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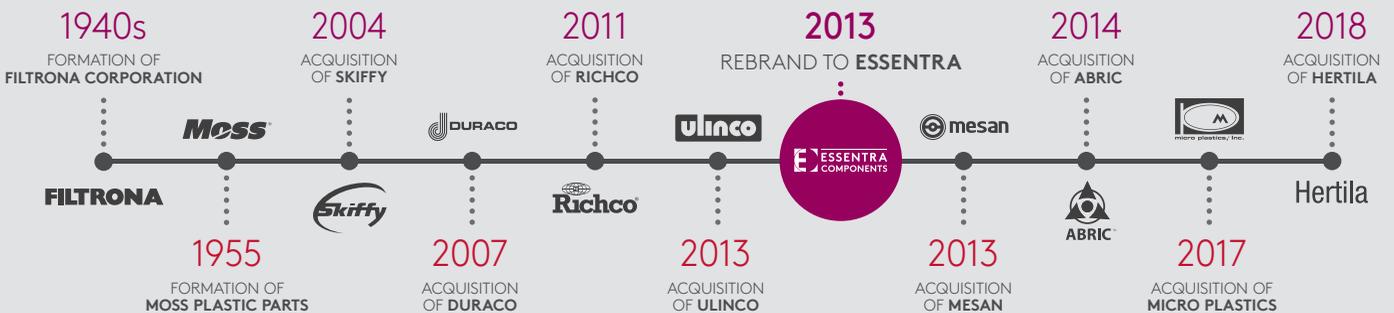
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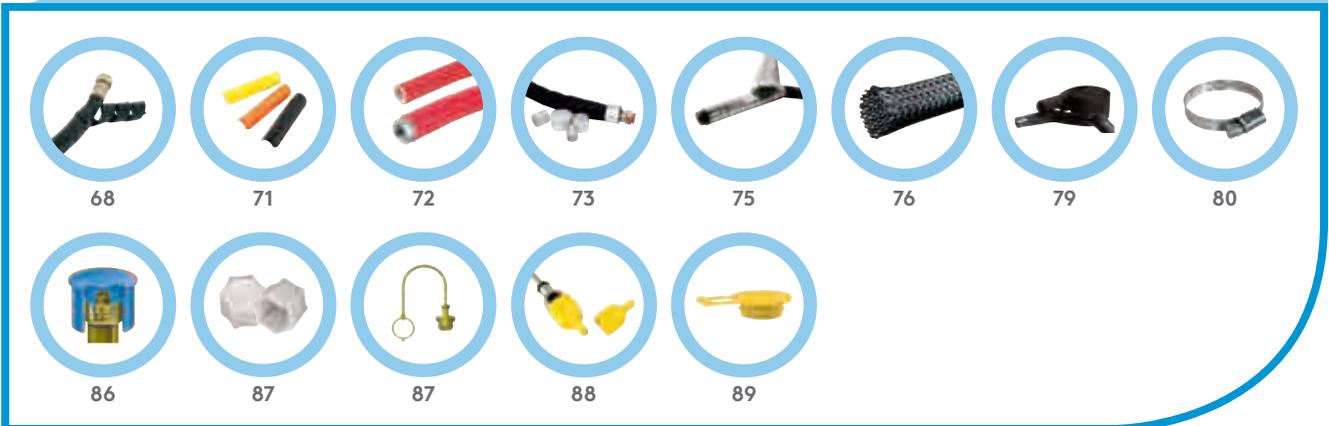
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# FAST FIND INDEX

## 010 CAPS AND PLUGS



## 066 HYDRAULIC AND PNEUMATIC PROTECTION



## 090 PIPE AND FLANGE PROTECTION





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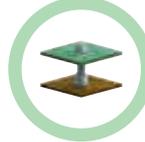
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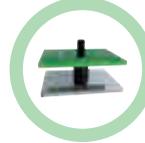
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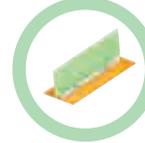
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## 294 CABLE MANAGEMENT



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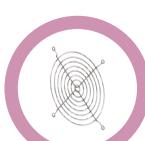
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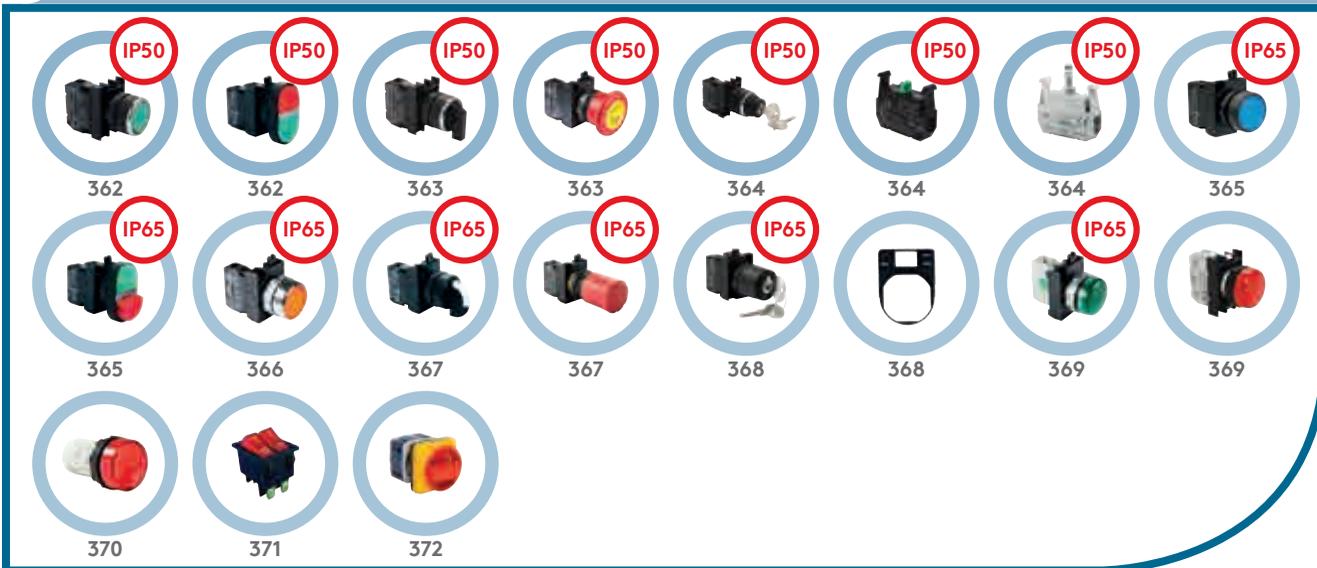
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# FAST FIND INDEX

## 508 GASKETING AND ENCLOSURE ACCESSORIES



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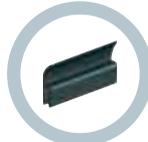
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## HANDLES, KNOBS AND POSITIONING COMPONENTS



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## 716 TUBE INSERTS, CONNECTORS AND FERRULES



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750



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## 758 FURNITURE AND TRANSIT PROTECTION



760



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765



766



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12



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38



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# CAPS AND PLUGS



TAPERED CAPS/PLUGS

012



PUSH FIT PLUGS

022



PUSH FIT CAPS

041



THREADED PLUGS

054



THREADED CAPS

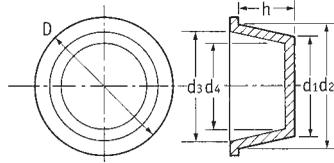
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# TAPERED CAPS/PLUGS

## Tapered Caps/Plugs

SR 1000

Red LDPE



- Use as cap or plug
- Easy fitting and removal
- Over 140 sizes
- Provide excellent protection from damage, dirt, moisture and corrosion during storage and transportation

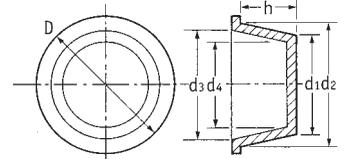
Part Number	Dimensions (mm)						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
10836	2.9	4.6	3.0	1.3	7.9	9.5	10000
10991	4.4	6.1	4.5	2.8	9.5	9.5	10000
50222	4.7	8.5	5.7	2.5	11.7	22.5	10000
12419	5.6	7.0	5.4	4.0	10.5	8.4	10000
10727	6.2	7.6	5.9	5.0	11.1	9.5	10000
12482	7.7	9.3	7.0	5.5	12.7	8.0	10000
10549	7.7	9.1	7.7	6.3	12.7	9.5	5000
10289	8.4	10.0	8.2	6.9	13.5	9.5	10000
12562	8.6	10.3	8.2	7.0	13.7	9.8	10000
12483	9.0	10.7	8.8	7.5	13.9	11.5	10000
10325	9.4	10.8	9.3	7.7	14.0	8.5	10000
10750	10.0	11.8	10.0	8.5	15.0	9.5	10000
12420	10.6	12.2	10.0	8.6	15.6	9.8	10000
10114	10.9	12.3	10.7	9.1	15.9	9.3	10000
12421	11.2	14.0	12.1	9.2	17.5	18.5	5000
12422	11.3	12.9	10.9	9.4	16.3	8.5	10000
10421	11.3	13.2	11.6	9.8	17.0	11.0	10000
10174	11.5	13.0	11.5	10.0	16.7	9.5	10000
12901	12.0	14.8	12.0	10.5	17.5	11.0	5000
10237	12.1	13.9	12.3	10.6	17.5	11.0	5000
12563	12.5	14.0	12.0	10.5	17.5	8.9	5000
15137	12.8	15.1	13.2	10.7	18.5	23.1	4000
10438	13.6	15.3	13.7	12.1	19.0	11.2	5000
10342	14.2	16.0	14.4	12.7	19.0	12.1	5000
10424	14.7	17.0	15.4	13.2	20.6	12.7	5000
12481	14.9	16.4	14.5	13.5	21.0	11.5	5000
12423	15.5	17.1	15.0	13.4	20.6	8.5	5000
12564	16.1	17.6	15.5	14.5	21.0	8.5	5000
11139	16.4	18.3	16.9	14.3	22.2	12.3	5000
12196	16.6	18.5	16.5	14.5	21.9	13.0	6000
110197	17.1	19.4	17.8	15.5	22.0	13.0	6500
12197	17.2	20.2	18.0	15.5	24.2	18.0	4000
110198	17.5	20.1	18.5	15.9	24.0	14.5	5000
11088	17.7	19.6	17.3	15.2	22.2	12.7	5000
10394	17.8	20.0	18.3	16.4	23.8	13.4	5000
12424	18.3	21.4	19.3	16.4	25.4	17.5	4000
10208	18.5	20.9	19.3	17.1	24.6	14.3	5000
10728	19.0	21.5	19.7	17.6	25.8	14.3	4000
12925	19.4	22.5	21.3	18.0	26.5	19.0	3000
12425	20.5	23.2	21.2	18.5	27.2	17.5	3000
52071	21.2	23.2	21.7	19.3	27.3	12.3	4000
10676	21.3	23.2	21.5	19.2	27.0	15.9	3000
110200	22.0	24.8	23.2	20.4	29.0	17.0	3000
10376	22.0	25.0	23.0	20.5	28.5	15.9	3000
12565	22.5	25.5	23.3	20.0	28.9	17.8	3000
12426	22.7	24.9	22.7	20.8	27.0	12.0	3000
10136	23.4	26.4	24.4	21.4	29.3	17.5	2500
12427	24.0	26.9	25.0	21.9	31.0	18.0	2000
12567	24.6	29.5	27.5	22.5	34.0	27.5	1500
10732	24.7	27.7	26.1	23.2	32.0	19.0	2000
110201	25.2	29.2	27.7	23.7	33.0	19.0	1500
12999	26.6	29.7	28.3	24.6	31.6	26.3	1500
10250	28.0	30.9	29.0	26.5	35.3	19.0	2000
11173	29.2	31.2	30.3	28.0	34.7	12.7	2000

To Fit Thread Size	
As Cap	As Plug
-	-
M4	¼" UNF
-	-
M6	M8, ⅜" UNF
¼" UNF	-
-	⅝" UNF
M8	M10
-	-
-	-
⅜" UNF	M12
-	-
⅜" BSP	¼" BSP, ½" UNF
-	-
-	-
-	-
-	M14 x 1.5
-	-
M12	⅜" UNF
⅞" UNF	-
-	-
¼" BSP, ½" UNF	M16
M14	⅝" BSP
-	M18 x 1.5
-	-
-	-
-	-
M16, ⅝" UNF	¾" UNF
-	-
⅝" BSP	M20 x 1.5
-	-
M18 x 1.5, M18	½" BSP
⅝" BSP	M20
M18	½" BSP
-	-
¾" UNF	M22 x 1.5
-	M22 x 1.5, ⅞" UNF
-	-
-	-
-	M24
M20 x 2.5, 1½"	⅝" BSP
M22 x 1.5	-
M22	1" UNF
⅞" UNF	-
-	-
M24	¾" BSP, M27, M26
-	-
-	-
M25, 1" UNF	M28, M30, 1⅜" UNF
-	-
¾" BSP	⅞" BSP
M27, M28	M30 x 1.5
M22 x 2	-

CONTINUED ON NEXT PAGE

Tapered Caps/Plugs *CONTINUED*

SR 1000



Part Number	Dimensions (mm)						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
10272	30.0	32.6	30.7	27.5	36.7	15.2	2000
12428	30.5	33.3	31.1	28.4	37.0	14.5	2000
12568	31.1	34.3	32.0	29.3	38.1	17.5	1500
10154	31.1	34.4	32.8	29.8	38.1	19.0	1500
12569	31.6	36.3	34.0	29.8	40.2	24.1	1000
11167	33.3	34.4	32.8	31.4	38.1	9.5	2500
10181	33.3	37.2	35.6	31.7	41.6	22.2	1000
12480	33.9	38.3	36.5	31.9	42.3	24.5	1000
10838	33.9	37.3	35.8	32.0	42.2	12.3	2000
12198	34.9	36.4	35.2	33.1	42.7	8.2	2500
12570	35.9	40.2	37.5	33.2	44.1	24.5	1000
15138	36.3	38.3	37.0	34.6	42.3	12.0	1500
10491	36.9	40.6	39.0	35.0	44.0	22.5	1000
11115	38.6	40.6	39.0	37.1	44.5	12.7	1500
10485	39.6	42.7	41.1	38.2	47.6	18.5	1000
12429	40.8	44.7	41.8	37.7	49.0	24.0	500
10252	41.4	44.8	43.0	39.7	49.2	19.0	1000
11172†	42.5	44.8	43.0	40.7	50.7	12.6	1000
15139	43.4	48.5	47.0	42.0	53.3	24.5	600
10812	44.1	46.7	45.7	42.8	49.8	18.4	800
110204	44.4	47.7	46.1	42.8	51.0	19.0	1500
10168	45.2	49.0	47.0	43.7	53.4	24.5	600
10439	45.9	46.3	45.0	44.3	50.8	9.5	1500
15136	46.0	50.0	48.0	44.3	54.0	24.8	500
12430	47.2	51.9	48.7	44.5	55.8	24.0	500
11131	47.5	50.3	49.0	45.2	54.0	25.0	500
10820	48.0	52.7	50.7	46.3	57.1	25.4	500
10086	48.6	51.2	48.9	46.7	55.5	18.7	500
12746	49.8	54.0	52.0	47.5	58.0	24.3	500
10624	51.1	54.4	52.0	47.7	57.0	25.0	500
10935	51.5	54.1	52.0	49.6	58.3	18.5	500
11047	53.5	57.0	55.3	51.2	62.4	25.1	400
12431	54.0	58.4	55.0	50.8	62.4	24.5	400
10616	55.0	61.0	59.0	52.2	65.0	25.0	400
11168	55.4	58.8	57.2	53.7	65.0	25.1	400
11169	57.5	57.6	56.1	55.2	63.6	12.8	700
11100	59.3	67.3	64.1	56.7	70.3	31.7	300
10249	59.6	62.6	61.0	57.0	66.7	24.6	300
11075	62.0	66.4	64.3	59.0	71.0	28.0	300
10292	63.3	69.8	67.8	61.5	73.0	25.4	400
10399	64.5	67.3	65.6	62.1	70.6	15.8	400
11064	68.1	70.9	69.3	66.3	74.6	19.0	400
10302	70.0	75.8	74.0	68.1	79.4	25.4	300
10617	74.0	77.0	73.9	71.5	82.5	18.7	300
10550	74.0	76.8	73.4	70.0	80.0	24.4	600
11023	76.8	82.2	80.8	74.8	85.7	25.4	500
11170	77.1	80.7	78.2	74.8	85.7	19.0	300
11037	80.0	86.1	82.0	77.5	89.8	25.1	500
10353	84.2	90.8	88.3	82.7	94.5	28.0	500

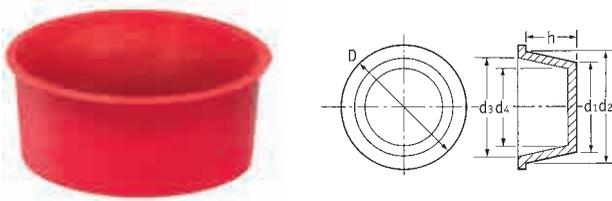
To Fit Thread Size	
As Cap	As Plug
M30	M33, 1" BSP
7/8" BSP	1 5/16" BSP" x 12 UNF
-	1 3/8" UNF, M36
M33, M32, 1 1/4" UNF	M36
1 1/2" BSP	1 1/2" BSP
-	-
1" BSP	M38, 1 1/2" BSP
-	-
1 3/8" UNF	1 3/8" BSP
-	-
-	-
M38	1 1/4" BSP
1 1/2" UNF	-
M39, M40	M42
-	-
1 1/4" BSP	M45 x 2
-	-
-	-
M45 x 1.5/2/3	M48 x 2, 1 7/8" JIC/UNF, 1 1/2" BSP
1 3/8" BSP	M48, 1 1/2" BSP
-	M48
-	-
-	-
-	-
M48, 1 1/2" BSP	M52
-	-
-	-
-	-
1 3/4" BSP	M56, M55
-	-
-	-
M58	2" BSP
-	-
-	-
2" BSP	-
-	-
-	-
-	-
-	M76, M75, 2 1/2" BSP
-	-
-	-
2 1/2" BSP	-
-	-
3" BSP	-

†Includes six ribs on shank for extra secure fit when used as a plug

# TAPERED CAPS/PLUGS

## Tapered Caps/Plugs CONTINUED

SR 1000



### Order Guide

When used as a cap, the d4 dimension should be at least 0.5mm per centimetre less than the diameter to be capped. Diameters over 30mm may require more interference.

When used as a plug, the d2 dimension should be at least 0.5mm per centimetre larger than the opening. Diameters over 30mm may require more interference.

Part Number	Dimensions						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
11171	85.3	88.0	85.5	82.9	92.0	19.0	250
12572	87.5	93.6	90.5	84.3	96.7	34.3	250
10304	88.1	93.3	89.9	85.1	96.5	28.6	300
10253	92.1	97.0	94.0	88.3	100.0	32.0	300
10697	93.5	100.3	97.8	89.9	107.5	26.5	400
462569	96.5	102.0	101.0	94.0	110.0	31.0	200
12573	94.5	100.6	97.0	91.0	103.6	34.5	100
12199	98.0	102.0	98.5	94.8	107.2	24.7	400
10551	98.2	103.3	99.0	95.0	106.0	28.8	300
110785	101.0	107.0	103.0	98.0	109.0	28.6	300
10688	101.9	107.5	103.0	98.0	109.0	28.6	300
10771	106.7	111.7	107.4	107.4	113.3	28.6	250
10455	108.0	114.1	111.6	106.4	118.5	35.2	250
462570	109.0	113.0	111.0	106.0	123.0	27.0	175
10837	110.0	115.0	109.0	105.0	118.5	28.0	250

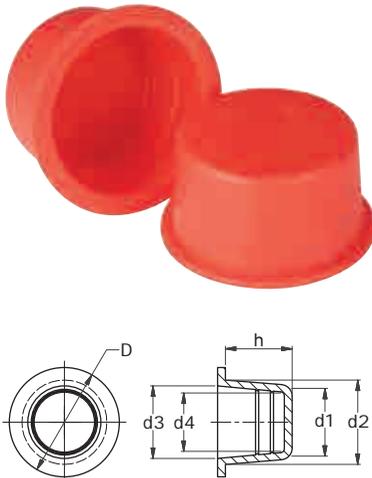
Part Number	Dimensions						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
12574	111.5	117.6	115.0	107.5	122.0	35.0	250
10133	112.1	114.3	109.8	107.5	116.8	28.6	250
10355	124.0	128.0	125.0	121.0	134.0	23.0	150
12575	129.0	135.1	132.0	124.0	139.5	36.5	150
462571	133.0	137.0	134.2	130.2	143.0	22.0	150
12576	139.5	145.6	140.0	135.0	150.0	36.5	150
10356	146.8	151.0	148.6	142.8	159.5	33.0	100
39649	153.7	161.5	160.0	152.0	178.9	29.6	135
12577	156.0	162.3	158.8	151.8	167.3	36.7	100
39196*	202.9	203.8	198.8	198.0	218.7	32.7	100
462572	203.5	208.5	205.9	200.9	216.0	24.0	60
39666	216.0	223.6	223.0	213.0	241.5	29.1	100
39195*	252.2	257.8	247.8	247.2	272.5	33.8	50
39149*	304.2	308.4	299.4	299.2	322.6	33.9	30

\* Black LDPE.

## Heavy Duty Caps/Plugs

SR 1003

Red/White LDPE



- Heavy-duty design includes a rugged wall and seal ring for maximum protection
- The Tapered design allows the part to plug multiple inner diameters or cap multiple outside diameters

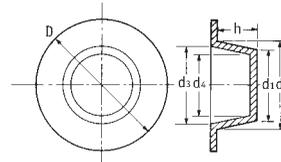
Part Number	Dimensions(mm)						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
GP607A	7.4	8.3	6.3	5.5	13.5	9.5	5000
GP610A	8.1	9.9	7.2	5.4	14.3	11.1	5000
GP617A	11.1	12.7	10.7	8.9	16.4	11.1	4000
GP628A	16.7	19.2	16.8	13.7	23.4	16.5	5700
GP632A	19.5	21.6	18.8	15.5	26.5	15.9	4200
K1838A*	20.8	22.8	20.4	18.0	28.4	16.2	2000
GP642A	27.8	29.0	26.6	23.4	34.5	16.0	2200
GP648A	30.6	34.4	30.5	29.2	38.9	19.1	1500
GP650A	33.1	35.2	32.6	30.6	41.3	19.1	1400
GP652A	35.0	36.6	34.1	31.4	43.0	19.1	1300
GP654A	36.8	38.7	36.0	34.1	44.0	19.1	1200
GP656A	38.3	40.1	37.2	34.2	46.2	19.1	1000
GP658A	39.6	41.6	39.2	36.6	47.6	19.1	1000
GP660A	41.0	42.8	40.6	37.5	48.4	19.1	1000
GP662A	42.7	44.5	41.8	39.2	50.8	19.1	800
GP664A	43.9	46.1	44.0	41.7	54.0	19.1	800
GP666A	45.9	47.7	45.0	42.4	56.8	19.1	700
GP668A	47.4	48.8	46.2	43.5	57.6	19.1	700
GP670A	49.0	51.0	48.0	46.1	59.7	19.1	600
GP672A	50.0	51.7	49.4	46.0	60.9	19.1	600
GP674A	51.8	54.1	52.0	49.4	62.7	19.1	600
GP676A	53.6	55.4	53.6	51.1	63.5	19.1	500

## Tapered Caps/Plugs – Large Flange Range

SR 1001

Red LDPE

- Complements SR 1000 caps and plugs
- Large flange for greater protection and easy removal



Part Number	Dimensions						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
12432	7.6	9.3	7.7	6.3	18.4	9.5	10000
12433	10.7	12.3	10.7	9.1	22.0	9.5	10000
10420	11.3	13.2	11.6	9.8	29.0	11.0	5000
110831	11.4	12.4	10.5	9.5	15.0	7.0	2000
12434	13.5	15.5	13.2	11.4	30.0	9.5	5000
18349	13.6	15.4	13.8	12.2	22.2	11.1	8000
18351	14.7	16.9	15.4	13.2	25.4	12.7	6000
12435	17.5	20.0	18.5	16.1	34.9	14.3	3000
18356	19.1	21.5	19.9	17.6	38.1	14.3	2500
12436	21.9	25.0	22.0	18.9	48.0	17.5	1500
12134*	22.5	25.3	23.5	20.8	55.4	17.3	3000
18357	24.7	27.7	26.1	23.2	38.1	19.1	1500
12437	30.4	33.6	30.7	27.8	47.3	15.2	1400
18360	31.1	34.4	32.8	29.8	47.6	19.1	1000
12438	33.3	37.2	35.6	32.0	50.8	22.2	800
12439	36.9	40.6	39.0	35.0	54.2	22.5	800
18362	41.4	44.8	43.0	39.7	57.2	19.0	700
12441	47.2	51.9	48.7	44.5	72.0	24.0	400
18366	48.3	52.7	50.7	46.3	63.5	25.4	1200
18368	51.5	54.1	52.0	49.6	66.7	18.5	500
18373	55.0	61.0	59.0	52.5	76.7	25.0	300
18374	62.0	66.4	64.3	59.0	83.0	28.0	250

\*Supplied with vent hole.

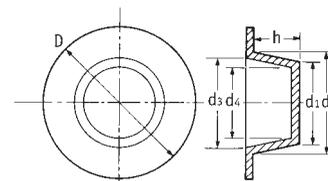
To Fit Thread Size	
As Cap	As Plug
-	-
1/8" BSP	1/4" BSP, 1/2" UNF
-	-
-	-
-	-
1/4" BSP, 1/2" UNF	M16, 5/8" UNF
-	M18
M18	1/2" BSP
-	-
-	-
-	-
-	-
-	M27, M30
M30	M33, M32, 1" BSP
M33, M32, 1 1/4" UNF	M35
M35, 1" BSP	M36, M38, 1 1/8" BSP, 1 1/2" UNF
M38, 1 1/8" BSP	M39, M40, 1 1/4" BSP
M42, 1 1/4" BSP	M45
-	-
M48, 1 3/4" BSP	M52
-	-
-	-
-	-
-	-

## Tapered Caps/Plugs – Large Flange Range

SR 1115

Blue LDPE

- Large flange for greater protection and easy removal



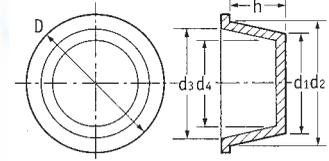
Part Number	Dimensions(mm)						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
LF2A	4.4	6.1	4.5	2.8	14.3	11.8	5500
LF-3	6.0	7.4	6.2	3.7	12.3	10.2	5000
LF-6	9.3	10.6	9.0	7.6	18.8	10.2	5000
LF8A	10.8	12.1	10.7	9.0	20.62	10.2	4750
LF9A	11.2	12.9	11.4	9.5	20.83	11.8	7500
LF-10	12.2	13.9	12.5	10.4	22.1	11.7	7000
LF11A	13.5	15.6	14.5	11.9	23.88	11.9	5000
LF-11X	14.4	16.0	14.7	12.7	24.1	12.5	5000
LF12A	14.7	16.7	15.4	13.2	24.97	13.4	4500
LF-12X	15.5	17.5	16.1	13.9	26.2	13.4	4500
LF15A	17.5	19.7	18.3	15.7	28.58	14.2	3500
LF-15X	18.4	20.6	19.4	16.8	29.0	15.0	3000
LF16A	19.2	22.1	20.5	17.6	30.1	14.7	3000
LF-17	20.8	23.4	22.0	18.8	31.8	15.8	2300
LF18A	22.0	24.8	23.2	20.4	32.54	16.5	4000
LF-19	24.1	25.9	24.3	22.2	34.1	18.2	1500
LF20A	25.0	28.1	26.4	23.4	36.5	18.9	3000
LF22A	31.4	35.1	33.3	29.6	42.85	18.9	2000
LF23XA	33.3	37.2	36.2	31.8	46.86	19.7	1700
LF24A	36.8	40.7	39.4	35.1	49.23	18.9	1500
LF-28	43.9	48.0	46.4	41.9	58.7	18.9	1100

## Tapered Caps/Plugs-Blue Series

SR 1111

Blue LDPE

- Use as cap or plug
- Easy fitting and removal
- Provide excellent protection from damage, dirt, moisture and corrosion during storage and transportation

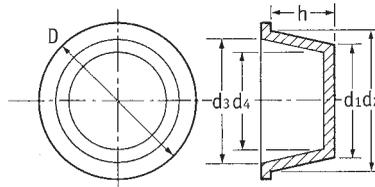


Part Number	Dimensions(mm)						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
1	2.9	4.6	3.0	1.3	7.9	10.3	5000
1S	3.5	4.6	3.0	1.3	7.9	6.4	5000
2	4.5	6.1	4.5	2.8	9.5	9.5	5000
3	5.3	6.8	4.9	3.2	9.5	9.5	5000
5	6.1	7.7	6.1	4.5	11.9	9.5	5000
6	6.7	8.5	7.0	5.2	11.9	9.5	5000
7	7.6	9.3	7.7	5.9	13.5	9.5	5000
7-S	8.4	9.3	7.7	6.8	12.7	5.6	5000
8	8.4	10.1	8.4	7.0	14.3	9.5	5000
9	9.1	10.9	9.3	7.6	15.1	9.5	5000
10	9.9	11.7	10.1	8.3	15.9	9.5	5000
11	10.7	12.3	10.7	9.0	15.1	9.5	5000
12	11.4	13.0	11.4	9.8	15.9	10.3	5000
13	12.5	13.9	12.3	10.4	18.3	12.7	5000
13-SP	12.1	13.8	12.2	10.4	18.3	7.9	5000
13-W	12.1	13.9	12.3	10.4	22.2	12.7	7000
14	12.7	14.4	12.8	11.1	19.1	11.1	5000
16	13.5	15.8	14.1	11.9	19.1	11.8	7500
17	14.0	16.1	14.4	12.3	19.8	12.7	7500
18	15.0	17.2	15.4	13.2	22.2	13.5	5000
20	15.5	17.7	16.1	13.9	21.4	12.7	6000
21	16.3	18.5	16.9	14.6	22.2	12.7	5000
22	17.2	19.2	17.5	15.6	22.2	15.9	4000
23	17.5	19.9	18.4	15.9	23.8	15.9	4000
26	18.4	21.0	19.3	16.8	25.4	12.7	4000
26-L	18.4	21.0	19.3	16.8	24.6	15.0	8000
27	19.1	21.5	19.7	17.4	26.2	15.9	7000
28	20.4	23.1	21.5	18.4	27.8	19.1	5000
29	20.8	23.7	21.6	19.2	28.6	14.6	5500
30	21.7	24.7	23.0	19.5	28.6	19.1	4500
31	22.1	24.8	23.4	20.4	28.6	15.9	5000
35	22.7	26.4	24.8	21.1	29.4	19.1	4500
38	24.9	26.5	25.0	22.3	31.8	12.7	2500
40	24.5	27.7	26.0	22.9	31.8	19.1	3500
41	25.5	29.1	27.4	23.8	33.3	19.1	3500
42	28.2	31.2	30.0	26.4	38.5	19.1	2500
44	30.0	32.6	30.9	28.1	36.5	19.1	2500
45	31.1	34.3	32.9	29.5	38.1	19.1	2500
46	31.4	34.3	32.9	29.0	36.5	19.1	2500
47	32.8	34.6	33.02	31.2	38.1	19.1	2000
48	32.8	37.0	35.3	31.2	41.3	25.4	1500
49	33.3	37.3	35.6	31.7	41.3	19.1	2000
51	34.1	38.5	36.8	32.6	44.5	23.8	1500
53	36.8	40.6	39.0	35.2	44.5	19.1	2000
54	38.6	40.7	39.0	37.0	45.2	19.1	1700
K-5	38.7	38.7	37.7	36.7	44.5	12.7	2500
55	39.6	42.5	41.2	38.0	47.6	19.1	1500
56	40.8	44.5	42.8	39.8	49.2	19.1	1500
57	44.1	47.5	46.2	42.6	51.6	19.1	1200
58	45.9	49.7	48.1	44.3	54.0	25.4	900
59	45.7	46.4	44.7	44.1	51.6	12.7	2000
60	46.9	51.3	49.2	45.3	54.0	25.4	1000
62	48.3	53.0	51.2	46.7	57.2	25.4	850
63	50.3	55.1	53.6	48.6	57.2	25.4	800

CONTINUED ON NEXT PAGE

Tapered Caps/Plugs-Blue Series *CONTINUED*

SR 1111  
Blue LDPE



Part Number	Dimensions(mm)						Standard Pack Quantity
	d1	d2	d3	d4	D	h	
65	51.2	54.5	52.9	49.7	58.7	19.1	1000
66	52.4	57.2	55.3	50.8	61.9	26.2	700
67	54.8	59.8	58.1	52.9	66.7	25.4	600
68	56.5	57.9	56.4	54.6	63.5	12.7	1200
70	54.1	61.6	60.2	51.9	63.5	25.4	700
71	58.4	63.1	61.0	56.8	66.7	25.4	600
73	60.8	66.2	64.5	59.2	66.7	25.4	600
74	61.7	67.2	65.5	60.0	69.9	19.1	700
75	58.7	67.3	65.7	57.0	69.9	25.4	750
76	62.4	69.9	68.2	60.8	73.0	25.4	600
77	65.0	68.3	66.7	63.5	73.0	19.1	700
78	67.2	71.3	69.2	65.5	76.2	12.7	1000
81	69.1	76.2	74.9	66.7	79.4	25.4	500
82	72.4	75.7	74.2	70.7	82.6	19.1	500
83	76.1	80.2	78.7	74.0	85.7	12.7	750
85	75.7	82.4	80.4	73.7	85.7	25.4	400
86	78.5	85.5	83.4	76.3	88.9	25.4	400
87	84.3	87.6	85.6	82.3	92.1	12.7	500
88	82.2	90.8	88.8	80.2	100.0	25.4	300
89	88.0	91.4	89.2	86.5	98.4	22.4	350
90	93.4	96.5	94.7	91.6	101.6	19.1	300
91	96.5	99.7	97.7	94.4	104.8	17.5	300
92	99.5	103.4	101.1	96.8	111.1	19.8	250
93	102.4	106.4	104.4	100.3	114.3	19.1	250
94	107.1	112.9	111.3	105.0	123.8	25.4	200
95	110.9	117.0	114.3	109.0	127.0	25.4	200
1100	124.7	129.3	127.3	122.7	139.7	26.2	250
1110	126.8	132.1	129.5	125.0	143.0	26.2	250
101	138.9	142.8	140.7	136.9	155.7	25.4	100
103	143.3	149.2	147.2	140.7	158.8	25.4	100
39665	141.0	150.0	148.0	138.0	164.1	25.4	140
FPL-6*	152.0	153.4	-	-	167.9	32.5	150
104	152.7	157.0	154.9	150.4	168.2	25.4	90
106	162.6	166.6	164.6	160.8	176.3	22.9	100
108	167.9	170.4	168.4	165.9	182.6	38.9	100
K-436	174.8	178.6	176.5	172.7	194.8	13.5	300
110	179.1	180.9	178.8	177.0	193.8	26.2	100
112	186.4	194.3	192.0	184.4	201.7	26.2	100
114	194.6	199.1	197.1	192.5	206.3	26.2	100
118	207.2	212.1	209.6	204.5	222.3	35.7	50
120	213.4	218.4	215.9	210.8	228.6	35.7	50
124	220.2	221.7	219.1	217.2	231.9	38.9	50
126	230.1	237.7	234.7	225.8	250.4	45.2	50
130	274.1	281.9	277.1	268.0	294.6	45.2	40
133	303.0	319.0	313.7	297.2	331.5	51.6	30
134	324.9	338.8	328	318.3	346.5	51.6	30
136	336.6	345.4	340.4	330.2	358.1	51.6	30

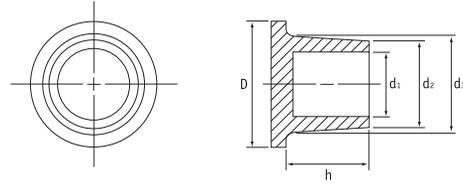
\*Black

## Covered Tapered Plugs

SR 1114

Blue LDPE

- Designed for use with BSP/NPT tapered threaded fittings



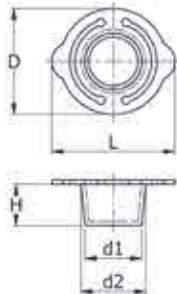
Part Number	BSP/NPT Thread	Dimensions (mm)					Standard Pack Quantity
		d1	d2	d3	D	h	
EN-¼	¼"	9.0	10.7	12.3	15.5	7.1	5000
EN-⅜	⅜"	12.7	14.0	16.3	19.5	12.7	6500
EN-½	½"	15.9	17.5	19.9	23.0	12.7	4000
EN-¾	¾"	20.6	22.1	24.8	27.8	15.9	2500
EN-1	1"	26.2	27.7	30.5	34.1	16.7	1500

## Tapered Plug with Ring Tab

SR 1174

Yellow LDPE

- Can be used either as a plug or a cap
- Tapered profile for extended dimensions
- Easy removal of the part with strong ring tab



Part Number	Dimensions (mm)					Standard Pack Quantity
	d1	d2	H	D	L	
498716	5.0	7.0	9.5	17.3	20.3	1000
498717	6.0	8.0	9.5	18.2	21.1	1000
498718	7.0	9.5	9.5	20.3	23.3	1000
498719	8.0	10.0	9.5	20.3	23.2	1000
498720	9.5	11.5	9.5	21.9	24.8	1000
498721	10.5	12.5	9.5	22.6	26.5	1000
498722	11.5	13.5	9.5	23.7	27.5	1000
498723	12.5	14.5	10.0	24.5	28.4	1000
498724	13.5	15.5	10.0	25.5	29.5	1000
498725	14.2	16.2	10.0	26.3	30.3	1000
498726	14.5	17.0	10.0	27.0	31.0	500
498727	15.5	18.0	10.0	28.3	32.0	500
498728	17.5	19.5	10.0	30.0	34.0	500
498729	18.0	20.0	10.0	30.0	34.0	500
498730	19.0	21.5	11.0	32.0	35.7	500
498731	21.0	24.2	11.0	34.7	38.7	500
498732	22.5	25.5	12.0	36.0	40.0	500
498733	25.0	28.0	12.0	38.5	42.2	500
498734	29.0	31.5	12.0	41.8	47.0	500
498735	29.5	32.0	12.0	42.5	47.6	500

OUR LARGE RANGE OF  
**CAPS AND PLUGS...**

...also available in  
small pack quantities!

[www.essentracomponents.ie](http://www.essentracomponents.ie)

## Blanking Plugs

SR F-0006

EBA

- Protection plugs for covering holes in metal sheets
- Suitable in application where body plugs are required to protect against sharp edges
- Temperature: Min -30°C, Max +50°C



6353000



6351000/6352000/6354000



6355000

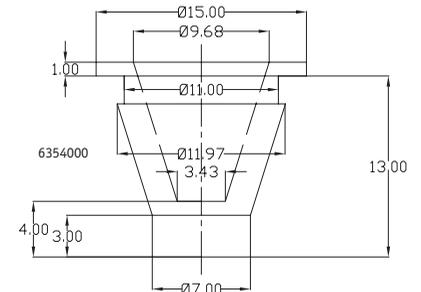
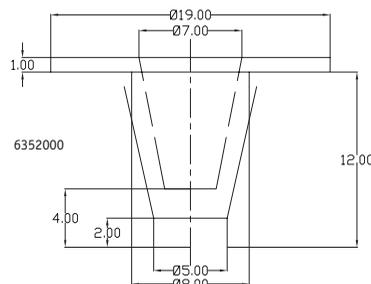
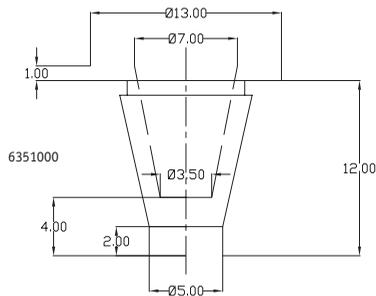


6356000

Part Number	Standard Pack Quantity
6351000	1000

Part Number	Standard Pack Quantity
6352000	1000

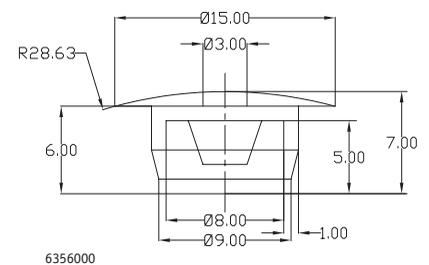
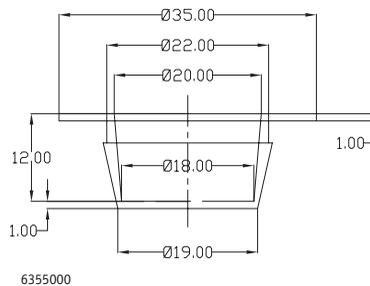
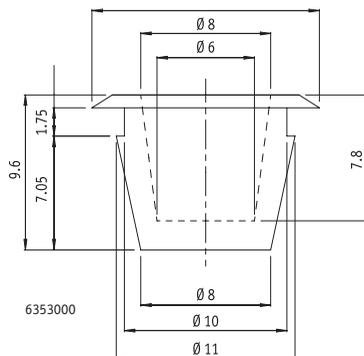
Part Number	Standard Pack Quantity
6354000	1000



Part Number	Standard Pack Quantity
6353000	1000

Part Number	Standard Pack Quantity
6355000	1000

Part Number	Standard Pack Quantity
6356000	1000



# CAPS AND PLUGS APPLICATION GUIDE

Many products that you manufacture are likely shipped to another location or customer, or simply moved along an assembly line as part of your production process. During these transits and end uses, it's important to protect vital parts to ensure efficient processes, safe use and reduced downtime.

## EQUIPMENT MANUFACTURING



Ensure smooth assembly and transit to your customers by protecting critical internal and external profiles from damage, maintaining quality and a timely delivery.

Key equipment to protect includes enclosures, indoor and outdoor cabinets, HVAC units and generators.

Essentra recommends protecting with:



BLANKING PLUGS



SILICONE CAPS

## METAL FABRICATION



Guarantee a professional finish every time by masking holes, studs and contact points during painting, blasting, and finishing processes. By protecting important areas of fabricated metal with easy-to-fit caps and plugs, you can successfully

increase customer satisfaction and minimise recall of finished products.

Key areas to guard include electrical contact points, threaded holes or studs and welding areas.

Essentra recommends protecting with:



MASKING WASHER PLUGS



PULL TAB FLEXI CAP

## HOSES & HYDRAULICS



Safe operation of devices using hydraulic fluid calls for specialist hose-fitting protection and coverage. The right cap or plug can help mitigate fluid spills and maintain hose integrity when looking to ensure constant machinery uptime and user safety.

Key hydraulic parts that need safeguarding include grease nipples, DKO-compression fittings, fuel lines and banjo unions.

Essentra recommends protecting with:



HEXAGONAL CAPS



BANJO UNION CAPS

## VEHICLES



In applications where precision is everything, it's essential to guard fuel lines from potential debris contamination and protect vital threads from damage during shipment and masking.

Key vehicle parts to protect are diesel/petrol pumps, engines, specialist vehicle fittings, powertrains and brake systems.

Essentra recommends protecting with:



SEALING SLOTTEx CAPS



TAPERED CAPS

For more advice please call us on **01 806 2266**  
or email [sales@essentracomponents.ie](mailto:sales@essentracomponents.ie)

## Centre Pull Plugs

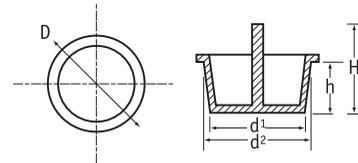
SR 1068

Red LDPE

- Centre pull-tab for easy fit and removal
- Excellent protection from damage, dirt, moisture and corrosion during production, storage and transportation

Part Number	To Fit Thread Size			Dimensions (mm)					Standard Pack Quantity
	Metric	UNF	BSP	d1	d2	D	h	H	
110029	M8	7/16"	-	6.2	7.7	11.1	9.5	20.5	10000
CP-6*	-	-	-	6.8	8.5	11.9	10.3	15.9	5000
110030	M10	7/16"	1/8"	8.4	10.0	13.5	9.5	20.5	10000
110031	-	3/8"	-	9.5	10.8	14.0	9.5	20.5	10000
CP-9*	-	-	-	9.2	10.9	15.1	9.5	19.1	7000
CP-10*	-	-	-	10.2	11.8	15.9	9.5	19.1	6000
110032	M12	1/2"	1/4"	10.9	12.3	15.9	9.5	20.3	10000
CP-12*	-	-	-	11.4	13.0	16.7	10.3	14.3	5000
110033	M14	7/16"	-	11.7	13.7	17.2	11.0	22.0	5000
CP-14*	-	-	-	12.7	14.4	18.3	11.9	20.6	7500
110034	M16	5/8"	3/8"	14.2	16.0	19.0	11.9	22.9	5000
CP-18*	-	-	-	14.7	17.0	20.6	13.5	19.1	5500
CP-19*	-	-	-	15.5	17.7	21.3	13.5	19.8	5000
110035	M20	3/4"	-	16.4	18.3	22.2	12.3	23.5	5000
110036	-	1 1/16"	1/2"	17.8	20.0	23.8	13.7	24.5	5000
CP-24*	-*	-	-	18.5	21.0	25.4	15.0	21.3	5000
110037	M24	7/8"	5/8"	21.3	23.2	27.0	15.9	26.9	3000
CP-31*	-	-	-	22.1	24.7	28.5	19.1	25.4	4000
10418	-	1"	-	22.5	25.5	28.9	17.8	29.0	2500
110038	M28, M30	1 1/8"	-	24.7	27.7	32.0	19.0	30.0	2000
CP-37*	-	-	-	24.6	27.7	31.8	19.8	26.2	2500
CP-40*	-	-	-	26.1	29.1	34.0	19.1	25.4	2500
CP-42*	-	-	-	27.8	31.0	35.8	19.8	25.4	2500
CP-44*	-	-	-	29.2	32.7	39.4	19.1	25.4	2000
CP-47*	-	-	-	32.8	33.2	38.1	19.8	25.4	1800
CP-49*	-	-	-	33.3	37.2	41.2	19.1	25.4	1800
CP-51*	-	-	-	34.1	38.8	44.5	22.4	25.4	1500
CP-55*	-	-	-	36.9	40.7	44.5	19.1	25.4	1500
CP-56*	-	-	-	41.0	44.1	48.4	18.3	28.6	1000
CP-57*	-	-	-	45.9	49.2	54.9	25.4	31.8	1000
110039†	M52	-	-	48.2	52.7	57.1	25.4	26.4	300
110040†	M58, M60	-	2"	55.0	61.0	65.0	25.0	26.0	400
110041†	M62	-	-	59.3	67.3	70.6	30.7	31.5	150
110042†	-	-	-	67.4	70.2	74.6	25.0	26.0	300

† Pull-tab does not extend above overall height.  
\* Orange LDPE



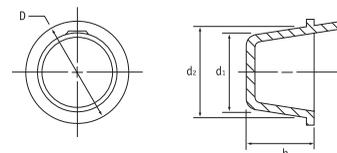
## Side Pull Tabs

SR 1110

Blue LDPE

- Use as Cap or Plug
- Side pull-tab for easy removal

Part Number	Dimensions (mm)				Standard Pack Quantity
	d1	d2	D	h	
P-7	7.6	9.3	13.5	9.5	5000
P-8	8.4	10.1	14.3	9.5	5000
P-11	10.7	12.3	15.1	9.5	5000
P-16	13.5	15.8	19.1	12.7	7000
P-17	14.0	16.1	19.8	12.7	7000
P-23	17.5	19.9	23.8	15.9	3500
P-26	20.4	23.2	26.9	16.5	5000
P-31	22.1	24.8	28.6	15.9	2500
P-33	23.2	26.4	29.4	18.3	5000
P-40	24.5	27.7	31.8	19.8	3000
P-41	25.3	29.1	33.3	19.8	2500
P-42	28.2	31.2	38.5	19.1	2500
P-44	29.6	32.4	35.7	19.1	2500
P-53	36.8	40.6	44.5	19.1	2000
P-55	39.6	40.6	47.6	19.1	1500
P-57	41.5	44.5	49.3	19.1	1000
P-59	45.7	46.4	51.6	12.7	2000
P-61	45.2	49.5	53.9	25.4	1000
P-63	46.8	50.8	53.9	25.4	1000
P-65	48.2	52.7	57.2	25.4	1000
P-68	56.7	57.4	63.5	12.7	1000



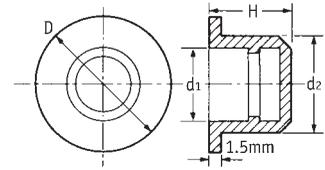
# PUSH FIT PLUGS

## Moss Plugs

SR 1013

Black PVC or Green Vinyl

- Highly resistant to shredding
- Green vinyl can be used with oils and greases



Part Number		Dimensions (mm)				Standard Pack Quantity
Black PVC	Green Vinyl	d1	d2	D	h	
10874	-	1.6	3.2	7.0	8.7	10000
12665	-	3.2	5.0	11.0	12.0	10000
12666	11806	3.1	6.0	12.0	12.0	5000
12667	11817	4.5	7.0	13.0	12.0	5000
12668	11808	4.9	8.0	14.0	12.0	10000
12669	11829	6.1	9.0	15.0	12.0	5000
12670	11807	7.2	10.0	16.0	12.0	5000
12671	11824	8.2	11.0	17.0	12.0	10000
12672	11809	9.2	12.0	20.0	12.0	8000
12673	11822	10.2	13.0	21.0	14.0	8000
12674	11813	11.0	14.0	22.0	14.0	7000
12675	11830	12.2	15.0	23.0	14.0	6000
12677	11820	12.9	16.0	24.0	14.0	6000
12678	11811	14.0	17.0	27.0	14.0	5000

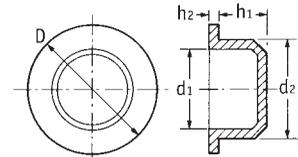
Part Number		Dimensions (mm)				Standard Pack Quantity
Black PVC	Green Vinyl	d1	d2	D	h	
12679	11827	15.0	18.0	28.0	14.0	4000
12680	11818	16.1	19.0	29.0	14.0	2000
12681	11812	17.2	20.0	30.0	14.0	2000
12683	11823	18.0	21.0	31.0	14.0	3000
12684	11828	19.0	22.0	32.0	14.0	1500
12685	11814	20.1	23.0	33.0	14.0	1500
12686	11810	21.6	24.0	34.0	16.0	2500
12687	11816	22.2	25.0	35.0	16.0	2000
12688	11819	23.5	26.0	36.0	16.0	2000
12689	11821	23.6	27.0	37.0	16.0	2000
12690	11825	25.2	28.0	38.0	16.0	2000
12692	11826	27.9	30.0	40.0	16.0	1000
12693	12078	36.4	40.0	50.0	22.0	700
12694	-	43.2	47.0	57.0	22.0	500

## Parallel Protection Plugs CONTINUED

SR 1015

Natural LDPE

- Popular general-purpose plug



Part Number	Dimensions (mm)					Standard Pack Quantity
	d1	d2	D	h1	h2	
1453620	-	2.0	6.3	3.2	-	5000
1451040	-	2.5	6.3	3.7	-	5000
1451041	-	3.0	6.3	4.6	-	5000
1450188	-	3.5	6.9	4.6	-	5000
1450189	-	4.0	7.4	5.0	-	5000
1441574	-	4.5	8.0	5.0	-	5000
12150	3.5	5.0	9.0	5.0	1.0	10000
12151	3.6	5.5	9.5	5.0	1.0	10000
12152	4.5	6.0	10.0	5.5	1.0	10000
12153	5.0	6.5	10.5	5.5	1.0	10000
12154	5.5	7.0	11.0	5.5	1.0	10000
12155	5.6	7.5	11.5	5.5	1.0	10000
12156	6.5	8.0	12.0	5.5	1.0	10000
12157	7.0	8.5	12.5	6.0	1.0	10000
12158	7.5	9.0	13.0	6.0	1.0	10000
12159	8.0	9.5	13.5	6.0	1.0	10000
12160	8.5	10.0	14.0	6.5	1.0	10000
12161	9.0	10.5	14.5	6.5	1.0	10000
12162	9.5	11.0	15.0	6.5	1.0	10000
12163	10.0	11.5	15.5	6.5	1.0	10000
12164	10.5	12.0	15.8	6.5	1.0	5000
12165	11.0	12.5	16.5	6.5	1.0	5000
12166	11.0	13.0	17.0	6.5	1.25	5000
12167	11.5	13.5	17.5	6.5	1.25	5000
12168	12.0	14.0	18.0	6.5	1.25	5000
12169	12.5	14.5	18.5	7.0	1.25	5000
12170	13.0	15.0	19.0	7.5	1.25	5000
12171	13.5	15.5	19.5	7.5	1.25	5000
12172	14.0	16.0	20.0	7.5	1.25	5000
12173	14.5	16.5	20.5	7.5	1.25	5000
12174	15.0	17.0	21.0	7.5	1.25	5000
12175	15.5	17.5	21.5	7.5	1.25	5000
12176	16.0	18.0	22.0	8.5	1.25	5000

Part Number	Dimensions (mm)					Standard Pack Quantity
	d1	d2	D	h1	h2	
12177	16.5	18.5	22.5	8.5	1.25	5000
12178	17.0	19.0	23.0	8.5	1.25	5000
12179	17.5	19.5	23.4	8.5	1.25	5000
12180	18.0	20.0	24.0	9.0	1.25	5000
12181	18.5	20.5	24.5	9.0	1.25	5000
12182	19.0	21.0	25.0	9.0	1.25	5000
12183	19.5	21.5	25.5	9.0	1.25	5000
12184	22.0	22.0	26.0	9.0	1.25	5000
12185	20.0	22.5	26.5	9.0	1.5	2500
12186	20.5	23.0	27.0	9.0	1.5	2500
12187	21.0	23.5	27.5	9.0	1.5	1250
12188	21.5	24.0	28.0	9.0	1.5	2500
12189	22.0	24.5	28.5	9.0	1.5	2500
12190	22.5	25.0	29.0	9.0	1.5	2500
1450190	-	25.5	28.8	10.4	-	5000
12191	23.5	26.0	30.0	10.0	1.5	2000
465656	24.7	26.6	30.6	8.5	1.4	1000
12192	24.5	27.0	31.0	10.0	1.5	2000
465657	26.0	27.7	31.6	8.5	1.3	1000
12193	25.5	28.0	32.0	10.0	1.5	2000
1450191	-	28.5	32.0	10.0	-	10000
12194	26.5	29.0	33.0	10.0	1.5	1500
1450192	-	29.5	33.3	10.3	-	9000
12195	27.5	30.0	34.0	10.0	1.5	1500
1450193	-	30.5	33.8	10.3	-	8000
465658	29.9	31.1	35.0	8.5	1.3	1000
465659	30.2	31.4	35.5	8.5	1.4	1000
10352	29.0	31.5	35.5	10.0	1.5	1500
465660	30.2	31.8	35.8	8.5	1.4	1000
1451042	-	32.0	36.6	10.3	-	7500
462590	30.5	32.5	37.0	11.0	1.0	1500
1441575	-	33.0	37.1	10.0	-	7000
465661	31.7	33.2	37.2	8.5	1.4	1000

Part Number	Dimensions (mm)					Standard Pack Quantity
	d1	d2	D	h1	h2	
1451043	-	33.5	36.7	10.5	-	6000
1451044	-	34.0	38.5	10.5	-	6000
1451045	-	34.5	37.6	10.2	-	6000
1450194	-	35.0	39.3	10.5	-	6000
1451046	-	35.5	38.8	10.3	-	5500
465662	34.4	36.0	40.2	8.5	1.4	1000
1450195	-	36.5	40.2	10.5	-	5000
1450196	-	37.0	41.5	10.3	-	5000
1450197	-	37.5	41.0	10.6	-	5000
1450198	-	38.0	43.0	10.3	-	5000
1451047	-	38.5	42.5	10.5	-	5000
465663	37.5	39.1	43.1	8.5	1.4	1000
465664	38.0	39.5	46.2	8.8	1.4	1000
462591	37.5	39.5	42.0	11.0	1.0	1000
465665	38.9	40.1	46.8	8.6	0.7	1000
465666	39.1	40.7	47.5	8.7	1.5	1000
465670*	38.3	40.5	54.0	9.6	1.3	750
1441576	-	41.0	45.2	10.0	-	5000
1451048	-	42.0	47.0	10.3	-	4500
465667	41.4	42.6	46.4	5.8	1.5	1000
1453621	-	43.0	47.3	10.5	-	4500
1450199	-	43.9	48.9	10.1	-	4000
1450200	-	44.9	50.2	10.5	-	4000
1441568	-	46.0	50.8	10.0	-	4000
465668	44.5	46.1	52.7	8.5	1.4	1000
462592	45.5	47.0	52.0	10.0	1.0	1000
1453622	-	48.0	52.8	10.1	-	3500
1450201	-	48.5	52.3	10.8	-	3500
1450202	-	49.0	53.9	10.4	-	3500
1453623	-	49.8	53.9	9.4	-	3500
465672	49.5	51.1	60.0	10.2	1.1	750
1450203	-	52.0	58.1	10.9	-	3000
1450204	-	53.0	58.6	11.0	-	3000
1450205	-	53.5	56.3	9.3	-	3000
1451049	-	54.0	60.2	10.6	-	2500
1450206	-	55.0	61.6	10.8	-	2500
1451050	-	56.0	62.7	11.7	-	2000
1451051	-	57.0	60.2	9.8	-	2500
465673	56.5	58.2	67.0	8.7	1.1	750
1450207	-	59.0	65.4	10.9	-	2000
465674	58.8	60.0	61.7	10.2	0.7	750
1441577	-	60.8	67.5	11.0	-	2000
1450208	-	62.0	68.5	10.8	-	2000
1451052	-	62.7	67.0	9.5	-	2000

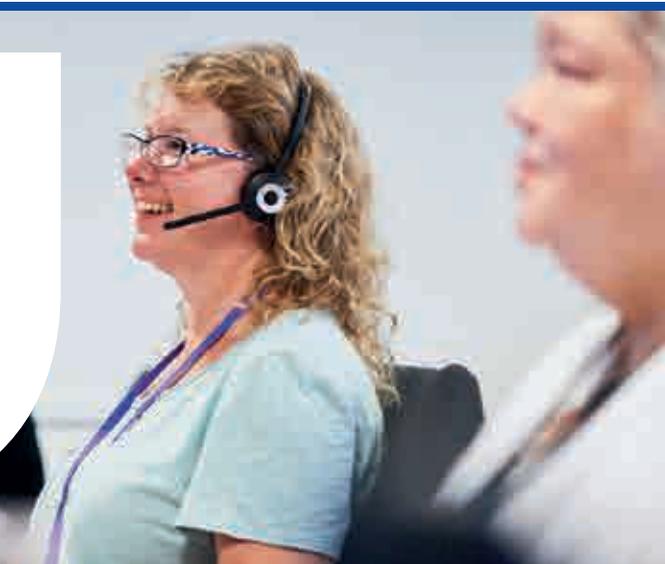
Part Number	Dimensions (mm)					Standard Pack Quantity
	d1	d2	D	h1	h2	
1451053	-	63.5	70.2	10.4	-	2000
1441578	-	63.5	66.5	9.5	-	2000
1441579	-	65.0	69.0	10.0	-	2000
1441569	-	66.0	70.5	10.5	-	2000
465675	64.6	66.2	75.2	8.7	1.1	750
1450209	-	67.0	73.0	10.2	-	2000
1450210	-	68.2	74.5	10.7	-	1800
1450211	-	69.0	74.4	10.4	-	1800
1450212	-	70.0	73.1	10.8	-	1800
1441570	-	70.9	74.5	10.8	-	1700
1450213	-	71.5	74.9	10.3	-	1700
1450214	-	72.0	78.7	11.5	-	1500
1450215	-	72.5	75.8	9.7	-	1500
465676	72.0	74.0	83.0	8.7	1.2	750
1441571	-	75.0	81.8	10.0	-	1500
1441572	-	75.5	80.5	11.5	-	1500
1451054	-	76.8	80.5	9.5	-	1500
1450216	-	78.0	81.5	10.6	-	1500
1450217	-	78.5	81.6	9.8	-	1500
1450218	-	79.5	83.0	9.8	-	1500
1441573	-	80.5	85.5	10.0	-	1500
465677	79.4	81.2	90.2	8.7	1.2	500
1450219	-	81.5	86.0	9.6	-	1500
1451055	-	82.5	86.0	9.7	-	1500
1451056	-	84.0	89.9	10.6	-	1300
1450220	-	84.5	89.7	7.7	-	1300
465678	83.2	85.1	93.8	8.7	1.4	500
1451057	-	85.5	88.9	9.5	-	1300
1451058	-	86.0	89.9	9.5	-	1300
465679	84.4	86.6	98.6	9.0	1.3	500
1451059	-	87.5	91.4	9.5	-	1300
1451060	-	88.5	92.9	9.5	-	1250
1451061	-	90.0	93.6	10.0	-	1300
1451062	-	90.5	94.5	9.5	-	1200
1450221	-	91.5	95	9.6	-	1200
1451063	-	92.5	96.3	9.5	-	1200
1451064	-	93.5	97.0	9.6	-	1200
1453624	-	94.5	98.5	9.5	-	1000
1453625	-	95.8	99.5	9.7	-	1000
1451065	-	96.5	100.0	9.5	-	1000
1451066	-	97.5	101.6	10.0	-	1000
1451067	-	98.5	101.8	9.6	-	1000
1451068	-	99.5	103.7	10.4	-	1000
465680	99.5	101.8	113.8	9.0	1.4	500

\*Style variation with flange

# QUESTIONS? GIVE US A CALL

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# KEEP IT SAFE WITH OUR PROTECTION SOLUTIONS

Tell us what you're protecting:



## GENERAL PROTECTION

Keep out dirt, dust and grime during production, transportation and storage to maintain the quality of your application.



**TAPERED CAPS/PLUGS**

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**CENTRE PULL PLUGS**

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**BARREL PLUGS**

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**EZEPLUGS**

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**FLEXICAPS**

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## SPECIALIST PROTECTION

Leaks and residue from hydraulics can wreak havoc, so rely on our range of specialist, fluid protection solutions.



**O-RING  
THREADED PLUGS**

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**FLUID  
ABSORPTION PLUG**

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**BANJO  
UNION CAPS**

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**HEXAGONAL  
CAPS**

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**SIDE RELEASE  
PLUGS**

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## MASKING

When it comes to achieving optimum results during surface treatment, our range of masking solutions have you covered, for holes and ingresses as well as the surface itself.



**HIGH-TEMPERATURE  
PLUGS**

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**HIGH-TEMPERATURE  
FLANGELESS PLUGS**

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**DIE CUT  
(CUSTOM MASKING)**

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**PULL-TAB  
FLEXICAPS**

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**MOSS  
CAPS**

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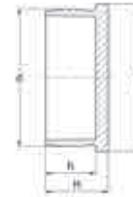
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## Barrel Plugs

SR 1011

Natural/White/Black LDPE

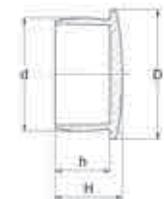
- General-purpose plug for a wide range of applications
- Quick to fit and remove
- Convex sides to ensure secure fit



Type 1  
Straight Top



Type 2  
Straight Walls



Type 3  
Curved Walls

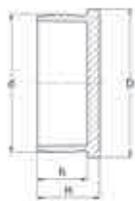
Part Number	Colour	Type	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
				d	D	h	H	
055002200003	Natural	2	-	2.1	3.5	7.0	-	1000
055002500003	Natural	2	-	2.6	12.0	4.0	-	1000
055002600003	Natural	2	-	2.7	12.0	6.0	-	1000
055003200003	Natural	2	-	3.3	12.0	6.0	7.7	1000
055004400003	Natural	2	-	4.4	9.0	5.2	6.5	1000
054044911303	White	2	-	4.4	9.0	5.2	6.5	1000
054044922003	Black	2	-	4.4	9.0	5.0	6.5	1000
055004700003	Natural	2	-	4.6	7.0	5.0	6.2	1000
054047760003	White	2	-	4.6	7.0	5.0	6.2	1000
054047769903	Black	2	-	4.6	7.0	5.0	6.2	1000
055005200003	Natural	2	-	5.1	11.0	6.0	8.0	1000
055005211303	White	2	-	5.1	11.0	6.0	8.0	1000
055005222003	Black	2	-	5.1	11.0	6.0	8.0	1000
10876	Natural	2	-	5.4	12.0	7.5	9.5	10000
054054211303	White	2	-	5.4	12.0	7.5	7.5	1000
494365	Black	2	-	5.4	12.0	7.5	9.5	500
054054560003	White	2	-	5.4	15.0	7.5	-	1000
054054569903	Black	2	-	5.4	15.0	7.5	-	1000
055006000003	Natural	2	-	6.0	11.0	7.0	-	1000
054060111303	White	2	-	6.0	11.0	7.0	-	1000
054060122003	Black	2	-	6.0	11.0	7.0	-	1000
054060260003	White	2	-	6.0	12.0	7.0	-	1000
054060269903	Black	2	-	6.0	12.0	7.0	-	1000
054060560003	White	2	-	6.0	15.0	7.0	-	1000
054060569903	Black	2	-	6.0	15.0	7.0	-	1000
1287228	Natural	1	-	6.3	9.6	4.0	5.1	1000
055006600003	Natural	2	-	6.6	7.5	5.0	-	1000
055006611303	White	2	-	6.6	7.5	5.0	-	1000
055006622003	Black	2	-	6.6	7.5	5.0	-	1000
055007000003	Natural	2	-	7.2	11.0	6.5	8.4	500
054070111303	White	2	-	7.2	11.0	6.5	-	1000
054070122003	Black	2	-	7.2	11.0	6.5	-	1000
054070260003	White	2	-	7.2	12.0	6.5	-	500
054070269903	Black	2	-	7.2	12.0	6.5	-	500
054070560003	White	2	-	7.2	15.0	6.5	-	500
054070569903	Black	2	-	7.2	15.0	6.5	-	500
055007300003	Natural	2	-	7.3	11.0	6.0	8.0	500
12135	Natural	1	M8 x 1. 5/16" x 24 UNF	7.3	14.0	6.0	8.0	10000
494366	Black	1	M8 x 1. 5/16" x 24 UNF	7.3	14.0	6.0	8.0	500
055007500003	Natural	2	-	7.5	10.7	4.5	6.2	500
055008000003	Natural	2	-	8.0	12.0	7.5	9.5	500
054080260003	White	2	-	8.0	12.0	7.5	-	500
054080269903	Black	2	-	8.0	12.0	7.5	-	500
054080560003	White	2	-	8.0	15.0	7.5	-	500
054080569903	Black	2	-	8.0	15.0	7.5	-	500
12136	Natural	1	-	8.4	14.0	6.0	8.0	10000
494367	Black	1	-	8.4	14.0	6.0	8.0	500
055008400003	Natural	2	-	8.5	12.0	4.0	-	500

CONTINUED ON NEXT PAGE

## Barrel Plugs CONTINUED

SR 1011

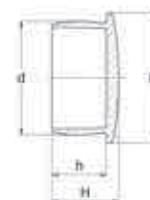
Natural/White/Black LDPE



Type 1



Type 2



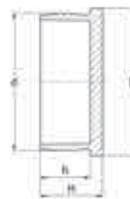
Type 3

Part Number	Colour	Type	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
				d	D	h	H	
055008500003	Natural	2	-	8.5	12.0	8.0	9.7	500
054085211303	White	2	-	8.5	12.0	8.0	-	500
054085222003	Black	2	-	8.5	12.0	8.0	-	500
054085560003	White	2	-	8.5	15.0	8.0	-	500
054085569903	Black	2	-	8.5	15.0	8.0	-	500
055008422003	Black	2	-	8.5	12.0	4.0	-	500
055008411303	White	2	-	8.5	12.0	4.0	-	500
055008800003	Natural	2	-	8.8	11.5	8.0	9.5	500
055008822003	Black	2	-	8.8	11.5	8.0	9.5	500
055008811303	White	2	-	8.8	11.5	8.0	-	500
055009300003	Natural	3	-	9.3	12.0	9.0	11.5	500
055009322003	Black	3	-	9.3	12.0	9.0	11.5	500
055009311303	White	3	-	9.3	12.0	9.0	-	500
10905	Natural	1	M10	9.3	14.0	4.5	6.5	6000
494368	Black	1	M10	9.3	14.0	4.5	6.5	500
12978	Natural	1	1/8" BSP, M10 x 1.5	9.3	16.0	5.9	8.3	6000
055010100003	Natural	2	-	10.0	12.0	4.0	5.7	500
054100311303	White	2	-	10.0	12.0	4.0	-	500
054100322003	Black	2	-	10.0	12.0	4.0	-	500
054100260003	White	2	-	10.0	12.0	9.0	-	500
054100269903	Black	2	-	10.0	12.0	9.0	-	500
055010000003	Natural	2	-	10.0	15.0	9.0	11.2	500
054100560003	White	2	-	10.0	15.0	9.0	-	500
054100569903	Black	2	-	10.0	15.0	9.0	-	500
055010700003	Natural	3	-	10.5	14.8	8.7	11.4	500
055010722003	Black	3	-	10.5	14.8	9.0	11.4	500
055010711303	White	3	-	10.5	14.8	9.0	-	500
12977	Natural	1	M10 x 1.5	10.7	14.0	6.0	8.2	6000
494369	Black	1	M10x 1.5	10.7	14.0	6.0	8.2	500
125531	Natural	2	M12 x 1.25, M12 x 1	11.3	14.4	5.5	9.5	1000
055011900003	Natural	3	-	11.9	14.8	8.0	-	500
055011922003	Black	3	-	11.9	14.8	8.0	-	500
055011911303	White	3	-	11.9	14.8	8.0	-	500
110478	Natural	1	-	11.9	16.0	7.0	9.0	5000
494370	Black	1	-	11.9	16.0	7.0	9.0	500
054119860003	White	3	-	11.9	17.5	8.5	-	500
054119869903	Black	3	-	11.9	17.5	8.5	-	500
10906	Natural	1	M14 x 1.5	12.3	16.0	7.0	9.0	5000
494371	Black	1	M14 x 1.5	12.3	16.0	7.0	9.0	500
055012500003	Natural	3	-	12.8	17.5	9.0	11.9	500
055012522003	Black	3	-	12.8	17.5	9.0	-	500
055012511303	White	3	-	12.8	17.5	9.0	-	500
12979	Natural	1	M14 x 1.5	12.8	20.0	7.8	10.3	5000
494372	Black	1	M14 x 1.5	12.8	20.0	7.8	10.3	500
055013200003	Natural	3	-	13.2	17.5	8.0	-	500
1287226	Natural	1	M14 x 1.5, M14 x 1.25	13.3	18.7	7.0	9.0	1000
12787	Natural	1	-	13.7	20.0	8.0	10.0	5000
494373	Black	1	-	13.7	20.0	8.0	10.0	500

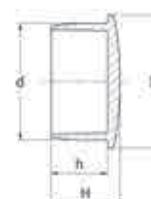
**Barrel Plugs** *CONTINUED*

SR 1011

Natural/White/Black LDPE



Type 1



Type 2



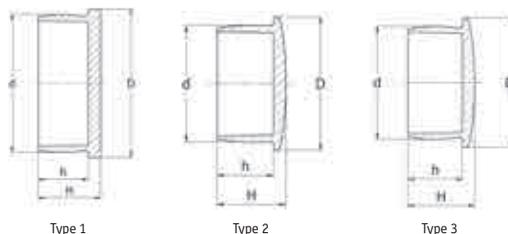
Type 3

Part Number	Colour	Type	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
				d	D	h	H	
05501360003	Natural	3	-	13.9	19.5	9.0	-	500
1255332	Natural	2	M16 x 1.5	14.0	18.7	7.0	9.0	1000
12089	Natural	1	M16	14.5	20.0	5.5	7.5	5000
494374	Black	1	M16	14.5	20.0	5.5	7.5	500
05501430003	Natural	3	-	14.9	18.5	9.0	11.7	500
055014322003	Black	3	-	14.9	18.5	9.0	11.7	500
055014311303	White	3	-	14.9	18.5	9.0	-	500
1287225	Natural	1	M16 x 1.5	15.0	18.7	7.0	9.0	1000
05501540003	Natural	3	-	15.4	19.0	8.5	11.5	500
054154911303	White	3	-	15.4	19.0	8.5	-	500
054154922003	Black	3	-	15.4	19.0	8.5	-	500
12789	Natural	1	M18 x 2.5. 3/8" BSP	15.6	20.0	8.0	10.0	5000
494375	Black	1	M18 x 2.5. 3/8" BSP	15.6	20.0	8.0	10.0	500
05501570003	Natural	3	-	15.9	19.0	8.5	10.8	500
055015722003	Black	3	-	15.9	19.0	8.5	-	500
055015711303	White	3	-	15.9	19.0	8.5	-	500
1287229	Natural	2	M18 x 2. M18 x 1.5. M18 x 1	16.5	18.7	7.0	9.0	1000
05501680003	Natural	3	-	17.0	19.5	9.0	11.6	500
055016822003	Black	3	-	17.0	19.5	9.0	-	500
055016811303	White	3	-	17.0	19.5	9.0	-	500
12790	Natural	1	-	17.0	22.0	8.2	10.8	5000
494376	Black	1	-	17.0	22.0	8.2	10.8	500
05501720003	Natural	2	-	17.4	23.0	9.5	-	500
465687	Natural	1	M20 x 2	17.8	24.6	9.0	11.3	1000
12791	Natural	1	M20 x 2.5	18.4	25.0	8.0	10.5	5000
494377	Black	1	M20 x 2.5	18.4	25.0	8.0	10.5	500
05501830003	Natural	2	-	18.8	21.5	9.0	12.0	500
12792	Natural	1	1/2" BSP	19.3	25.0	8.0	11.0	5000
494378	Black	1	1/2" BSP	19.3	25.0	8.0	11.0	500
465688	Natural	1	M22 x 2	19.5	24.6	9.0	11.1	1000
05501960003	Natural	2	-	19.6	25.5	9.3	-	500
1255333	Natural	1	M22 x 1.5	20.1	24.6	9.0	11.1	500
05502000003	Natural	3	-	20.5	25.2	9.0	12.0	250
055020022003	Black	3	-	20.5	25.2	9.0	12.0	500
055020011303	White	3	-	20.5	25.2	9.0	-	500
12980	Natural	1	M22 x 1.5	20.5	30.0	10.7	13.2	3000
05502100003	Natural	2	-	21.0	25.6	12.6	15.6	250
055021022003	Black	2	-	21.0	25.6	12.6	15.6	500
055021011303	White	2	-	21.0	25.6	12.6	-	500
12793	Natural	1	3/8" BSP	21.2	25.0	7.5	9.5	5000
12794	Natural	1	-	21.7	25.0	8.0	10.5	4000
494379	Black	1	-	21.7	25.0	8.0	10.5	500
12796	Natural	1	M24 x 2	22.4	28.0	9.0	12.0	4000
494380	Black	1	M24 x 2	22.4	28.0	9.0	12.0	500
05502230003	Natural	3	-	22.6	29.0	9.0	-	500
05502300003	Natural	1	-	23.0	27.4	19.3	20.8	100
12797	Natural	1	-	23.4	28.0	9.0	12.0	4000
494381	Black	1	-	23.4	28.0	9.0	12.0	500

## Barrel Plugs CONTINUED

SR 1011

Natural/White/Black LDPE



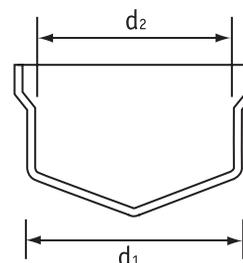
Part Number	Colour	Type	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
				d	D	h	H	
055024000003	Natural	1	-	24.0	27.0	12.8	14.4	100
12799	Natural	1	M26. 3/4" BSP	24.6	28.0	9.0	12.0	3000
494382	Black	1	M26. 3/4" BSP	24.6	28.0	9.0	12.0	500
055025500003	Natural	2	-	24.8	31.5	6.0	8.2	100
055024500003	Natural	3	-	25.0	32.0	13.0	16.2	100
12800	Natural	1	M27	25.5	28.0	7.5	9.5	3000
494383	Black	1	M27	25.5	28.0	7.5	9.5	500
055026000003	Natural	3	-	26.0	31.5	12.3	-	500
055026100003	Natural	2	-	26.0	31.5	12.0	-	500
12801	Natural	1	M28 x 1.5	26.5	28.0	9.0	12.0	4000
494384	Black	1	M28 x 1.5	26.5	28.0	9.0	12.0	500
055027200003	Natural	2	-	27.0	29.6	15.0	16.4	100
465690	Natural	1	M30 x 3	27.5	34.8	12.0	14.5	500
055028600003	Natural	3	-	28.6	34.0	15.0	18.8	100
12802	Natural	1	-	29.0	36.0	12.0	15.0	3000
12803	Natural	1	7/8" BSP	30.5	36.0	12.0	15.0	2500
494385	Black	1	7/8" BSP	30.5	36.0	12.0	15.0	500
055031200003	Natural	3	-	31.2	38.0	13.0	-	500
12804	Natural	1	M33 x 1.5. 1" BSP	31.8	36.0	10.0	12.5	2000
1255334	Natural	1	M33 x 2. M33 x 1.5. M36 x 3	32.6	34.8	12.0	14.5	500
055033500003	Natural	3	-	33.5	41.0	12.0	14.8	100
12805	Natural	1	M35 x 1.5	33.5	36.0	12.0	15.0	2000
494386	Black	1	M35 x 1.5	33.5	36.0	12.0	15.0	500
055034000003	Natural	1	-	34.0	40.0	20.0	-	500
110479	Natural	1	-	34.8	42.0	15.0	18.0	2000
055035600003	Natural	2	-	35.5	46.5	15.0	19.5	100
110480	Natural	1	-	36.5	42.0	15.0	18.0	2000
055036500003	Natural	3	-	36.5	46.5	18.0	-	500
465692	Natural	1	M39 x 3	37.6	40.4	12.0	14.5	500
110481	Natural	1	-	38.4	42.0	15.0	18.0	2000
1258454	Natural	1	M39 x 1.5. M42 x 3	39.0	49.3	16.0	18.9	500
055039500003	Natural	3	-	39.5	46.0	16.0	-	500
110482	Natural	1	-	40.6	44.0	15.0	18.0	1500
055042000003	Natural	3	-	42.2	44.5	13.0	-	500
10122	Natural	1	-	42.3	48.0	15.0	18.0	1000
055043300003	Natural	3	-	43.3	50.5	15.0	18.0	100
055045500003	Natural	3	-	45.3	51.0	16.0	-	500
055045800003	Natural	3	-	45.8	51.0	16.0	-	500
110483	Natural	1	-	46.0	55.0	18.0	21.0	1500
055050500003	Natural	3	-	50.5	57.0	14.0	19.4	100
110484	Natural	1	1 3/4" BSP	51.5	55.0	18.0	21.0	1500
055052000003	Natural	3	-	52.5	60.0	14.0	17.5	100
465694	Natural	1	M56 x 4. M56 x 3. M56 x 2	54.1	58.7	18.0	21.0	500
055055300003	Natural	1	-	55.3	59.5	19.5	23.0	100
055055500003	Natural	3	-	55.5	59.0	16.0	-	500
055058000003	Natural	3	-	58.0	63.0	19.5	-	500
110485	Natural	1	2" BSP	58.0	64.0	18.0	21.0	750
465695	Natural	1	-	59.6	73.5	18.0	21.0	500
055061500003	Natural	3	-	61.0	74.0	19.0	-	250
12137	Natural	1	M72 X 2	70.0	78.0	18.0	21.5	500
055070000003	Natural	3	-	70.0	80.0	18.0	-	250
465696	Natural	1	M75 x 1.5	73.7	82.3	17.4	20.4	250
1287227	Natural	1	M80 x 4	80.8	92.5	17.4	20.4	250
055085000003	Natural	1	-	85.0	93.5	18.0	19.7	50
465698	Natural	1	M76 x 2	86.5	99.3	17.4	20.4	250
465699	Natural	1	M100 x 2	98.8	112.0	17.4	20.4	250
055110000003	Natural	2	-	110.5	130.0	18.0	21.5	50
465700	Natural	1	M115 x 4	111.7	123.0	17.4	20.4	250

## Flexiplugs

SR 1070

Black Flexible PVC

- Ideal for threaded and plain holes
- Resistant to splitting and shredding

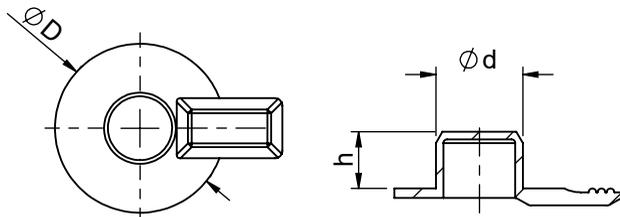


Part Number	Dimensions (mm)		To Fit Thread Size		Standard Pack Quantity
	d1	d2	UNF	Metric	
FPWA-072	7.2	4.4	5/16"	M8	5000
FPWA-091	9.1	6.4	3/8"	M10	5000
FPWA-103	10.3	7.5	7/16"	-	5000
FPWA-118	11.8	9.0	1/2"	M12	5000
FPWA-135	13.5	10.7	9/16"	M14	5000
FPWA-154	15.4	12.6	5/8"	M16	5000
FPWA-191	19.1	16.3	3/4"	M20	2000
FPWA-216	21.6	18.8	7/8"	M24	2500
FPWA-258	25.8	23.0	1 1/16"	M27	2500
FPWA-302	30.2	27.4	1 3/16"	M33	2500

## Parallel Plug with Tear Tab

SR: F-0000

LDPE Black



Part Number	Dimensions (mm)			Standard Pack Quantity
	d	D	h	
110817	7.5	18.5	6.5	5000
110818	11.5	22.5	7.6	5000
110819	15.5	28.5	10.0	2000

## Ezeplugs

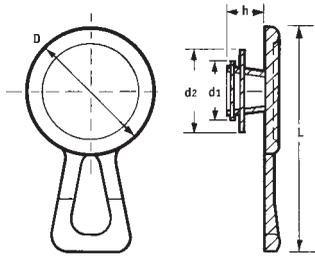
SR 1055

Red LDPE

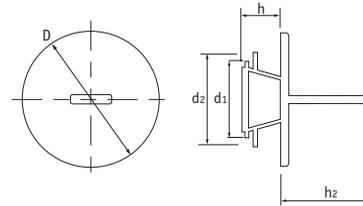
- Patented design
- Simple push fit
- Fit threaded or plain ports
- Six sizes cover over 29 popular thread sizes
- Strong, flexible pull-tab for quick removal



Type 1 - Lateral Pull



Type 2 - Central Pull



Type 1 – Lateral Pull

Part Number	To Fit Thread Size			Dimensions (mm)					Standard Pack Quantity
	UNF	BSP	Metric	h	D	d1	d2	L	
10093	7/16"	3/8"	M10, M12	9.0	19.0	9.0	13.2	34.0	5000
10094	1/2", 3/8", 9/16"	3/4"	M14, M16	6.7	22.7	11.7	16.4	40.0	5000
10095	3/4"	3/8"	M18, M20	8.0	30.0	15.5	19.5	47.0	4000
10096	7/8"	1/2", 5/8"	M22, M24	9.5	34.3	19.3	23.8	51.4	3000
10778	1 1/16", 1 1/8"	3/4"	M26, M28	9.5	40.0	22.5	27.6	57.0	2000
110001	1 1/4", 1 3/8"	1"	M30, M36	10.0	45.0	29.9	34.5	62.0	1500

Type 2 – Central Pull

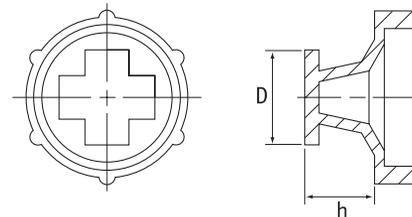
Part Number	To Fit Thread Size			Dimensions (mm)					Standard Pack Quantity
	UNF	BSP	Metric	h	D	d1	d2	h2	
467027	7/16"	3/8"	M10, M12	9.0	19.0	9.0	13.2	21.2	500
467028	1/2", 3/8", 9/16"	3/4"	M14, M16	7.0	22.7	12.0	16.5	21.2	500
467029	3/4"	3/8"	M18, M20	8.0	29.5	15.0	19.5	21.4	250
467030	7/8"	1/2", 5/8"	M22, M24	9.5	34.3	19.3	23.8	21.4	250
467031	1 1/16", 1 1/8"	3/4"	M26, M28	9.5	40.0	22.5	27.6	21.5	100
467032	1 1/4", 1 3/8"	1"	M30, M36	10.0	45.0	29.9	34.5	21.6	100

## Uniplugs

SR 1039

Red LDPE

- Unique design allows quick and secure fitting into threaded holes



Part Number	To Fit Thread Size				Dimensions (mm)		Standard Pack Quantity
	NPT	UNF	BSP	Metric	h	D	
10538	3/8"	7/16"	3/8"	M10	11.0	6.1	10000
15987	-	1/2"	3/4"	M12	12.3	8.3	10000
10537	1/4"	9/16"	-	M14	14.5	7.2	10000
10533	-	3/4"	1/2"	M20	19.7	9.5	5000
10532	-	1"	5/8-3/4"	M22-26	25.1	11.3	5000
10515	3/4"	1 1/16"	7/8"	M30	31.4	11.0	2000
10531	-	1 1/16"	1"	M33-36	37.7	12.5	2000

## Finned Plugs

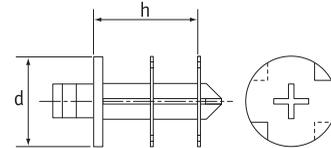
SR 1069

Blue LDPE

- Prevents ingress of dirt into tubing
- Quick to fit and remove
- Small unobtrusive pull-tab
- Ideal for use in thin-walled copper tube



Part Number	Dimensions (mm)			Standard Pack Quantity
	d (ins)	To Fit Tube Dia (mm)	h (mm)	
110771	3/8"	9.5	9.0	5000
110772	1/2"	12.7	12.2	5000
110773	5/8"	15.9	15.2	5000
110774	3/4"	19.0	18.5	2500
110775	7/8"	22.2	21.7	2500
110776	1 1/8"	28.6	28.0	2500



## Flangeless Plugs

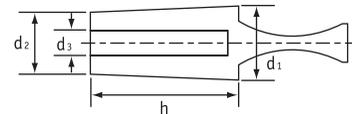
SR 1034

Black PVC

- Tapered shank and hollow core
- Each size fits a range of threads



Part Number	Dimensions (mm)				Standard Pack Quantity
	d1	d2	h	d3	
105101*	3.2	1.5	15.0	-	10000
103981*	5.0	3.0	15.0	-	10000
184091*	6.0	4.0	25.0	-	6000
11132	8.0	6.0	25.0	2.5	6000
11133	10.0	8.0	25.0	4.0	4000
11134	12.0	10.0	25.0	6.0	4000
11135	14.0	12.0	25.0	8.0	3000
11136	16.0	14.0	25.0	10.0	2000
11137	18.0	16.5	25.0	12.0	2000



† Thermoplastic rubber. \* Plain Shanks.

## Collar Plugs

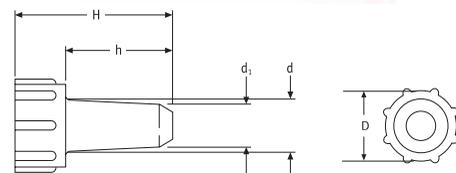
SR 1160

Orange LDPE

- Self-tapping design
- Highly durable due to thick wall



Part Number	Size	Dimensions (mm)					Standard Pack Quantity
		D	d	d1	H	h	
464111	M2	8.0	2.0	1.3	14.5	7.5	5000
464112	M3	8.0	3.0	2.2	20.0	12.0	5000
464113	M4	8.0	3.9	2.9	22.5	15.0	2500
464114	M5	9.0	5.0	3.7	27.5	17.5	2500
464115	M6	10.0	5.8	4.4	27.5	17.5	2500
464116	M7	11.0	6.5	5.2	27.5	17.5	2500
464117	M8	14.0	7.5	6.2	27.5	17.5	2000
464118	M9	14.0	8.5	6.8	27.5	17.5	2000
464119	M10	16.0	9.5	7.6	30.5	20.5	1500
464120	M12	18.0	11.0	9.6	30.5	20.5	1500

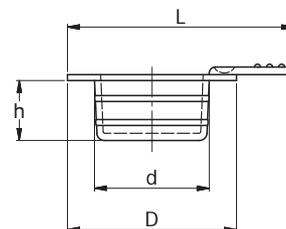
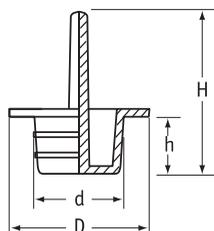


## Moss Pull Plugs

SR 1067

Black Thermoplastic Elastomer

- Protect threaded or plain components
- Handy pull-tab for easy removal
- Acid-resistant
- Material temperature: -50°C to +95°C
- Ideal for hydraulic and general engineering applications



### Type 1 – Central Pull Plugs

Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity
		d	D	h	H	
464905	M8	7.5	15.5	8.0	24.0	500
110043	M10	9.5	17.5	8.0	30.0	8000
110044	M12	11.5	19.5	8.0	30.0	7000
110045	M14	12.8	21.5	10.0	30.0	6000
110046	M16	15.2	23.5	10.0	32.0	4000
464906	M18	17.0	26.0	10.0	30.0	500
464907	M20	19.4	27.5	12.0	26.0	500
464908	M22	21.4	29.5	12.0	26.0	250
464909	M24	23.5	28.5	12.0	26.0	250

### Type 2 – Lateral Pull Plugs

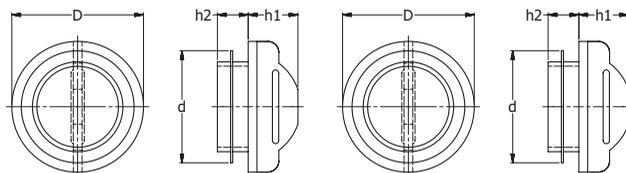
Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity
		d	D	h	H	
464857	M6	5.5	15.5	8.0	23.2	500
110291	M8	7.5	15.0	8.0	25.3	7000
110280	M10	9.5	17.0	8.0	27.3	7000
110281	M12	11.5	17.0	8.0	27.5	7000
110282	M14	13.0	21.0	10.0	31.0	6000
110283	M16	15.5	23.0	10.0	33.3	4000
110294	M18	17.0	26.0	10.0	35.5	4000
464858	M20	19.4	27.5	12.0	37.1	500
464859	M22	21.4	29.5	12.0	39.4	250
464860	M24	23.5	28.5	12.0	40.8	250

## Snap-Fit Plugs

SR 1008

Red LDPE

- Single turn gives tight fit once pushed into position



Part Number	To Fit Thread Size			Dimensions (mm)				Standard Pack Quantity
	Metric	BSP/GAS	UNF/JIC	h	D	d1	h2	
10530	M10	1/8"	7/16"	9.8	-	6.0	4.0	12000
12363	M12, M13, M14	1/4"	1/2"	13.1	15.8	12.0	5.0	10000
12364	M16	3/8"	5/8"	16.5	19.5	14.0	5.0	10000
10314	M18	-	3/4"	18.3	21.5	11.5	7.0	7000
12365	M20	1/2"	-	21.3	22.7	12.0	7.0	5000
12366	M22	5/8"	7/8"	22.4	25.8	12.0	7.0	5000
12621	M24	-	-	23.5	28.2	12.0	7.0	3000
12367	M25, M26	3/4"	1 1/16"	25.5	29.9	12.0	7.0	2000
12368	M28	7/8"	1 1/8"	27.9	32.7	12.0	7.0	3000
12369	M32	1"	1 5/16"	32.0	35.6	12.0	7.0	2500
12622	M36	1 1/8"	1 1/2", 1 3/8"	35.7	39.7	12.0	7.0	2000
12598*	M40, M42	1 1/4"	1 5/8"	41.5	45.4	7.0	7.0	2000

\*Pull-tab not as illustrated.

## Hinge-Bearing Protection Plug Closed

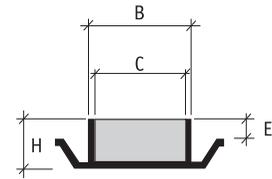
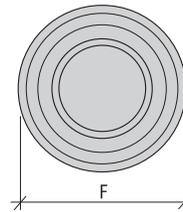
SR F-0007

Polypropylene Grey

- Robust protection
- Prevents dirt and dampness to enter hinges-bearings and swivel joints
- Temperature: Min. -10°C, Max. +110°C



Part Number	Dimensions (mm)					Standard Pack Quantity
	B	C	H	F	E	
3430000	12.0	10.4	7.0	22.0	4.5	1000
3430500	16.0	14.4	9.0	28.0	6.0	1000
3391000	20.0	16.8	9.7	34.0	5.9	1000
3431000	20.0	17.5	9.1	35.1	4.1	1000
3392000	25.0	21.7	11.8	40.4	8.1	500
3432000	25.0	22.5	11.3	42.1	3.9	500
3393000	30.5	27.1	13.5	44.2	10.0	500
3433000	32.0	29.5	15.0	52.1	6.5	250
3394000	35.5	31.9	13.6	53.0	9.5	250
3433500	35.0	32.0	17.3	53.1	8.8	250
3395000	40.5	37.0	16.3	60.0	9.8	250
3434000	40.0	37.5	19.1	62.1	7.8	250
3396000	45.5	41.7	15.9	65.2	11.0	200
3434500	44.2	42.4	20.8	70.0	8.1	800
3397000	50.5	47.2	17.0	71.7	11.8	200
3435000	50.0	47.5	23.7	75.1	10.2	600
3398000	60.5	56.8	20.0	85.9	14.1	500
3436000	63.0	60.5	30.4	94.5	14.8	300
3399000	70.5	66.8	20.0	100.7	13.7	400
3400000	80.5	76.9	20.0	110.7	13.7	300
3401000	90.5	87.5	18.2	119.9	11.5	250
3402000	100.5	97.5	20.0	130.4	14.5	250
3403000	120.5	116.0	21.5	175.0	11.0	100



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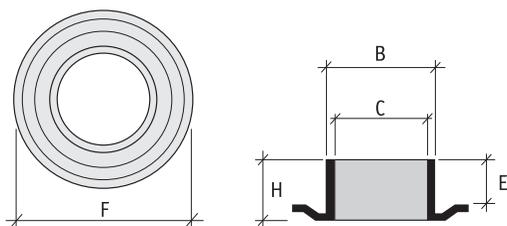
## Hinge-Bearing Protection Plugs Opened

SR F-0008

Polypropylene Grey



- Robust protection preventing dirt and dampness to enter hinges-bearings and swivel joints
- Profile has an open centre to provide opportunity to suspend the part during storage and painting
- Temperature: Min. -10°C, Max. +110°C



Part Number	Dimensions (mm)					Standard Pack Quantity
	B	C	H	F	E	
3410900	12.0	11.0	6.4	21.0	3.5	1000
3410852	16.0	13.8	7.8	29.0	4.5	1000
3411000	20.0	17.0	12.2	33.8	8.5	500
3411500	25.0	22.0	14.0	40.2	10.0	500
3412000	30.0	27.0	15.0	44.3	10.9	500
3413000	35.0	32.0	17.0	53.0	12.4	250
3414000	40.0	37.0	20.6	59.7	14.1	250
3415000	50.0	47.0	23.1	71.5	17.3	750
3416000	60.0	57.1	28.5	85.5	22.4	400

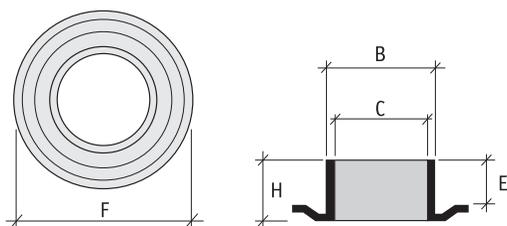
## Hinge-Bearing Protection Plugs Opened

SR F-0016

LDPE Yellow



- Robust protection preventing dirt and dampness to enter hinges-bearings and swivel joints
- Profile has an open centre to provide opportunity to suspend the part during storage and painting
- Temperature: Min. -30°C, Max. +50°C



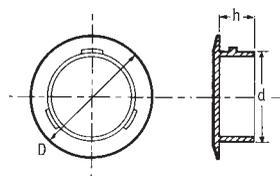
Part Number	Dimensions (mm)					Standard Pack Quantity
	B	C	H	F	E	
3483100	20.0	17.7	8.5	32.0	5.0	1000
3483200	25.0	22.7	10.5	39.8	7.0	500
3483300	30.0	27.7	11.5	46.5	8.0	500
3483400	35.0	32.7	13.0	54.5	9.0	250
3483500	40.0	37.0	14.7	60.0	10.0	250
3483600	45.0	42.0	17.0	66.0	11.5	200
3483700	50.0	47.4	18.5	73.0	13.0	1000
3483800	60.0	56.7	23.0	85.0	18.5	400
3483900	70.0	67.0	25.5	99.5	20.0	300
3484000	80.0	76.5	28.5	115.0	22.0	250

## Push-In Plugs

SR 1010

LDPE

- Quick fitting
- Suitable for most applications



### Blue UNF/JIC

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	d	
12512	7/16" x 20	15.5	7.0	9.5	10000
12513	1/2" x 20	17.0	7.0	11.0	10000
12514	9/16" x 18	20.5	7.0	12.5	10000
12515	5/8" x 18	23.7	6.5	14.3	10000
12516	3/4" x 16	24.9	8.6	17.4	8000
12517	7/8" x 14	26.6	10.4	20.3	5000
12518	1" x 14	31.0	10.0	23.5	4000
12519	1 1/16" x 12	35.5	10.0	24.8	2000

### Red Without Lugs

Part Number	Dimensions (mm)			Standard Pack Quantity
	D	h	d	
12520	16.4	6.3	11.9	5000
12522	23.8	7.0	19.2	5000
12523	30.0	6.1	25.5	2500
12524	35.0	8.0	30.9	2000

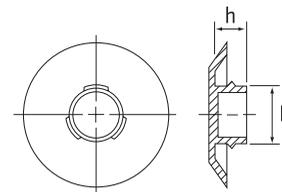
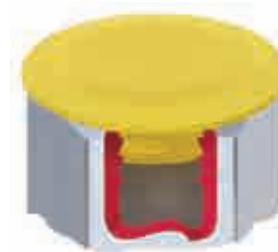
## Straight Pull Plugs

SR 1119

Yellow LDPE

- Provides all the advantages of a threaded plug with the ease of a push-in style

Part Number	To Fit UNF Thread Size	Dimensions (mm)		Standard Pack Quantity
		D	h	
I-1/4	1/4"	5.2	5.6	5000
I-5/16	5/16"	6.7	6.0	5000
I-3/8	3/8"	8.2	6.0	3000
I-7/16	7/16"	9.7	6.9	3000
I-1/2	1/2"	11.1	6.9	5000
I-9/16	9/16"	12.6	7.4	5000
I-5/8	5/8"	14.2	7.4	7500
I-11/16	11/16"	15.5	7.4	7000
I-3/4	3/4"	17.2	7.4	6000
I-13/16	13/16"	18.6	7.4	5000
I-7/8	7/8"	20.3	7.4	4500
I-1	1"	23.4	7.4	3500
I-1-1/16	1 1/16"	24.7	7.4	3000
I-1-3/16	1 3/16"	27.7	8.6	2000
I-1-1/4	1 1/4"	29.5	8.6	2000
I-1-5/16	1 5/16"	30.9	8.6	2000
I-1-5/8	1 5/8"	38.7	11.7	1000
I-1-7/8	1 7/8"	45.1	11.7	800



## Small Containers with Lids

SR 1651

Natural LDPE

- Snap-fit lids
- Ideal for small components and pastes

Part Number		Nominal Capacity (ml)	Internal Dimensions (mm)		Standard Pack Quantity
Base	Lid		D	h	
10514	10513	2.0	21.0	6.4	3000
1293853	1293855	10.0	33.3	10.7	3000
1295114	1295112	17.5	42.0	13.0	1500
1316297	1295113	30.0	51.5	14.5	1000
1316295	1295115	40.0	38.5	35.6	1500
1316296	1295113	100.0	50.8	51.0	500



## LPG Caps/Plugs

SR 1085

LDPE

- Developed with the LPG industry
- Help prevent dangerous gas leaks
- Meet LP Gas Association Code of Practice 15: Part 2
- Strapped to help prevent loss and for ease of replacement
- Marked with direction of fitting/removal

- Test Pressure
- Propane/mixes (styles 1 and 2) 26 bar
- Butane (style 3) 26 bar
- Independently tested to withstand these pressures, while providing gas-tight seal, even under extreme temperatures and adverse conditions (test results and certificate available on request)
- Materials Type 1: Plug: HDPE, Strap: LDPE. Type 2: Cap: HDPE. Type 3: Cap: HDPE, Strap: LDPE



Type 1



Type 2



Type 3

Part Number	Type	*Service Connection	**Valve Type	Valve Description	Main Gas Type	Standard Pack Quantity
464905	1	105	-	P.O.L ½" BSP - LHT	Propane	1000
110043	2	109	A	W21.8 x ½" LHT	Various	250
110044	3	403	-	20mm 'Quick-On'	Butane	1000

\*According to LP Gas Association Code of Practice 15: Part 2.

\*\*According to DIN 477 Part 1.

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## Gas Cylinder Valve Protectors

SR 1060

Yellow LDPE

- Developed in conjunction with major European gas companies
- Tamper evident
- Protect industrial gas valves from ingress of dust and dirt
- Unique vent flap allows safe release of gas following accidental opening of valve



Type 1



Type 2



Type 3



Type 4



Type 5



Type 6

Part Number		Nominal Diameter (mm)	Type	To Fit BS Valves†	Main Gases	Standard Pack Quantity
Standard	Vent Flap					
12940	110048*	21.7	1	-	-	2000
10781	110009	21.8	1	8	CO <sub>2</sub>	2000
110007	110008	24.3	1	-	-	2000
10783	-	25.4	1	-	-	2000
110005	110006	26.4	1	-	-	2000
10784	-	28.8	1	-	-	2000
10785	110004	22.2	2	2, 3, 4	N <sub>2</sub> , O <sub>2</sub> , H <sub>2</sub> , He, C <sub>2</sub> H <sub>2</sub> , Ar Medical	2500
10787	-	25.0	3	-		2000
110049	-	20.0	4	-	-	500
110583	-	30.0	4	-	-	500
110239	110240	30.0	5	**Nevoc	-	1000
-	110586	35.0	5	-	-	1000
-	110588	38.0	5	-	-	1000
110589	-	21.8	6	8	CO <sub>2</sub>	500
110590	-	24.3	6	-	-	500
110832	-	28.0	6	-	-	500
110592	-	30.0	6	**Nevoc	-	500

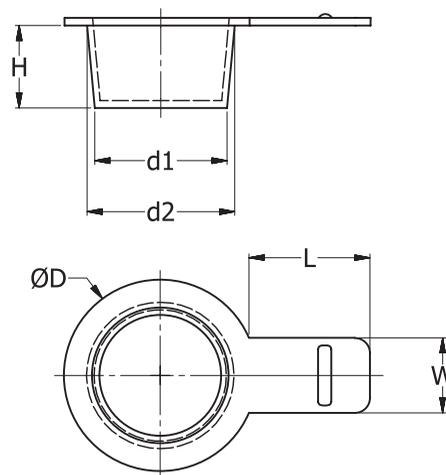
\*Supplied with vent strip. †According to standard BS341. \*\*Designed especially for N.E.V.O.C. valves with 30mm Whitworth outlets, as increasingly used on 300-bar cylinders. Other colours available; please contact our sales office for more details.

## Tapered Plug with Lateral Pull Tab

SR 1053

Natural Thermoplastic Elastomer

- The soft and flexible material provides a close fit
- The lateral pull tab makes for easy removal
- Suitable for various applications



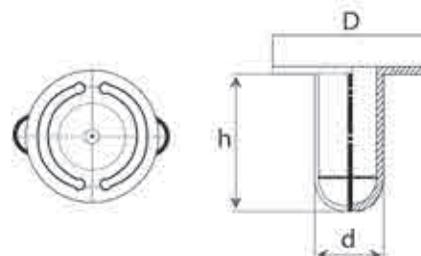
Part Number	Dimensions (mm)						Standard Pack Quantity
	d <sub>1</sub>	d <sub>2</sub>	D	H	W	L	
494297	5.0	7.0	11.0	9.5	7.0	15.0	5000
494298	6.0	8.0	12.0	9.5	7.0	15.0	5000
494299	7.0	9.5	13.5	9.5	7.0	15.0	5000
494300	8.0	10.0	14.0	9.5	8.0	15.0	5000
494301	9.5	11.5	15.5	9.5	8.0	15.0	5000
494302	10.5	12.5	16.5	9.5	8.0	15.0	5000
494303	11.5	13.5	17.5	9.5	8.0	15.0	5000
494304	12.5	14.5	18.5	10.0	8.0	15.0	5000
494305	13.5	15.5	19.5	10.0	10.0	15.0	5000
494306	14.2	16.2	20.2	10.0	10.0	15.0	5000
494307	14.5	17.0	21.0	10.0	10.0	15.0	2000
494308	15.5	18.0	22.0	10.0	10.0	15.0	2000
494309	17.5	19.5	23.5	10.0	10.0	15.0	2000
494310	19.0	21.5	25.5	11.0	10.0	15.0	2000
494311	21.0	23.5	27.5	11.0	10.0	15.0	2000
494312	22.5	25.5	29.5	12.0	12.0	15.0	2000
494313	25.0	28.0	32.0	12.0	12.0	15.0	2000
494314	29.0	31.5	35.5	12.0	12.0	15.0	2000

## Quick-Fit Connector Plug

SR F-0009

LDPE Yellow

- Protection plug for fuel system quick fit connectors
- Ring tab allows an easy removal and cover the connector wall when fitted



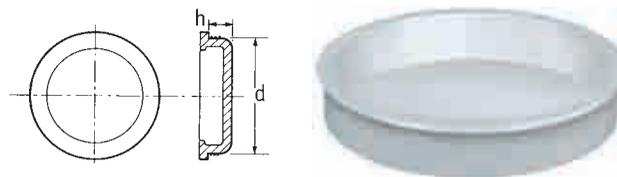
Part Number	To fit SAE J2044	Dimensions (mm)			Standard Pack Quantity
		d	h	D	
1460769	12	11.8	34.5	34.0	5000
1460770	½	12.8	35.0	35.0	5000
1460771	⅝	15.8	32.0	37.0	5000
1460772	24	24.0	30.0	46.0	5000

## Tube End Plugs

SR 1601

White LDPE

- Secure closures for postal tubes, composite containers and clear plastic tubing



### Shallow Range

Part Number	Dimensions (ins)		Standard Pack Quantity
	d	h	
12360	1.25	0.25	3000
12361	1.37	0.25	3000
12362	1.62	0.25	2000
11926	2.0	0.25	1200
11927	2.25	0.25	2000
11928	2.5	0.25	2000
11930	3.0	0.25	500

### Metric Range

Part Number	Dimensions (ins)		Standard Pack Quantity
	d	h	
11619	25.0	8.0	12500
11587	30.0	8.4	8000
12641	40.0	7.8	5000
12305#*	46.0	10.5	3000
12642	50.0	6.9	3000
10920	54.0	8.0	2500
12643	60.0	7.0	2000
12306#	63.0	10.5	1200
12644	71.5	8.0	1800
12307	78.4	10.8	800
12645	80.0	10.2	1000
10724	99.0	8.8	700
12646	100.0	10.8	500
12974	108.0	10.7	500
12964	150.0	12.2	200

#Finger grip style \*Comes with a vent hole option.

### Imperial Range

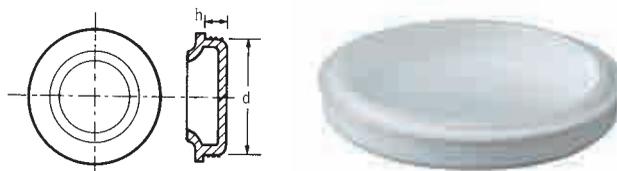
Part Number	Dimensions (ins)		Standard Pack Quantity
	d	h	
11123	1.5	0.375	2000
10290	1.75	0.375	1200
15141*	2.0	0.45	3000
10148	2.25	0.375	2000
15142*	2.5	0.45	2000
12300	2.56	0.375	1500
10291	2.75	0.437	1500
1330786*	3.0	0.43	1000
11357	3.25	0.50	800
12730	3.3	0.375	800
11358	3.5	0.50	700
11600	3.75	0.50	700
10138	4.0	0.50	600
11888	4.5	0.50	500
12304	4.75	0.50	400
11450	5.0	0.60	300
11898	5.5	0.50	300
11572	6.0	0.59	150
11974	6.5	0.58	200
51854	8.0	0.50	100

\*Incorporate bevelled lead-in for easy insertion.

## Tube End Plugs with All-Round Grip

SR 1603

White LDPE



### Imperial Range

Part Number	Dimensions (ins)		Standard Pack Quantity
	d	h	
12580	2.0	0.38	2000
12624	2.25	0.38	2000
10301	2.5	0.32	1500
12561	3.0	0.35	1000
12626	3.5	0.5	700
12627	4.0	0.32	600
12628	5.03	0.6	250
12629	6.0	0.5	150

### Metric Range

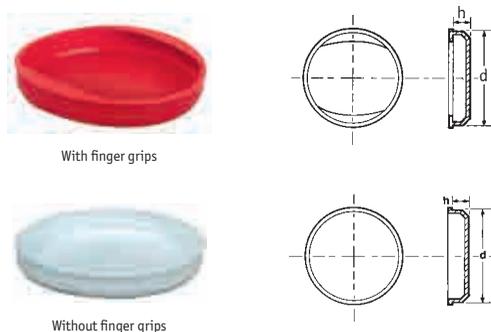
Part Number	Dimensions (ins)		Standard Pack Quantity
	d	h	
12580	50.0	9.5	2000
12581	60.0	9.5	1800
12582	66.0	7.5	750
10725	71.0	6.0	1000
12560	70.0	9.5	1000
12584	95.0	7.5	600

## Ribbed Tube End Plugs

SR 1604

White or Red LDPE

- Option with finger grip for easy removal



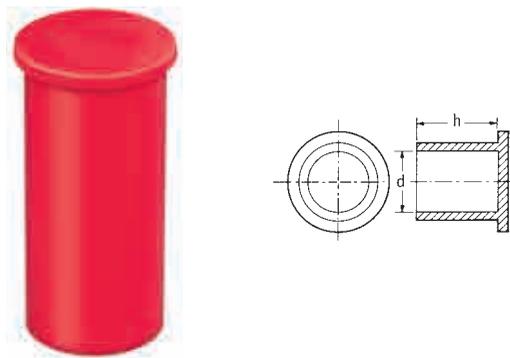
Part Number			Dimensions (ins)		Standard Pack Quantity
With Finger Grips		Without Finger Grips	d	h	
White	Red				
10254	10422	-	30.0	7.8	10000
199500	199104	10228	40.0	10.8	4000
199501	199126	10242	50.0	10.8	2500
199502	199128	10245	60.0	10.7	1750
199503	199175	10246	70.0	10.5	1000
199504	199060	10247	80.0	12.5	800
199505	199152	-	90.0	12.5	600
199506	199166	10248	100.0	12.5	500
10542	50126	-	110.0	12.8	350
199507	199508	-	120.0	12.2	300
10543	50192	-	125.0	13.0	300
10544	50194	-	135.0	13.3	200

## Stud Protection Caps

SR 1024/25/1124

LDPE

- Used throughout the automotive and engineering industries for protecting exposed studs



SR 1024 Natural LDPE

Metric with Knurled Head

Part Number	Dimensions (ins)		Standard Pack Quantity
	d	h	
12754	5.0	13.0	10000
12756	6.0	10.0	10000
12757	8.0	10.0	10000
12758	8.0	16.0	10000
12760	12.0	16.0	8000
10719	12.8	20.2	8000
12763	14.0	20.0	5000
12765	16.0	15.0	5000
12766	16.0	20.0	3000
12769	20.0	15.0	3000
12770	20.0	20.0	2000
12771	22.0	18.0	2000
12772	24.0	18.0	2000

## SR 1124 Natural LDPE Imperial Range

Part Number	UNF Thread	Dimensions (mm)			Standard Pack Quantity
		D	d	h	
E-3/8-A	3/8"	14.7	9.6	15.7	5000
E-1/2	1/2"	18.2	12.5	11.7	4000
E-9/16	9/16"	20.5	14.0	12.5	5900
E-3/4-CAT	3/4"	25.5	18.5	15.9	3000
E-13/16	13/16"	26.9	20.3	14.5	2500
E-7/8-CAT	7/8"	27.8	22.0	21.1	3500
E-1	1"	31.6	25.0	16.8	1500
E-1-3/16	1 3/16"	36.3	29.8	19.3	2000
E-2-1/2	2 1/2"	70.0	63.3	30.7	350

## SR 1025 Red LDPE

Part Number	Dimensions			Standard Pack Quantity
	d		h	
	(ins)	(mm)	(mm)	
11098*	-	4.4	12.7	5000
51534*	3/4"	6.4	41.3	7000
50454	3/16"	7.9	19.1	10000
60273	-	7.5	38.1	5000
10660	-	9.1	27.2	7000
11906	7/16"	11.1	23.8	6000
51051	-	11.9	22.2	5000
10618	-	11.9	28.6	4000
11160	-	12.7	27.3	4000
10243	1/2"	12.7	46.0	2500
11162	-	14.0	21.0	5000
10723	9/16"	14.3	33.6	1500
10720	5/8"	15.9	23.8	3000
60864	5/8"	15.9	71.8	1000
10691	3/4"	19.0	33.6	2000
10191	13/16"	20.6	36.5	1200
10426	7/8"	22.2	77.8	500
10959	-	23.5	55.5	600
11270	1"	25.4	62.8	500
11292	1 1/8"	28.6	62.8	400
11319	1 1/4"	32.0	58.5	1000
60807	1 1/2"	38.1	44.5	400

\*Black PVC

## Mini Flange Stud Protection Cap

SR1380

LDPE Natural

- Used to protect BSP/UNF Thread
- The small flange allows easy fitting with socket wrench

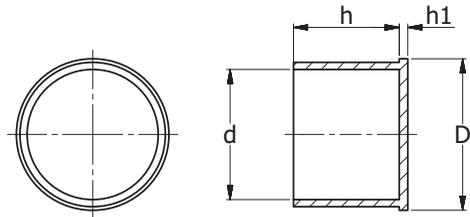


### BSP

Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity
		d	D	h1	h	
110855	3/4" x 14	26.0	29.0	1.2	19.5	2000
110853	3/8" x 19	16.3	19.3	1.0	12.0	2000
110857	1/4" x 19	12.8	15.8	1.0	10.0	2000

### UNF

Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity
		d	D	h1	h	
110856	9/16" x 18	13.8	16.8	1.0	12.0	2000
110859	11/16" x 16	17.0	20.0	1.0	13.0	2000
110854	3/4" x 16	18.6	21.6	1.2	15.0	2000
110858	13/16" x 16	20.2	23.2	1.2	15.0	2000



## Straight Flanged Caps

SR 1116

Natural LDPE

- Typically used to protect BSP/NPT threads with or without O-Rings

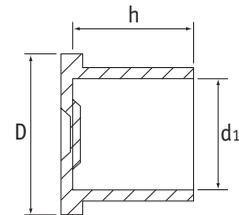


### Imperial

Part Number	BSP/NPT Thread	Dimensions (mm)			Standard Pack Quantity
		D	d1	h	
ECS-0125	1/8"	16.8	10.1	9.7	10000
ECS-0250	1/4"	20.6	13.5	13.5	9000
ECS-0375	3/8"	23.9	17.0	13.5	5000
ECS-0500	1/2"	27.7	21.2	18.3	3000
ECS-0750	3/4"	33.3	26.5	19.1	2000
ECS-1000	1"	39.6	33.3	23.6	1000
ECS-1250	1 1/4"	49.3	42.0	24.6	800
ECS-1500	1 1/2"	54.9	48.1	24.6	600
ECS-2000	2"	66.6	60.2	26.2	500

### Metric

Part Number	To Fit Metric Thread	Dimensions (mm)			Standard Pack Quantity
		D	d1	h	
ECM-10	M10	13.5	9.8	16.9	8000
ECM-12	M12	19.5	11.8	12.0	7000
ECM-14	M14	21.5	13.7	12.0	5000
ECM-16	M16	23.5	15.7	12.0	5000
ECM-18	M18	25.5	17.7	12.0	3000
ECM-20	M20	27.5	19.7	14.1	2500
ECM-22	M22	29.5	21.7	14.1	3000
ECM-33	M33	40.4	32.6	17.5	2000
ECM-38	M38	44.5	37.6	19.0	1000

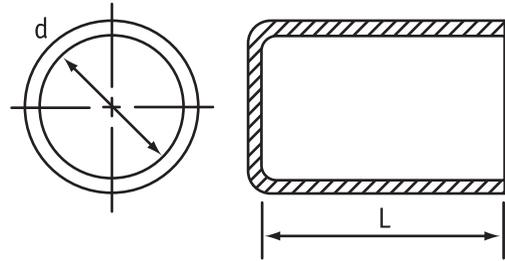
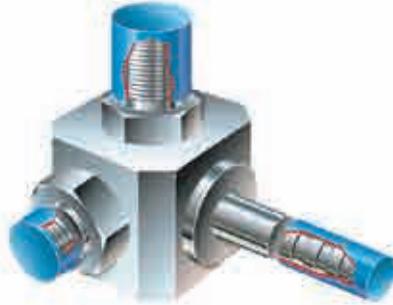


## Non-Threaded End Caps

SR 1062

Blue LDPE

- Available in a wide range of sizes
- Ideal for protecting threaded or non-threaded tubing, pipes and rods



Part Number	Dimensions				Standard Pack Quantity
	d		L		
	(ins)	(mm)	(ins)	(mm)	
A3/32W/RA	3/32"	2.4	19/32"	15.9	5000
A1/8W/RA	3/8"	3.2	19/32"	15.9	5000
110549	5/32"	3.9	5/8"	15.8	45000
110550	3/16"	4.7	5/8"	15.8	35000
110551	1/4"	6.3	7/8"	22.2	5000
L1/4A	1/4"	6.4	1 3/4"	44.5	7500
AS9/32A	9/32"	7.1	1/2"	12.7	6500
A9/32A	9/32"	7.1	7/8"	22.2	6500
AC5/16W/RA	5/16"	7.5	7/8"	22.2	6000
110552	5/16"	7.9	7/8"	22.2	10000
L5/16A	5/16"	8.0	1 3/4"	44.5	4500
110553	3/8"	9.5	7/8"	22.2	8500
L3/8A	3/8"	9.5	1 3/4"	44.5	3800
AS7/16A	7/16"	11.1	1/2"	12.7	6000
110554	7/16"	11.1	7/8"	22.2	7000
A1/2BA	1/2"	11.9	7/8"	22.2	5000
AS1/2A	1/2"	12.7	1/2"	12.7	5000
110555	1/2"	12.7	7/8"	22.2	5000
110556	9/16"	14.2	7/8"	22.2	4000
AS9/16A	9/16"	14.3	9/16"	14.3	6500
A9/16A	9/16"	14.3	7/8"	22.2	4000
110557	5/8"	15.8	7/8"	22.2	3500
AS5/8A	5/8"	15.9	3/8"	9.5	4250
110558	1 1/16"	17.4	7/8"	22.2	3000
AS11/16W/RA	1 1/16"	17.5	3/4"	19.5	4000
A23/32A	23/32"	18.3	-	33.3	1700
K505A	23/32"	18.3	1 1/2"	38.1	2800
110559	3/4"	19.0	7/8"	22.2	5000
AS3/4A	3/4"	19.1	3/8"	9.5	6000
110560	13/16"	20.6	7/8"	22.2	4500
AS13/16W/RA	13/16"	20.7	1 1/2"	38.1	6000
AS7/8W/RA	7/8"	22.2	1/2"	12.7	3500
110561	7/8"	22.2	7/8"	22.2	4000
L7/8A	7/8"	22.2	1 3/4"	44.5	2000
110562	15/16"	23.8	13/16"	20.6	3500

Part Number	Dimensions				Standard Pack Quantity
	d		L		
	(ins)	(mm)	(ins)	(mm)	
A63/64A	63/64"	24.9	19/16"	33.3	2000
110563	1"	25.4	3/4"	19.0	3500
AL1A	1"	25.4	1"	25.4	2500
L1B	1"	25.4	1 3/4"	44.5	1400
110564	1 1/16"	26.9	7/8"	22.2	3000
110565	1 1/8"	28.5	7/8"	22.2	2500
110566	1 3/16"	30.1	1"	25.4	2000
110567	1 3/4"	31.7	7/8"	22.2	2000
AS1-1/4A	1 1/4"	31.8	19/32"	15.9	3000
110568	1 5/16"	33.3	7/8"	22.2	2000
110569	1 3/8"	34.9	7/8"	22.2	1800
110570	1 7/16"	36.5	7/8"	22.2	1600
110571	1 1/2"	38.1	7/8"	22.2	1500
110572	1 9/16"	39.6	1"	25.4	1200
110573	1 3/8"	41.2	1"	25.4	1900
110574	1 11/16"	42.8	7/8"	22.2	1200
110575	1 3/4"	44.4	7/8"	22.2	1200
110576	1 7/8"	47.6	7/8"	22.2	1000
110577	2"	50.8	7/8"	22.2	1000
A2-1/8A	2 1/8"	54.0	7/8"	22.2	900
A2-1/4A	2 1/4"	57.1	1 1/4"	31.7	450
A2-3/8A	2 3/8"	60.3	7/8"	22.2	700
110578	2 1/2"	63.5	7/8"	22.2	600
AS2-9/16A	2 9/16"	65.1	3/8"	9.5	1200
A2-19/32W/RA	2 19/32"	65.4	1"	25.4	500
A2-5/8A	2 5/8"	66.4	1"	25.4	425
A2-3/4A	2 3/4"	69.2	2 1/4"	27.7	450
A3A	3"	75.7	1"	25.4	400
A3-1/8A	3 1/8"	79.4	1 3/8"	34.9	250
A3-1/4A	3 1/4"	82.6	1 7/8"	47.6	150
A3-1/2A	3 1/2"	88.9	1"	25.4	300
A3-3/4A	3 3/4"	95.0	1"	25.4	225
A4A	4"	101.3	1"	25.4	200
A4-1/8A	4 1/8"	104.5	1"	25.4	200

## Soft Knurled Caps

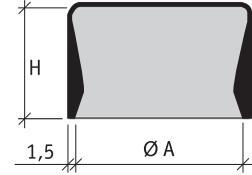
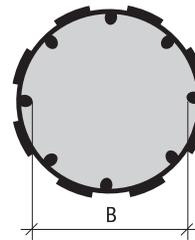
SR F-0010

TPE Blue

- Simple protection for Metric , BSP and UNF Threads
- Knurled design for finger grip to ease removal
- Temperature: Min. -60°C, Max. +135°C



Part Number	To fit thread sizes			Dimensions (mm)			Standard Pack Quantity
	Metric	BSP	UNF	A	B	H	
2280000	M8	-	3/8" - 7/16"	8.1	7.6	12.9	1000
2281000	M10-M12	1/8"	1/2" - 9/16"	11.3	9.6	12.4	1000
2282000	M14	3/4"	9/8"	13.3	12.3	12.4	1000
2283000	M16	3/8"	-	17.3	15.6	13.0	1000
2284000	M20-M22	1/2"	-	20.8	19.8	18.6	1000
2285000	M25-M26	3/4"	-	25.6	24.4	22.0	500
2285500	-	-	-	26.4	25.2	22.0	500
2286000	M32-M36	1"	1 3/8"	35.4	31.7	21.5	2000
2287000	M40	1 1/4"	1 1/2"	41.3	37.5	20.8	1500
2288000	M50	1 1/2"	-	48.5	44.3	26.4	1000
2289000	-	-	-	63.5	59.0	28.0	750



## Fence Post Caps

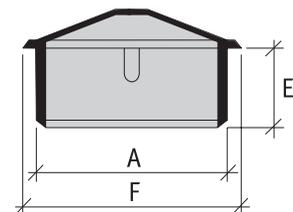
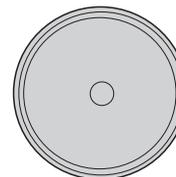
SR F-0011

HDPE White

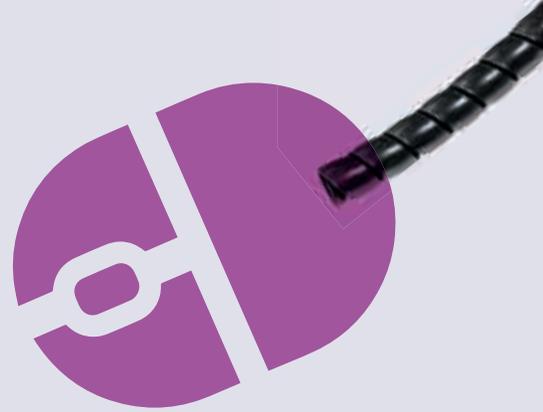
- Push in protection cap suitable for pipes and tubes



Part Number	Dimensions (mm)			Standard Pack Quantity
	A	E	F	
3584000	55.0	20.0	62.5	800
3584100	65.0	22.0	72.4	500
3584200	68.0	20.0	75.0	500
3584300	84.3	25.0	89.5	300
3584400	130.0	29.2	137.0	100



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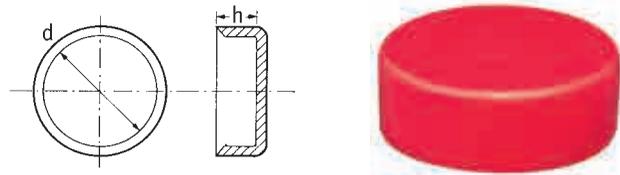
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## Tube End Caps – Short

SR 1610

Red LDPE

- General-purpose closure
- Available in a wide range of sizes



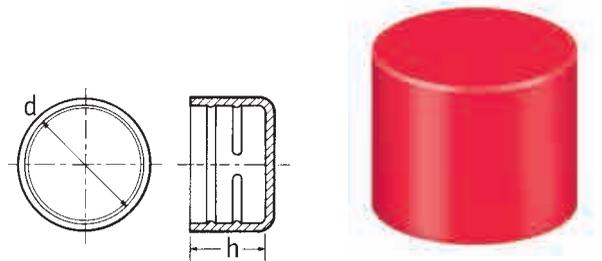
Part Number	Dimensions (mm)		Standard Pack Quantity
	d	h	
15504*	8.9	8.0	5000
11418	19.0	13.0	5000
11308	22.1	11.0	5000
10888	25.5	13.1	3000
10541	28.5	13.3	2000
10192	31.7	12.8	2000
10389	34.7	12.5	1500
10594	38.0	12.2	1500
10297	41.2	12.8	1200
10152	44.5	12.4	1200
10918	47.0	12.4	1000
11130	50.3	11.7	1000
10539	53.5	12.3	2000
10402	57.0	12.5	700
10557	59.5	12.5	600
10711	63.0	12.6	500
12891	66.4	11.0	1200
10856	69.8	12.1	1500
12310	72.5	12.6	1000
10217	75.5	12.3	1000
11095	79.4	12.7	1000
11045	82.0	12.3	800
12308	85.0	12.2	800

\*Supplied in black PVC.

## Ribbed Caps

SR 1046

Red LDPE



Part Number	Dimensions (mm)		Standard Pack Quantity
	d	h	
12773	10.2	16.0	10000
12774	12.0	16.0	10000
12775	15.0	20.0	5000
12776	16.0	20.0	5000
12849	18.0	20.0	2500
12777	20.0	20.0	2000
12850	22.0	20.0	2500
12779	25.0	20.0	2000
12780	28.0	26.5	1000
12846	30.0	26.5	800
12781	35.0	26.5	800
12782	38.0	26.0	500
12982	54.0	27.8	300
12960*	110.0	34.6	150

\*This part supplied in yellow low-density polyethylene.

## Tube End Caps – Long

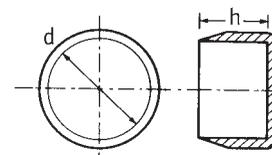
SR 1620

Red LDPE

- Extra depth and feathered edge ensure tight fit
- Design prevents accidental displacement



Part Number	Dimensions (mm)		Standard Pack Quantity
	d	h	
12549	25.0	37.0	1000
12551	31.0	39.0	2000
12532	43.0	39.5	800
12554	57.0	44.0	700
12556	70.0	47.0	400
12558	81.5	54.0	250

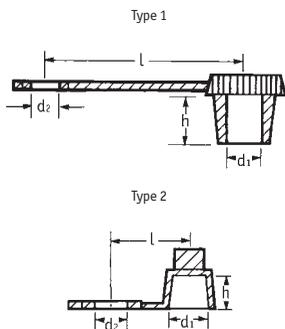


## Grease Nipple Caps

SR 1019

Red LDPE

- Effective, low-cost protection for grease nipples



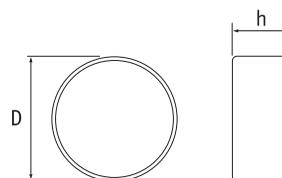
Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		d1	d2	l	h	
087063000503	1	6.0	6.4	29.5	9.3	250
61454	2	6.3	6.2	11.6	5.2	10000

## PVC Pipe Caps

SR 1340

Grey PVC

- Ideal for traffic signal posts
- Flexible PVC design reduces the risk of cracking, avoiding corrosion to the post
- Flexibility allows caps to be fitted easily



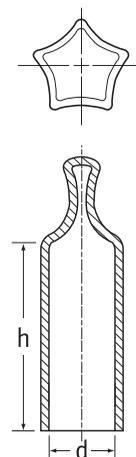
Part Number	Dimensions (mm)		Nominal Pipe Size	Standard Pack Quantity
	D	h		
462819	76.1	37.0	2½"	250
462820	88.9	37.0	3"	200
462821	114.3	42.0	4"	125
462822	139.7	44.0	5"	80
462823	168.3	34.0	6"	75

## Multi-Flex Caps

SR 1072

Black Flexible PVC

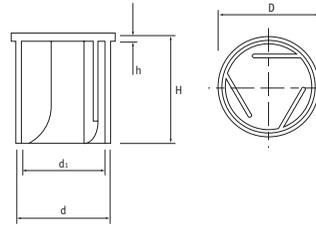
- Easy fitting and removal
- Unique design fits range of diameters
- Suitable for plain or threaded applications



Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	UNF	BSP	d	h	
MFWA-090-025	M10	¾"	¾"	9.0-11.0	25.0	5000
MFWA-110-025	M12	7/16", ½"	¾"	11.0-13.5	25.0	2000
MFWA-135-030	M14, M16	9/16", 5/8"	-	13.5-16.5	30.0	2000
MFWA-165-040	M18	¾"	¾"	16.5-20.0	40.0	1500
MFWA-200-050	M20, M22, M24	7/8"	½", 5/8"	20.0-24.0	50.0	1500

## Finned Stud Caps

SR 1056  
Natural LDPE



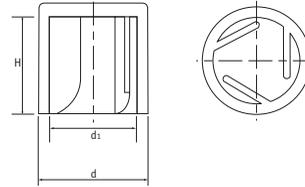
Type 1



Type 1: With Grip

Part Number	Type	Stud Size Range (mm)	Dimensions (mm)					Standard Pack Quantity
			d1	d	D	h	H	
466964	1	6.5-8.0	10.0	12.0	14.0	1.5	22.0	500
466965	1	8.0-9.0	11.0	13.0	15.0	1.5	22.0	500
466966	1	9.0-10.5	12.5	14.5	16.5	1.5	22.0	250
466967	1	11.0-13.0	16.0	18.0	20.0	1.5	22.0	250
466968	1	14.0-16.0	18.0	20.0	22.0	1.5	22.0	250
466969	1	17.0-19.0	22.0	24.0	26.0	1.5	22.0	100
466970	1	20.0-22.0	25.0	27.0	29.0	1.5	25.0	100
466971	1	24.0-26.0	29.0	31.0	33.0	1.5	30.0	100
466972	1	28.0-30.0	33.0	35.0	37.0	1.5	34.0	100
10220*	2	6.5-8.0	10.0	12.0	-	-	31.5	5000
10221	2	8.0-9.02	11.0	13.0	-	-	20.5	5000
10223	2	9.0-10.0	12.0	14.0	-	-	20.5	5000

\*This size has bevelled corners.



Type 2

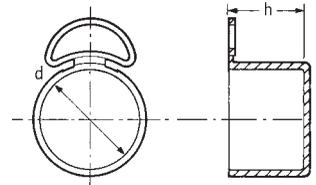


Type 2: Without Grip

## Quick-Fit/Quick-Release Caps

SR 1022

- Quick fitting and removal
- Simple tear-away tab for quick release



Metric  
Yellow LDPE

Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		h	d	
10839	M12	12.0	12.0	5000
10840	M14	14.1	14.0	5000
10080*	M16	16.5	16.0	5000
10841	M18	18.0	18.0	4000
10842	M20	20.0	20.0	2000
10224	M22	22.0	22.0	2000

BSP/Gas  
Yellow LDPE

Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		h	d	
10351	3/4" x 19	11.0	13.0	10000
10492	3/8" x 19	12.0	16.0	5000
10308*	1/2" x 14	15.0	21.2	4000
12373*†	3/8" x 14	18.5	23.0	3000
10701	3/4" x 14	23.8	26.3	1500
12375*	7/8" x 14	25.0	29.5	1500
12376*	1" x 11	18.0	34.0	1500

\*Variation in tear-away tab type. †Available with safety vent hole.

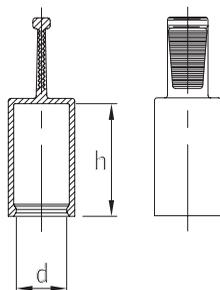
UNF/JIC  
Blue LDPE

Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		h	d	
18390*	3/8" x 24	11.1	9.2	4000
18305	1/2" x 20	11.7	12.4	5000
18306*	9/16" x 18	12.1	14.0	5000
10348*	5/8" x 18	12.1	15.5	5000
16245*	11/16" x 16	12.1	17.1	5000
10349*	3/4" x 16	14.2	18.8	4000
16246*	13/16" x 16	14.2	20.4	4000
10702	7/8" x 14	16.5	22.0	2000
16247	1" x 14	16.5	25.0	2000
110002	11/16" x 12	19.0	26.7	2000
16248	13/16" x 12	19.0	29.8	1000
18311*	15/16" x 12	19.0	33.1	1000
16249*	17/16" x 12	19.0	36.4	1000
18405*	11 1/16" x 12	21.0	42.4	800
18406*	17/8" x 12	24.1	47.5	500

## Pull-Tab Cap

SR 6110

Yellow EVA (Ethylene Vinyl Acetate)



- Large pull-tab allows easy removal
- Internal lip prevents ingress of dirt
- Material provides good tensile strength, toughness and increased flexibility

Part Number	Dimensions (mm)		Standard Pack Quantity
	d	h	
464885	4.0	20.2	500
464886	5.0	20.0	500
464887	6.0	20.0	500
464888	8.0	20.0	500
464889	9.0	20.0	500
464890	10.0	20.0	500
464891	11.0	20.0	500
464892	12.0	20.0	500
464893	13.0	20.0	500
464894	14.0	20.0	500
464895	15.0	20.0	500
464896	16.0	20.0	500
464897	18.0	20.0	500
464898	20.0	20.0	500
464899	20.0	30.0	500
464900	24.0	20.0	500

## Tear Tab Caps

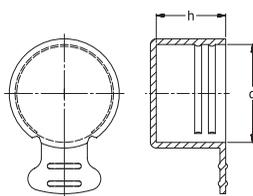
SR1033

LDPE

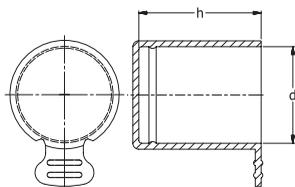
- Tear tab for easy removal
- Type 1 made to protect UNF/JIC threads from damage
- Type 2 made to protect NPT threads from damage
- The cap is versatile to offer a solution to numerous applications



Type 1



Type 2



Type 1

Part Number		UNF/JIC Thread Size	Dimensions (mm)		Standard Pack Quantity
Blue	Natural		h	d	
TS3A	TS3B	3/8"-24	11.1	9.3	13000
TS4A	TS4B	7/16"-20	11.7	11.0	11000
TS5A	TS5B	1/2" - 20	11.7	12.5	9000
TS6A	TS6B	9/16"-18	12.1	14.0	7000
TS7A	TS7B	11/16" - 16	12.1	17.2	5000
TS8A	TS8B	3/4"-16	14.2	18.8	3500
TS9A	TS9B	13/16"-16	14.2	20.4	3000
TS10A	TS10B	7/8"-14	16.5	22.2	4500
TS11A	TS11B	1"-14	16.5	25.0	4000
TS12A	TS12B	1 1/16"-12	19.1	26.8	3000
TS13A	TS13B	1 3/16"-12	19.1	29.8	2700
TS16A	TS16B	1 3/16"-12	19.1	33.1	2200
TS17A	TS17B	1 1/2"-12	19.1	36.4	200
TS20A	TS20B	1 5/8"-12	21.0	41.0	1300
TS21A	TS21B	1 11/16"-12	21.0	42.4	1200
TS24A	TS24B	1 7/8"-12	24.1	47.5	900
TS32A	TS32B	2 1/2"-12	30.5	63.7	400

Type 2

Part Number	Colour	BSP/NPT Thread	Dimensions (mm)		Standard Pack Quantity
			h	d	
Y1/8A	Blue	3/8"	8.1	9.8	5000
Y1/4A	Blue	1/4"	12.5	13.5	5000
Y3/8A	Blue	3/8"	12.5	16.9	5500
Y1/2A	Blue	1/2"	16.3	20.8	5500
Y3/4A	Blue	3/4"	16.0	26.2	4000
Y1A	Blue	1"	19.9	33.2	2000
Y1-1/4A	Blue	1 1/4"	21.3	41.7	1300
Y1-1/2A	Blue	1 1/2"	21.6	47.9	1000
Y2A	Blue	2"	22.6	59.4	600

## Driveshaft Protection Caps

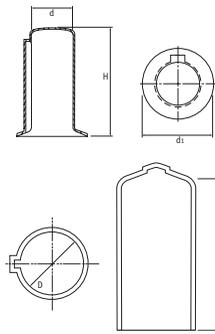
### SR 1079

#### Type 1 - Yellow LDPE

- Fit driveshafts to DIN 748, IEC 600-72 and ISO R775
- Protection and masking of driveshaft as well as the surrounding bearings

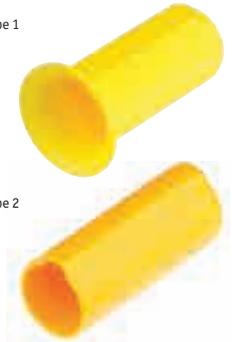
#### Type 2 - Yellow Flexible PVC

- Fit driveshafts to DIN 748, IEC 600-72 and ISO R775
- Resistant to tearing, splitting, oil and most chemicals



Type 1

Type 2



#### Type 1 - Yellow LDPE

Part Number	To Fit Shaft Diameter d (mm)	Dimensions (mm)		Standard Pack Quantity
		d1	H	
467003	9.0	14.5	25.0	500
467004	10.0	16.0	30.0	500
467005	11.0	17.5	30.0	500
467006	14.0	22.5	35.0	500
467007	15.0	25.5	35.0	500
467008	16.0	25.5	50.0	500
467009	19.0	30.5	50.0	400
467010	20.0	32.0	60.0	250
467011	22.0	35.5	60.0	250
467012	24.0	38.5	60.0	200
467013	25.0	40.0	70.0	200
467014	28.0	45.0	70.0	150
467015	30.0	48.0	95.0	100
467016	32.0	51.0	95.0	100
467017	35.0	56.0	95.0	100
467018	38.0	61.0	95.0	100
467019	42.0	67.0	130.0	75
467020	45.0	72.0	130.0	50
467021	48.0	77.0	130.0	100
467022	55.0	88.0	130.0	100
467023	60.0	96.0	165.0	25
467024	65.0	104.0	165.0	75
467025	70.0	108.0	165.0	75
467026	75.0	112.0	165.0	75

#### Type 2 - Yellow Flexible PVC

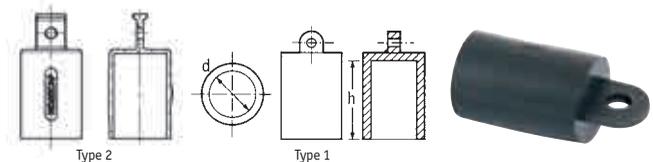
Part Number	To Fit Shaft Diameter d (mm)	Dimensions (mm)		Standard Pack Quantity
		d	H	
SPWJ-10	10.0	10.0	50.0	1500
SPWJ-11	11.0	11.0	50.0	1500
SPWJ-14	14.0	14.0	50.0	1500
SPWJ-16	16.0	16.0	60.0	1000
SPWJ-19	19.0	19.0	60.0	1000
SPWJ-20	20.0	20.0	60.0	1000
SPWJ-22	22.0	22.0	70.0	750
SPWJ-24	24.0	24.0	70.0	750
SPWJ-25	25.0	25.0	70.0	500
SPWJ-28	28.0	28.0	80.0	500
SPWJ-30	30.0	30.0	80.0	400
SPWJ-32	32.0	32.0	100.0	250
SPWJ-35	35.0	35.0	100.0	200
SPWJ-38	38.0	38.0	100.0	200
SPWJ-42	42.0	42.0	130.0	150
SPWJ-45	45.0	45.0	130.0	150
SPWJ-48	48.0	48.0	130.0	100
SPWJ-55	55.0	55.0	130.0	100
SPWJ-60	60.0	60.0	140.0	100
SPWJ-65	65.0	65.0	140.0	100
SPWJ-70	70.0	70.0	140.0	100
SPWJ-75	75.0	75.0	140.0	100

## Moss Caps

### SR 1020

#### PVC

- Highly resistant to shredding
- Excellent for threaded applications
- Green PVC can be used with oil and grease applications



Type 2

Type 1

Part Number		Type	Dimensions (mm)		Standard Pack Quantity
Black	Green		d	h	
1340240	1340241	2	4.0	24.0	10000
12696	12226	1	5.0	23.5	10000
12697	12227	2	6.0	25.0	10000
1287250	1287249	2	7.0	24.0	5000
1287253	1287252	2	8.0	24.5	8000
12700	12230	1	9.0	25.0	3500
1341980	1341979	2	10.0	29.5	2500
12702	12232	2	11.0	29.0	4500
12703	12233	1	12.0	29.0	4000
1341983	1341982	2	13.0	29.0	3500
12705	12235	1	14.0	29.0	1500
12706	12236	1	15.0	29.5	2500
12707	12237	1	16.0	28.0	2500
12708	12238	1	17.0	29.5	2000

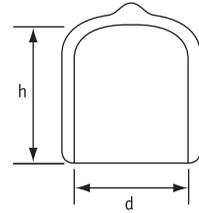
Part Number		Type	Dimensions (mm)		Standard Pack Quantity
Black	Green		d	h	
12709	12239	2	18.0	28.5	2000
1287247	1287246	2	19.0	29.5	2000
1341986	1341985	2	20.0	28.5	1600
12712	12242	1	21.0	34.5	1300
1341976	1341977	2	22.0	33.5	1200
12714	12244	2	23.0	34.5	1000
1341990	1341989	2	24.0	33.5	1000
12716	12246	2	25.0	34.5	1000
12717	12247	2	26.0	34.5	900
12718	12248	2	27.0	33.5	900
1287256	1287255	2	28.0	33.5	800
12720	12250	2	29.0	35.0	800
1287242	1287244	2	30.0	34.5	600

## Flexicaps

### SR 1044

#### Type 1: Black Flexible PVC (80 Shore)

- Flexible, durable PVC
- Suitable for a multitude of applications



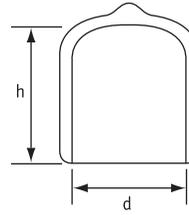
Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCWA-0020-013	-	-	-	2.0	13.0	5000
FCWA-0028-013	M3	-	-	2.8	13.0	5000
FCWA-0032-013	-	-	-	3.2	13.0	5000
FCWA-0036-013	M4	-	-	3.6	13.0	5000
FCWA-0036-019	M4	-	-	3.6	19.0	5000
FCWA-0039-013	-	-	-	3.9	13.0	5000
FCWA-0039-019	-	-	-	3.9	19.0	5000
FCWA-0039-025	-	-	-	3.9	25.0	5000
FCWA-0044-013	M5	-	3/16"	4.4	13.0	5000
FCWA-0044-025	M5	-	3/16"	4.4	25.0	5000
FCWA-0048-013	M5	-	3/16"	4.8	13.0	5000
FCWA-0048-019	M5	-	3/16"	4.8	19.0	5000
FCWA-0048-025	M5	-	3/16"	4.8	25.0	5000
FCWA-0052-013	-	-	-	5.2	13.0	5000
FCWA-0052-019	-	-	-	5.2	19.0	5000
FCWA-0052-025	-	-	-	5.2	25.0	5000
FCWA-0055-013	-	-	-	5.5	13.0	5000
FCWA-0055-019	-	-	-	5.5	19.0	5000
FCWA-0059-013	M6	-	1/4"	5.9	13.0	5000
FCWA-0059-019	M6	-	1/4"	5.9	19.0	5000
FCWA-0059-025	M6	-	1/4"	5.9	25.0	5000
FCWA-0064-013	-	-	-	6.4	13.0	5000
FCWA-0064-025	-	-	-	6.4	25.0	5000
FCWA-0070-013	-	-	-	7.0	13.0	5000
FCWA-0070-019	-	-	-	7.0	19.0	5000
FCWA-0077-013	M8	-	5/16"	7.7	13.0	5000
FCWA-0077-019	M8	-	5/16"	7.7	19.0	5000
FCWA-0070-025	-	-	-	7.0	25.0	5000
FCWA-0077-025	M8	-	5/16"	7.7	25.0	5000
FCWA-0079-013	-	-	-	7.9	13.0	5000
FCWA-0079-019	M8	-	5/16"	7.9	19.0	5000
FCWA-0079-025	M8	-	5/16"	7.9	25.0	5000
FCWA-0083-013	-	-	-	8.3	13.0	5000
FCWA-0083-019	-	-	-	8.3	19.0	5000
FCWA-0083-025	-	-	-	8.3	25.0	5000
FCWA-0087-013	-	-	-	8.7	13.0	5000
FCWA-0087-019	-	-	-	8.7	19.0	5000
FCWA-0087-025	-	-	-	8.7	25.0	5000
FCWA-0095-013	M10	1/8"	3/8"	9.5	13.0	5000
FCWA-0095-019	M10	1/8"	3/8"	9.5	19.0	5000
FCWA-0095-025	M10	1/8"	3/8"	9.5	25.0	5000
FCWA-0103-013	-	-	-	10.3	13.0	5000
FCWA-0103-019	-	-	-	10.3	19.0	5000
FCWA-0103-025	-	-	-	10.3	25.0	5000
FCWA-0111-013	M12	-	7/16"	11.1	13.0	5000
FCWA-0111-019	M12	-	7/16"	11.1	19.0	5000
FCWA-0111-025	M12	-	7/16"	11.1	25.0	2500
FCWA-0119-013	M12	-	1/2"	11.9	13.0	5000
FCWA-0119-019	M12	-	1/2"	11.9	19.0	5000
FCWA-0119-025	M12	-	1/2"	11.9	25.0	2500
FCWA-0127-013	-	1/4"	1/2"	12.7	13.0	5000

Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCWA-0127-019	-	1/4"	1/2"	12.7	19.0	5000
FCWA-0127-025	-	1/4"	1/2"	12.7	25.0	2500
FCWA-0135-013	M14	-	-	13.5	13.0	5000
FCWA-0135-019	M14	-	-	13.5	19.0	5000
FCWA-0135-025	M14	-	-	13.5	25.0	5000
FCWA-0138-013	M14	-	-	13.8	13.0	5000
FCWA-0138-019	M14	-	-	13.8	19.0	2500
FCWA-0138-025	M14	-	-	13.8	25.0	2500
FCWA-0143-013	M15	-	-	14.3	13.0	5000
FCWA-0143-019	M15	-	-	14.3	19.0	2500
FCWA-0143-025	M15	-	-	14.3	25.0	5000
FCWA-0152-013	-	-	-	15.2	13.0	5000
FCWA-0152-019	-	-	-	15.2	19.0	5000
FCWA-0152-025	-	-	-	15.2	25.0	5000
FCWA-0159-013	M16	3/8"	-	15.9	13.0	5000
FCWA-0159-019	M16	3/8"	-	15.9	19.0	2500
FCWA-0159-025	M16	3/8"	-	15.9	25.0	2500
FCWA-0174-013	M18	-	-	17.4	13.0	2500
FCWA-0174-019	M18	-	-	17.4	19.0	2000
FCWA-0174-025	M18	-	-	17.4	25.0	2500
FCWA-0191-013	M20	-	3/4"	19.1	13.0	2500
FCWA-0191-019	M20	-	3/4"	19.1	19.0	2500
FCWA-0191-025	M20	-	3/4"	19.1	25.0	2500
FCWA-0199-013	-	-	-	19.9	13.0	2500
FCWA-0199-019	-	-	-	19.9	19.0	2500
FCWA-0199-025	-	-	-	19.9	25.0	2500
FCWA-0206-013	-	1/2"	-	20.6	13.0	2500
FCWA-0206-025	-	1/2"	-	20.6	25.0	1250
FCWA-0206-038	-	1/2"	-	20.6	38.0	1000
FCWA-0214-013	M22	-	-	21.4	13.0	2500
FCWA-0214-025	M22	-	-	21.4	25.0	1250
FCWA-0214-038	M22	-	-	21.4	38.0	1200
FCWA-0222-013	-	5/8"	7/8"	22.2	13.0	2500
FCWA-0222-025	-	5/8"	7/8"	22.2	25.0	2500
FCWA-0222-038	-	5/8"	7/8"	22.2	38.0	1250
FCWA-0238-013	M24	-	-	23.8	13.0	2500
FCWA-0238-025	M24	-	-	23.8	25.0	1250
FCWA-0238-038	M24	-	-	23.8	38.0	1000
FCWA-0246-013	M25	-	-	24.6	13.0	2500
FCWA-0246-025	M25	-	-	24.6	25.0	1000
FCWA-0246-038	M25	-	-	24.6	38.0	1000
FCWA-0254-013	-	-	1"	25.4	13.0	2500
FCWA-0254-025	-	-	1"	25.4	25.0	1000
FCWA-0254-038	-	-	1"	25.4	38.0	1250
FCWA-0263-013	M27	3/4"	-	26.3	13.0	2500
FCWA-0263-025	M27	3/4"	-	26.3	25.0	1250
FCWA-0263-038	M27	3/4"	-	26.3	38.0	1000
FCWA-0269-013	M27	-	-	26.9	13.0	3000
FCWA-0269-025	M27	-	-	26.9	25.0	1500
FCWA-0269-038	M27	-	-	26.9	38.0	1250
FCWA-0286-025	M30	7/8"	1 1/8"	28.6	25.0	1000
FCWA-0286-038	M30	7/8"	1 1/8"	28.6	38.0	500
FCWA-0286-050	M30	7/8"	1 1/8"	28.6	50.0	500
FCWA-0302-025	-	7/8"	-	30.2	25.0	1000
FCWA-0302-038	-	7/8"	-	30.2	38.0	1000

CONTINUED ON NEXT PAGE

**Flexicaps** *CONTINUED*

SR 1044

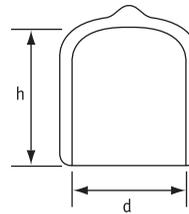


Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCWA-0302-050	-	7/8"	-	30.2	50.0	750
FCWA-0318-025	-	1"	1 1/4"	31.8	25.0	1000
FCWA-0318-038	-	1"	1 1/4"	31.8	38.0	700
FCWA-0318-050	-	1"	1 1/4"	31.8	50.0	750
FCWA-0349-025	M35	-	1 3/8"	34.9	25.0	1000
FCWA-0349-038	M35	-	1 3/8"	34.9	38.0	650
FCWA-0349-050	M35	-	1 3/8"	34.9	50.0	500
FCWA-0381-025	M39	-	1 1/2"	38.1	25.0	1000
FCWA-0381-038	M39	-	1 1/2"	38.1	38.0	600
FCWA-0381-050	M39	-	1 1/2"	38.1	50.0	500
FCWA-0413-025	M42	1 1/4"	-	41.3	25.0	900
FCWA-0413-038	M42	1 1/4"	-	41.3	38.0	500
FCWA-0413-050	M42	1 1/4"	-	41.3	50.0	400
FCWA-0445-025	M45	1 3/8"	-	44.5	25.0	500
FCWA-0445-038	M45	1 3/8"	-	44.5	38.0	500
FCWA-0445-050	M45	1 3/8"	-	44.5	50.0	400
FCWA-0476-025	M48	1 1/2"	-	47.6	25.0	625
FCWA-0476-038	M48	1 1/2"	-	47.6	38.0	400

Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCWA-0476-050	-	1 1/2"	-	47.6	50.0	350
FCWA-0508-025	-	-	2"	50.8	25.0	550
FCWA-0508-038	-	-	2"	50.8	38.0	400
FCWA-0508-050	-	-	2"	50.8	50.0	200
FCWA-0539-038	-	1 3/4"	-	53.9	38.0	400
FCWA-0539-050	-	1 3/4"	-	53.9	50.0	200
FCWA-0572-038	M58	2 1/4"	-	57.2	38.0	250
FCWA-0572-050	M58	2 1/4"	-	57.2	50.0	200
FCWA-0603-038	-	2 3/8"	-	60.3	38.0	250
FCWA-0603-050	-	2 3/8"	-	60.3	50.0	250
FCWA-0635-038	-	2 1/2"	-	63.5	38.0	250
FCWA-0635-050	-	2 1/2"	-	63.5	50.0	125
FCWA-0660-038	-	2 1/4"	-	66.0	38.0	200
FCWA-0660-025	-	2 1/4"	-	66.0	25.0	200
FCWA-0698-038	-	-	-	69.8	38.0	250
FCWA-0698-050	-	-	-	69.8	50.0	200
FCWA-0762-038	-	3"	-	87.884	38.0	200
FCWA-0762-050	-	3"	-	76.2	50.0	150

**Type 2: Red Flexible PVC (60 Shore)**

- Softer, more flexible PVC allows easy fitting
- Bright red gives high visibility, reducing health and safety risks



Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCZF-0077-013	M8	-	5/16"	7.7	13.0	5000
FCZF-0079-013	-	-	-	7.9	13.0	5000
FCZF-0087-013	-	-	-	8.7	13.0	5000
FCZF-0095-013	-	-	-	9.5	13.0	5000
FCZF-0103-013	-	-	-	10.3	13.0	5000
FCZF-0111-013	M12	-	7/16"	11.1	13.0	5000
FCZF-0119-013	M12	-	1/2"	11.9	13.0	5000
FCZF-0127-013	M14	3/4"	1/2"	12.7	13.0	5000
FCZF-0138-013	M14	-	-	13.8	13.0	5000
FCZF-0143-013	M15	-	-	14.3	13.0	5000
FCZF-0152-013	-	-	-	15.2	13.0	5000
FCZF-0159-013	M16	3/8"	-	15.9	13.0	5000
FCZF-0174-013	M18	-	-	17.4	13.0	2500
FCZF-0191-025	M20	-	3/4"	19.1	25.0	2500
FCZF-0206-025	-	1/2"	-	20.6	25.0	1250
FCZF-0214-025	M22	-	-	21.4	25.0	1250
FCZF-0222-025	-	5/8"	7/8"	22.2	25.0	1250

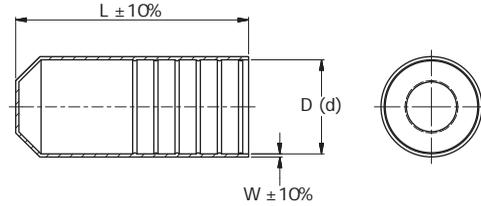
Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCZF-0238-025	M24	-	-	23.8	25.0	1250
FCZF-0246-025	M25	-	-	24.6	25.0	1000
FCZF-0254-025	-	-	1"	25.4	25.0	1000
FCZF-0263-025	M27	3/4"	-	26.3	25.0	1250
FCZF-0286-025	M30	7/8"	1 1/8"	28.6	25.0	1000
FCZF-0302-025	-	7/8"	-	30.2	25.0	1000
FCZF-0318-025	-	1"	1 1/4"	31.8	25.0	1000
FCZF-0349-025	M35	-	1 3/8"	34.9	25.0	1000
FCZF-0381-025	M39	-	1 1/2"	38.1	25.0	1000
FCZF-0413-025	M42	1 1/4"	-	41.3	25.0	900
FCZF-0445-025	M45	1 3/8"	-	44.5	25.0	500
FCZF-0476-038	M48	1 1/2"	-	47.6	38.0	400
FCZF-0508-038	-	-	2"	50.8	38.0	400
FCZF-0539-038	M-	1 3/4"	-	53.9	38.0	400
FCZF-0572-038	M58	-	-	57.2	38.0	250
FCZF-0603-038	-	2 3/8"	-	60.3	38.0	250
FCZF-0635-038	-	2 1/2"	-	63.5	38.0	250
FCZF-0698-050	-	-	-	69.8	50.0	200

## Heat Shrink End Cap

SR1180

Polyolefin

- Excellent sealing properties
- UV and weather resistance
- Operating temperature: -55°C to +110°C
- Min. full recovery temp: +120°C
- Internal coating with adhesive lining



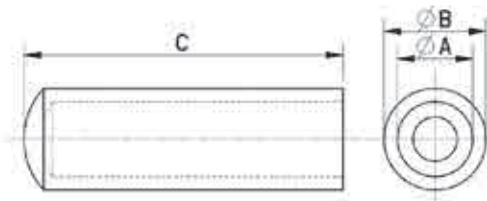
Part Number	Dimensions (mm)				Standard Pack Quantity
	As supplied	After Recovered			
	D (Min.)	d (Max.)	L	w	
498776	12.0	4.0	40.0	2.6	100
498777	14.0	5.0	45.0	2.2	100
498788	200.0	90.0	160.0	4.2	6
498778	20.0	6.0	55.0	2.8	50
498779	25.0	8.5	68.0	2.8	50
498780	35.0	16.0	83.0	3.3	50
498789	14.0	5.0	55.0	2.2	20
498790	42.0	15.0	110.0	3.3	20
498791	55.0	23.0	140.0	3.8	6
498782	55.0	26.0	103.0	3.5	10
498792	62.0	23.0	140.0	3.8	6
498783	75.0	36.0	120.0	4.0	10
498793	75.0	32.0	150.0	4.0	10
498794	75.0	36.0	170.0	4.2	10
498795	105.0	45.0	150.0	4.0	10
498784	100.0	52.0	140.0	4.0	1
498785	120.0	60.0	150.0	4.0	1
498786	145.0	60.0	150.0	4.0	1
498787	160.0	82.0	150.0	4.0	9

## Protection Cover

SR5763

LDPE - Natural

- Very good protection of screw threads, smooth axles, rod ends, etc



Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
118042300003	4.0	6.0	23.0	500
118051500003	4.7	7.0	15.0	500
118052400003	5.0	7.0	24.0	500
118062500003	6.0	8.0	25.0	500
118072500003	7.0	9.0	25.0	250
118082500003	8.0	10.0	25.0	250
118102500003	10.0	12.0	25.0	250
118032200003	3.5	5.0	23.0	250

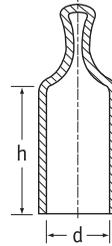
## Pull-Tab Flexicaps

SR 1066

**Type 1: Black Flexible PVC (80 Shore)**

**Type 2: Red Flexible PVC (60 Shore)**

- Ideal for general-protection purposes
- Pull-tab for easy removal



Type 1



Type 2

### Type 1

Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
PCWA-0036-013	M4	-	-	3.6	13.0	5000
PCWA-0048-013	M4	-	-	4.8	13.0	5000
PCWA-0053-013	M6	-	7/32"	5.3	13.0	5000
PCWA-0061-013	-	-	1/4"	6.1	13.0	5000
PCWA-0075-013	-	-	-	7.5	13.0	5000
PCWA-0075-025	-	-	-	7.5	25.0	5000
PCWA-0077-013	M8	-	5/16"	7.7	13.0	7500
PCWA-0077-025	-	-	-	7.7	25.0	5000
PCWA-0087-013	-	-	-	8.7	13.0	1500
PCWA-0093-013	M10	1/8"	3/8"	9.3	13.0	5000
PCWA-0093-025	-	-	-	9.3	25.0	2500
PCWA-0097-013	-	-	-	9.7	13.0	2500
PCWA-0097-025	-	-	-	9.7	25.0	2500
PCWA-0108-013	-	-	7/16"	10.8	13.0	5000
PCWA-0108-025	-	-	-	10.8	25.0	5000
PCWA-0111-013	-	-	-	11.1	13.0	5000
PCWA-0111-025	-	-	-	11.1	25.0	2500
PCWA-0119-013	M12	-	1/2"	11.9	13.0	5000
PCWA-0119-025	-	-	-	11.9	25.0	3000
PCWA-0124-025	-	1/4"	1/2"	12.4	25.0	2500
PCWA-0124-013	-	1/4"	1/2"	12.4	13.0	5000
PCWA-0132-013	M14	-	7/32"	13.2	13.0	5000
PCWA-0132-025	-	-	-	13.2	25.0	2500
PCWA-0143-025	M15	-	9/16"	14.3	25.0	2500
PCWA-0153-013	M16	-	-	15.3	13.0	2500
PCWA-0153-025	-	-	-	15.3	25.0	2000
PCWA-0159-025	-	3/8"	5/8"	15.9	25.0	2000
PCWA-0163-013	M18	-	13/16"	16.3	13.0	2500
PCWA-0163-025	-	-	-	16.3	25.0	1250
PCWA-0174-013	M18	-	-	17.4	13.0	1500
PCWA-0174-025	M18	-	-	17.4	25.0	1500
PCWA-0188-013	M20	-	3/4"	18.8	13.0	2500
PCWA-0188-025	-	-	-	18.8	25.0	1250
PCWA-0200-013	-	-	-	20.0	13.0	2500
PCWA-0200-025	-	-	-	20.0	25.0	2500
PCWA-0206-013	M22	1/2"	13/16"	20.6	13.0	2500
PCWA-0206-025	-	-	-	20.6	25.0	1000
PCWA-0220-025	-	5/8"	7/8"	22.0	25.0	1000
PCWA-0238-025	-	-	-	23.8	25.0	1500
PCWA-0246-013	M25	-	-	24.6	13.0	1000
PCWA-0246-025	M25	-	-	24.6	25.0	1000
PCWA-0251-025	M26	-	1"	25.1	25.0	1500
PCWA-0269-025	-	-	-	26.9	25.0	1000
PCWA-0286-025	M30	7/8"	1 1/8"	28.6	25.0	600
PCWA-0286-038	M30	7/8"	1 1/8"	28.6	38.0	600
PCWA-0312-038	M32	1"	1 1/4"	31.2	38.0	350
PCWA-0349-025	M35	-	1 3/8"	34.9	25.0	350
PCWA-0349-038	M35	-	1 3/8"	34.9	38.0	350
PCWA-0381-038	M39	-	1 1/2"	38.1	38.0	350
PCWA-0381-050	M39	-	1 1/2"	38.1	50.0	350
PCWA-0408-038	-	-	1 5/8"	40.8	38.0	350
PCWA-0445-038	M45	1 3/8"	-	44.5	38.0	350
PCWA-0445-050	M45	1 3/8"	-	44.5	50.0	350
PCWA-0508-050	-	-	2"	50.8	50.0	200

### Type 2

Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
PCZF-0075-013	-	-	-	7.5	13.0	5000
PCZF-0075-025	M8	-	-	7.5	25.0	5000
PCZF-0077-013	-	-	5/16"	7.7	13.0	7500
PCZF-0077-025	-	-	-	7.7	25.0	5000
PCZF-0087-013	-	-	-	8.7	13.0	1500
PCZF-0087-025	M10	-	-	8.7	13.0	1500
PCZF-0093-013	-	1/8"	3/8"	9.3	13.0	5000
PCZF-0097-013	-	-	-	9.7	13.0	2500
PCZF-0097-025	-	-	-	9.7	25.0	2500
PCZF-0108-013	-	-	7/16"	10.8	13.0	5000
PCZF-0108-025	-	-	-	10.8	25.0	5000
PCZF-0111-013	-	-	-	11.1	13.0	5000
PCZF-0111-025	M12	-	-	11.1	25.0	2500
PCZF-0119-013	-	-	1/2"	11.9	13.0	5000
PCZF-0119-025	-	-	-	11.9	25.0	3000
PCZF-0124-025	M14	1/4"	1/2"	12.4	25.0	2500
PCZF-0132-025	M15	-	9/16"	13.2	25.0	2500
PCZF-0143-025	M16	-	-	14.3	25.0	2500
PCZF-0153-025	-	-	-	15.3	25.0	2000
PCZF-0159-025	M18	-	5/8"	15.9	25.0	2000
PCZF-0174-013	M18	-	-	17.4	13.0	1500
PCZF-0174-025	M20	-	-	17.4	25.0	1500
PCZF-0188-013	-	-	3/4"	18.8	13.0	2500
PCZF-0188-025	-	-	-	18.8	25.0	1250
PCZF-0200-013	-	-	-	20.0	13.0	2500
PCZF-0200-025	M22	-	-	20.0	25.0	2500
PCZF-0206-013	-	1/2"	13/16"	20.6	13.0	2500
PCZF-0206-025	-	-	-	20.6	25.0	2000
PCZF-0220-025	-	5/8"	7/8"	22.0	25.0	1000
PCZF-0238-025	M25	-	-	23.8	25.0	1500
PCZF-0251-025	-	-	1"	25.1	25.0	1500
PCZF-0269-025	M30	-	-	26.9	25.0	1000
PCZF-0286-038	M32	7/8"	1 1/8"	28.6	38.0	1000
PCZF-0312-038	M35	1"	1 1/4"	31.2	38.0	350
PCZF-0349-025	M35	-	1 3/8"	34.9	25.0	350
PCZF-0349-038	M39	-	1 3/8"	34.9	38.0	350
PCZF-0381-038	M39	-	1 1/2"	38.1	38.0	350
PCZF-0413-038	M42	1 1/4"	-	41.3	38.0	350

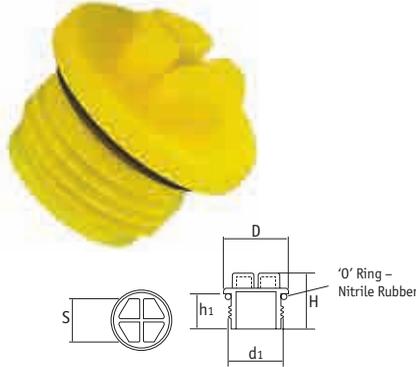
# THREADED PLUGS

## O-Ring Threaded Plugs

SR 1125

Yellow HDPE

- Can be applied or removed by spanner, screwdriver or socket; manually or with power tool



## Metric Thread

Part Number	Thread Size (d <sub>1</sub> )	Dimensions (mm)				Standard Pack Quantity
		D	H	h <sub>1</sub>	S	
498659	M8 x 1	12.5	17.0	10.0	6.0	500
498660	M10 x 1	14.5	17.2	10.0	7.0	500
498661	M12 x 1	17.0	17.2	10.0	10.0	500
498662	M10 x 1.5	14.5	19.2	12.0	7.0	500
498663	M12 x 1.5	17.0	19.2	12.0	10.0	500
498664	M14 x 1.5	22.0	19.2	12.0	10.0	500
498540	M16 x 1.5	24.0	20.4	12.0	13.0	500
498541	M18 x 1.5	24.0	20.4	12.0	13.0	500
498542	M20 x 1.5	26.0	20.4	12.0	15.0	250
498665	M22 x 1.5	28.0	20.4	12.0	15.0	250
498543	M24 x 1.5	30.0	20.4	12.0	17.0	250
498544	M26 x 1.5	32.0	20.4	12.0	19.0	250
498546	M30 x 1.5	38.0	20.6	12.0	22.0	250
498547	M32 x 1.5	40.0	20.6	12.0	24.0	250
498666	M36 x 1.5	45.0	20.6	12.0	24.0	100
498667	M38 x 1.5	48.0	20.6	12.0	24.0	100
498668	M27 x 2.0	33.0	24.6	15.0	19.0	250
498548	M30 x 2.0	38.0	24.6	15.0	22.0	250
498549	M33 x 2.0	40.0	24.6	15.0	24.0	250
498550	M36 x 2.0	45.0	24.6	15.0	24.0	100
498669	M42 x 2.0	50.0	24.6	15.0	24.0	100
498551	M45 x 2.0	52.0	25.0	15.0	30.0	100
498670	M48 x 2.0	55.0	25.0	15.0	30.0	100
498671	M52 x 2.0	60.0	25.0	15.0	30.0	100

## UNF Thread

Part Number	Thread Size (d <sub>1</sub> )	Dimensions (mm)				Standard Pack Quantity
		D	H	h <sub>1</sub>	S	
498672	3/8" x 24	14.0	17.2	10.0	7.0	500
498673	7/16" x 20	16.0	19.7	12.5	10.0	500
498674	1/2" x 20	19.0	20.9	12.5	10.0	500
498675	9/16" x 18	21.0	20.9	12.5	10.0	500
498552	5/8" x 18	22.0	20.9	12.5	13.0	500
498676	3/4" x 16	27.0	21.9	13.5	13.0	500
498677	7/8" x 14	28.0	21.9	13.5	15.0	250
498553	1" x 14	31.0	22.1	13.5	17.0	250
498554	1 1/16" x 12	35.0	22.6	14.0	19.0	250
498678	1 3/16" x 12	38.0	22.6	14.0	22.0	250
498555	1 5/16" x 12	42.0	24.0	14.0	24.0	250
498679	1 7/8" x 12	50.0	24.0	14.0	24.0	100
498680	1 7/8" x 12	55.0	24.0	14.0	30.0	100

## BSP Thread

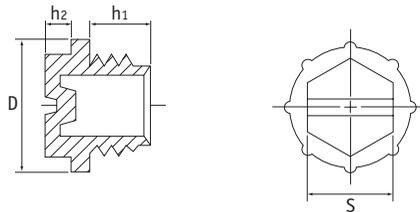
Part Number	Thread Size (d <sub>1</sub> )	Dimensions (mm)				Standard Pack Quantity
		D	H	h <sub>1</sub>	S	
498681	1/8" x 28	16.0	17.2	10.0	7.0	500
498682	1/4" x 19	19.0	19.7	12.5	10.0	500
498683	3/8" x 19	22.0	20.9	12.5	13.0	500
498556	1/2" x 14	27.0	21.9	13.5	15.0	500
498557	5/8" x 14	29.5	21.9	13.5	17.0	500
498558	3/4" x 14	32.0	21.9	13.5	19.0	250
498559	7/8" x 14	37.0	21.9	13.5	22.0	250
498684	1" x 11	40.0	23.6	15.0	24.0	250
498685	1 1/4" x 11	50.0	23.6	15.0	24.0	250
498686	1 1/2" x 11	56.0	25.0	15.0	30.0	100
498687	1 3/4" x 11	62.0	25.0	15.0	36.0	100
498688	2" x 11	68.0	25.0	15.0	36.0	100

## Open Slottex Plugs

SR 1117

Blue HDPE

- Can be applied or removed by spanner, screwdriver or socket; manually or with power tool



Part Number	Fit UNF Thread Size	Dimensions (mm)				Standard Pack Quantity
		D	h <sub>1</sub>	h <sub>2</sub>	S	
B-3	7/16"-20	15.8	7.6	4.6	10.9	11000
B-4	1/2"-20	17.3	9.1	4.6	12.7	7500
B-5	9/16"-18	19.1	9.7	4.6	12.7	6000
B-6	5/8"-18	20.6	8.9	4.6	14.2	5000
B-7	3/4"-16	23.9	11.2	4.8	17.3	3500
B-8	7/8"-14	26.9	12.7	6.1	19.1	2100
B-9	1"-14	30.0	10.9	6.4	19.1	2000
B-10	1 1/16"-14	33.3	16.4	6.4	22.1	1200

## UNF Standard Threaded Plugs

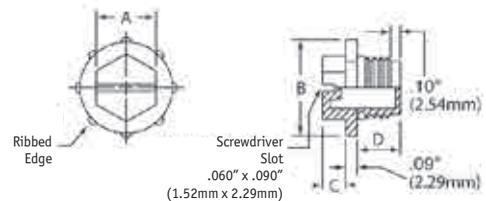
SR5762

Polypropylene - Yellow/Black\*

- Can be applied or removed by hand, hex wrench or screwdriver
- Optional O-ring gives this part a water tight seal for superior leakage protection



Part Number	Part Number w/O-ring	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
			A	B	C	D	
BL3A	BL3L	3/16" x 20	10.9	15.8	4.57	9.91	5000
BL4A*	BL4B*	1/2" x 13	12.7	17.5	7.14	10.41	3000
BL5A	BL5K	5/16" x 18	12.7	19.1	4.57	10.67	3000
BL7A	BL7J	3/4" x 16	17.3	23.9	4.83	13.21	1500
BL8A	BL8H	7/8" x 14	19.1	26.9	6.1	14.22	2100
BL10A	BL10I	1 1/16" x 12	22.1	33.3	6.35	16.76	600
BL11A	BL11D	1 3/16" x 12	25.4	38.1	7.62	17.78	850
BL12A	BL12H	1 3/8" x 12	27.18	40.89	7.37	17.78	700
BL13A	BL13D	1 5/8" x 12	28.58	42.75	7.62	19.56	500
BL14A	BL14C	1 7/8" x 12	38.1	53.98	7.62	19.05	700



## Threaded Protection Plug with Gasket

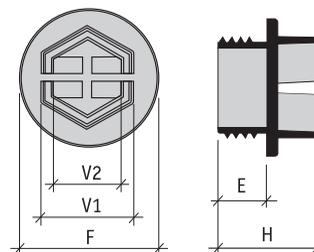
SR F-0012

Plug: PA, Seal: TPE

- Heat resistant protection plug with washer seal
- Suitable for BSP thread
- Can be assembled using straight screwdriver, hex key or wrench
- Temperature: Min. -30°C, Max. +90°C



Part Number	Thread BSP GAS	Dimensions (mm)					Standard Pack Quantity
		H	E	F	NV (V1)	HEX (V2)	
8610000	3/8"	16.0	8.0	16.0	12.0	8.0	1000
8611000	1/4"	18.0	8.0	21.0	16.0	12.0	1000
8612000	3/16"	18.0	8.0	24.0	16.0	12.0	1000
8613000	1/2"	20.0	10.0	28.0	18.0	14.0	500
8614000	3/4"	20.0	10.0	35.0	18.0	14.0	500
8615000	1"	20.0	10.0	44.0	20.0	16.0	250
8616000	1 1/4"	26.0	14.0	52.0	32.0	27.0	100

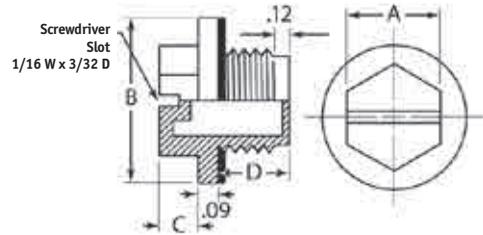


## UNF Standard Threaded Wide Flange Plug

SR5761

### PA and Nitrile

- The wide flange design keeps any paint flakes away from the hole when removed
- The PA material absorbs paint keeping flakes away from the hole when removed to a minimum
- The nitrile gasket seals the plug to the mating surface for watertight seal
- Can be applied or removed by hand, screwdriver or with a torque wrench
- Nylon is recommended for intermittent temperatures from -40°C to +100°C



Part Number	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
		A	B	C	D	
BLWF100A	3/16" x 20	12.7	19.6	4.5	9.9	5000
BLWF105A	1/8" x 20	12.7	21.6	4.5	10.2	5000
BLWF110A	9/16" x 18	12.7	23.2	4.5	10.6	2500
BLWF115A	3/4" x 16	19.0	28.7	4.8	13.2	2500
BLWF120A	7/8" x 14	19.0	32.6	6.1	14.2	2500
BLWF125A	1 1/16" x 12	25.4	40.0	6.3	16.7	1000
BLWF130A	1 3/16" x 12	25.4	43.7	7.6	17.7	1000
BLWF135A	1 1/8" x 12	25.4	47.4	7.3	17.7	1000
BLWF140A	1 1/2" x 12	28.5	56.3	7.6	19.5	500
BLWF145A	1 7/8" x 12	38.1	63.6	7.6	19.0	500

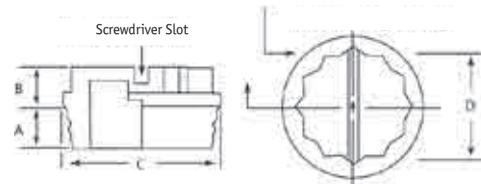
## UNF Standard Threaded Molded O-Ring Plug

SR5760

### HDPE

- Often used on flat-faced hydraulic fittings
- Integral sealing type bead prevents oil leakage or entrance of contaminants
- The flange lip compresses against the surface to keep contaminants out
- Can be applied or removed by hand, wrench, socket or screwdriver

12 Point Head For Socket or Wrench Tightening



Part Number	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
		A	B	C	D*	
BLM3B	3/16" x 20	8.7	7.1	16.76	3/16"	8000
BLM3-24B	7/16" x 24	8.7	7.1	16.76	3/16"	8000
BLM4B	1/2" x 20	8.7	8.0	18.54	7/16"	6000
BLM5B	9/16" x 18	8.9	8.2	20.32	1/2"	6000
BLM6B	5/8" x 18	9.5	8.0	20.83	9/16"	5000
BLM7B	3/4" x 16	10.3	10.3	25.91	1 1/16"	3000

D\* 12-Point Head Size - Measurements in inches

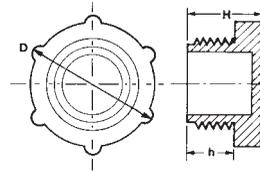
Part Number	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
		A	B	C	D*	
BLM8B	7/8" x 14	11.9	7.9	29.4	13/16"	2000
BLM9B	1" x 14	12.7	7.9	31.7	7/8"	1500
BLM10B	1 1/16" x 12	15.0	7.9	36.8	1"	1000
BLM11B	1 3/16" x 12	15.0	8.7	38.1	1 1/16"	1000
BLM12B	1 1/2" x 12	15.0	8.7	44.2	1 3/4"	1000
BLM13B	1 5/8" x 12	15.0	8.7	54.7	1 1/2"	700
BLM14B	1 7/8" x 12	15.0	8.7	55.5	1 5/8"	700

## Threaded Protection Plugs

**SR 1002**

**Red LDPE**

- Easy-to-grip head
- Thread ensures secure fit
- Excellent protection from dirt, moisture and corrosion
- Widely used in hydraulic, pneumatic and general engineering industries



**Metric**

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	H	
12011	M8 x 1	12.3	9.5	14.3	5000
12012	M10 x 1	15.3	10.4	14.6	5000
12013	M12 x 1	18.5	10.7	16.7	5000
12017*	M12 x 1.5	16.7	8.7	16.3	2500
12018*	M14 x 1.5	18.5	9.5	17.2	5000
12019	M16 x 1.5	22.0	12.5	17.2	3000
10458	M18 x 1.5	23.5	13.5	18.3	4000
12020	M20 x 1.5	26.3	14.0	18.2	3000
10128	M22 x 1.5	28.2	13.7	18.3	3000
12021	M24 x 1.5	31.3	13.8	18.5	2000
12022	M25 x 1.5	31.3	14.0	18.5	2500
12023	M26 x 1.5	32.7	13.8	18.7	2000
12030	M52 x 1.5	63.7	15.5	21.5	500

\*Hexagonal head

**UNF/JIC**

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	H	
10498	5/16" x 18	14.5	7.4	12.0	5000
10709	5/16" x 24	14.8	7.4	12.3	5000
10692	3/8" x 24	13.7	9.5	14.0	5000
10763	7/16" x 20	17.4	11.0	16.1	5000
12031	7/16" x 24	17.8	7.1	12.1	5000
10696	1/2" x 20	18.5	10.5	15.3	5000
10668	5/16" x 18	22.6	10.7	15.4	5000
12033	5/16" x 24	18.9	9.0	13.6	5000
10940	5/8" x 18	21.0	10.0	14.8	5000
12965	5/8" x 24	20.7	10.0	14.8	5000
12786	1 1/16" x 16	25.6	13.5	18.1	3000
10575	3/4" x 16	27.0	13.8	18.7	3000
12827	1 3/16" x 16	26.7	13.5	18.1	2500
10326	7/8" x 14	28.8	13.6	18.5	2500
12785	1" x 14	32.0	13.2	17.8	2000
10460	1 1/16" x 12	33.4	13.8	18.4	2000
12359	1 1/16" x 14	33.3	13.7	18.3	2000
11506	1 3/16" x 12	36.8	13.5	18.3	1500
10671	1 3/16" x 12	39.3	11.0	16.3	1500
11752	1 5/8" x 12	50.6	12.9	17.3	800
11755	1 7/8" x 12	58.4	16.7	22.5	400
12040	2 1/2" x 12	73.6	15.0	20.6	300

**BSP/Gas**

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	H	
10651	1/8" x 28	16.4	4.2	10.5	5000
10588	1/4" x 19	18.8	6.5	12.8	5000
10996	3/8" x 19	22.9	5.5	12.0	5000
10590	1/2" x 14	28.0	10.3	17.3	3000
10511	5/8" x 14	31.3	13.9	18.4	2500
10731	3/4" x 14	32.3	11.0	17.0	2000
11429	7/8" x 14	38.0	13.5	18.1	1500
10810	1" x 11	39.8	10.8	16.9	1500
10459	1 1/4" x 11	49.9	15.0	20.9	800
11242	1 1/2" x 11	55.2	10.8	16.9	600
10496	2" x 11	73.7	10.7	17.5	400
10319	3" x 11	105.0	11.3	16.5	150

**Metric**

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	H	
12605	M14 x 1.5	21.5	8.0	12.5	5000
12606	M16 x 1.5	23.6	8.0	12.0	3000
18408	M20 x 1.5	29.5	8.0	13.0	3000
12597	M30 x 2.0	39.9	9.8	14.6	1500
12611	M36 x 2.0	45.6	10.5	21.5	1000
12578	M42 x 2.0	64.7	15.5	21.2	700
12602	M45 x 2.0	57.8	12.7	18.5	700
12612	M52 x 2.0	65.9	15.4	21.3	500

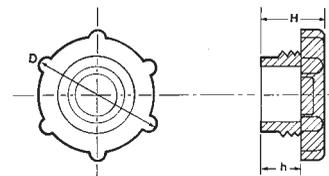
**BSP/Gas**

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	H	
10101	1/4" x 19	20.5	6.0	9.2	5000
10102	3/8" x 19	24.1	6.2	9.6	5000
10103	1/2" x 14	30.4	6.1	9.2	3000
10105	5/8" x 14	30.2	6.0	9.2	2500
10106	3/4" x 14	34.0	6.1	9.1	2000
12613	3/4" x 14	33.2	6.8	12.5	2000
10107	1" x 11	40.2	5.7	9.0	1500
12614	1 1/4" x 11	49.5	12.9	18.7	800

## Quick-Fit Threaded Plugs

**SR 1009**

**Red LDPE**



**UNF/JIC**

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	H	
10108	5/16" x 20	18.5	5.9	9.0	5000
10109	1/2" x 20	20.6	5.9	9.1	5000
10110	9/16" x 18	21.4	5.9	9.0	5000
10119	3/4" x 16	26.7	5.9	9.3	3000
10120	7/8" x 14	29.8	6.2	9.2	2500
11000	1 1/16" x 12	33.9	5.9	9.0	2000
11001	1 3/16" x 12	40.3	6.0	9.4	1500

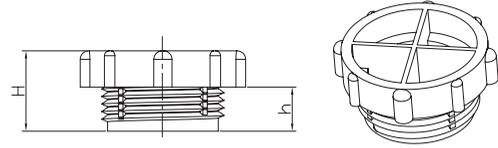
# THREADED PLUGS

## Anti-Vibration Plug

SR 6112

Transparent LDPE

- Ideal for BSP hydraulic fittings
- Notched thread design prevents part coming loose due to vibration
- Transparent colour allows easy inspection of o-ring
- Plug keeps fitting tight against tube collar



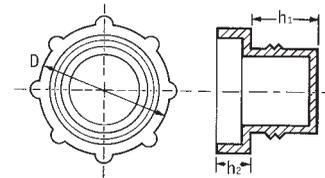
Part Number	To Fit Thread BSP	Dimensions (mm)		Standard Pack Quantity
		H	h	
110826	¼" x 19	11.0	5.0	500
110827	⅜" x 19	12.8	6.8	500
110829	½" x 14	13.3	7.3	500
110828	⅝" x 14	16.5	10.5	500
110830	¾" x 14	15.6	9.6	500

## BSP Threaded Plugs

SR 1054

Red LDPE

- Fits popular BSP sizes
- Very quick fitting and removal
- Ideal for hydraulic couplings



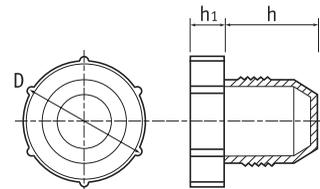
Part Number	To Fit Thread Size	Dimensions (mm)			Standard Pack Quantity
		d	h1	h2	
10097	¼" x 19	17.0	4.5	6.0	5000
10098	⅜" x 19	21.0	6.3	6.0	5000
10099	½" x 14	27.0	6.8	6.0	3000
10548	⅝" x 14	28.0	9.6	6.0	2500

## Threaded Fitting Plugs

SR 1077

Red LDPE

- Knurled head for easy application
- Ideal for sealing 37° flare fittings



Part Number	UNF/JIC Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	h	h1	
110228	⅝" x 24	13.9	10.7	6.3	12000
110177	⅜" x 24	15.3	11.9	6.4	8500
110178	⅝" x 20	17.2	14.1	6.4	6500
110179	½" x 20	17.2	13.7	6.3	6500
110180	⅝" x 18	20.4	12.6	6.4	4500
110181	⅝" x 18	20.8	14.5	6.4	4500
110182	¾" x 16	24.1	18.6	6.5	2200
110183	⅞" x 14	27.0	21.1	6.5	1800
110184	1½" x 12	34.7	21.8	6.5	1200
110185	1⅞" x 14	34.0	24.6	6.4	1000
110186	1⅞" x 12	40.9	23.5	6.3	1400

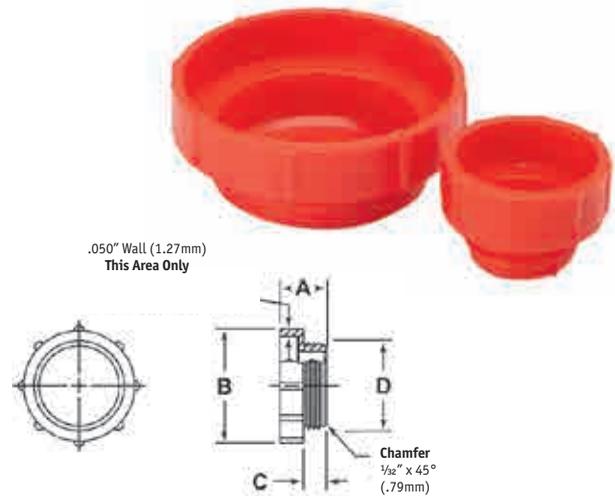
## NPT Threaded Plug

SR 5759

High Density Polyethylene - Red

- Knurled head design allows the user to install or remove these by hand easier
- Used to protect NPT thread against contaminants and moisture

Part Number	To Fit Thread Size	Dimensions (mm)				Standard Pack Quantity
		A	B	C	D	
PT1/4A	1/4"	12.7	18.4	5.7	11.2	9000
PT3/8A	3/8"	12.7	22.9	5.7	14.9	6500
PT1/2A	1/2"	12.7	28.5	6.4	17.8	4000
PT3/4C	3/4"	12.7	33.0	6.4	23.9	3000
PT1A	1"	12.7	39.8	6.4	30.0	1800



## Blasting Plug

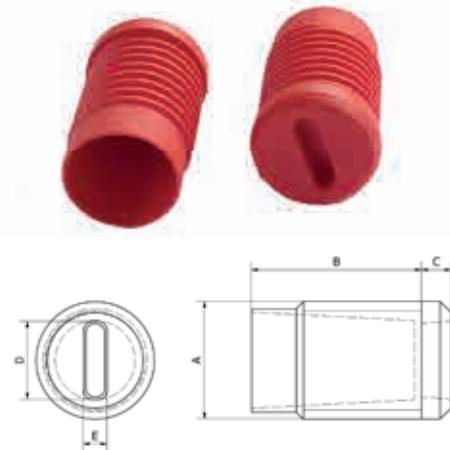
SR F-0013

LDPE RED



- Threading plug designed for blasting and wet painting applications
- Prevents shot blasting grit from getting caught at the thread entrance
- Provide a minimal shadow when painting
- Slot for screwdrivers provide easy mounting and disassembly
- Temperature: Min -30°C, Max. +50°C

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
8088000	M16 x 2	23.0	4.0	10.0	3.0	1000



## Hose Washer Cap

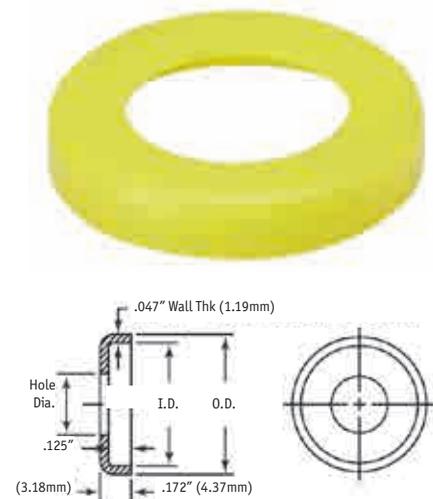
SR 5758

LDPE - Yellow

TPE - Black

- Applied on hose and tube ends in order to prevent them from sliding over the fittings

Part Number		Dimensions (mm)			Standard Pack Quantity
LDPE	TPE	Hole Ø	I.D.	O.D.	
W6A	W6C	8.1	15.0	17.4	19000
W8A	W8C	11.3	19.3	21.8	12000
W10A	W10C	14.6	22.1	24.6	10000
W13A	W13C	17.8	26.4	29.0	6500
W15A	W15C	21.0	29.6	32.2	5000
W20A	W20C	26.7	33.0	35.6	5000



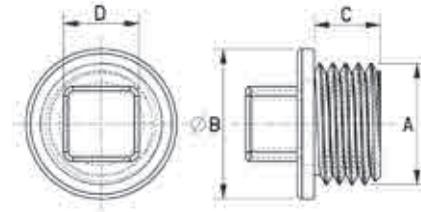
# THREADED PLUGS

## Pipe Plug

SR 5757

PA 6 Natural

- Strong plug for inner gas threads of 1/8" up to 1 1/4"
- Resistant to most chemicals, moisture and salt water



Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
075012500001	G3/4	13.0	7.0	9.0	50
075025000001	G3/4	16.0	7.0	11.0	50
075037500001	G3/4	21.0	8.0	12.5	50
075050000001	G1/2	27.0	9.0	14.0	50
075075000001	G3/4	34.0	11.0	17.0	50
075100000001	G1	41.0	11.0	19.0	50
075125000001	G1 1/4	53.0	11.0	24.0	50

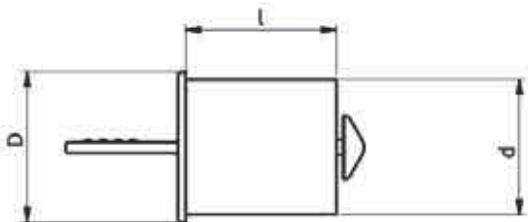
## Fluid Absorption Plug

SR 1004

Yellow PP/Bi-Component Fibre

- Control fluid excess residue by absorption to hold and not leak preventing damage and contamination
- Unique design allowing quick, easy installation and removal to save time and cost

- Safer, easier and cleaner than a conventional plug, the product leaves no residue in the thread/hole
- Suitable for Metric and Imperial size threads including plain bore holes
- Absorbs a variety of substances with inherent chemical resistance
- More sizes available against leadtime and MOQ\*



Part Number	To Fit Thread Size			Dimensions (mm)			Absorption ml**	Standard Pack Quantity
	Metric	BSP	UNF	D	d	l		
1342611	M10 x 1.5	1/8" x 28	3/16" x 24	10.5	8.5	15.0	0.54	1000
1342612*	M10 x 1.5	1/8" x 28	3/16" x 24	10.5	8.5	25.0	0.89	1000
1342613	M12 x 1.5	-	-	12.5	10.5	15.0	0.86	1000
1342614*	M12 x 1.5	-	-	12.5	10.5	25.0	1.43	1000
1342615	-	1/4" x 19	-	14.5	11.5	15.0	1.05	1000
1342616*	-	1/4" x 19	-	14.5	11.5	25.0	1.76	1000
1342617*	M14 x 1.5	-	9/16" x 18	14.5	12.5	15.0	1.02	1000
1349120	M14 x 1.5	-	9/16" x 18	14.5	12.5	20.0	1.36	1000
1342618	M14 x 1.5	-	9/16" x 18	14.5	12.5	25.0	1.70	1000
1342619	M16 x 1.5	-	5/8" x 18	17.0	14.5	15.0	1.48	1000
1342620	M16 x 1.5	-	5/8" x 18	17.0	14.5	25.0	2.46	1000
1342621*	M18 x 1.5	-	-	19.0	17.0	15.0	2.14	1000
1342622	M18 x 1.5	-	-	19.0	17.0	25.0	3.57	1000
1342623*	-	3/8" x 19	-	17.0	15.0	15.0	1.65	1000
1342624	-	3/8" x 19	-	17.0	15.0	25.0	2.75	1000
1349119	-	-	-	20.0	18.0	20.0	3.25	1000
1342625	M20 x 1.5	1/2" x 14	-	20.0	18.5	25.0	4.32	1000
1342626	M22 x 1.5	5/8" x 14	-	23.0	21.0	25.0	5.60	1000
1342627	-	3/4" x 14	1 1/16" x 12	27.0	24.6	25.0	8.04	1000
1342628	-	1" x 11	-	33.0	30.5	35.0	17.68	1000

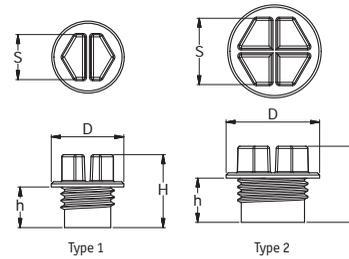
\*\*Typical values and will vary with different substances, viscosity and applications

## Slottex Plugs

SR 1005

Yellow HDPE

- Can be applied or removed with screwdriver, spanner or socket; manually or with power tool



### Metric

Part Number	Thread Size	Type Insert	Dimensions (mm)				Standard Pack Quantity
			D	H	h	S	
110860	M8 x 1	1	12.0	14.2	7.0	7.0	5000
110861	M10 x 1	1	14.0	13.2	6.0	9.0	5000
110862	M12 x 1	1	16.0	16.2	9.0	10.0	5000
110863	M12 x 1.5	1	16.0	16.2	9.0	10.0	5000
110864	M14 x 1.5	2	19.0	16.2	9.0	13.0	5000
110865	M16 x 1.5	2	21.0	17.2	10.0	15.0	3000
110866	M18 x 1.5	2	24.0	18.2	10.0	17.0	3000
110867	M20 x 1.5	2	16.0	20.2	12.0	19.0	3000

### BSP/Gas

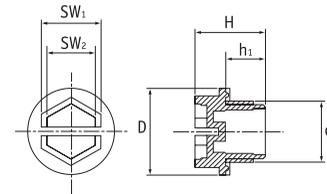
Part Number	Thread Size	Type Insert	Dimensions (mm)				Standard Pack Quantity
			D	H	h	S	
110868	½" x 28	1	14.0	16.2	9.0	9.0	5000
110869	¾" x 19	2	19.0	16.2	9.0	13.0	5000
110870	¾" x 19	2	21.0	17.2	10.0	15.0	5000
110871	½" x 14	2	26.0	20.2	12.0	19.0	3000
110872	¾" x 14	2	32.0	20.2	12.0	24.0	2000
110873	1" x 11	2	40.0	20.2	12.0	30.0	1500
110874	1¼" x 11	2	49.0	20.2	12.0	36.0	800

## Sealing Slottex Plugs

SR 1007

Yellow PA 6

- Double sealing ring on underside of flange provides positive sealing
- Quick and easy to fit using screwdriver, spanner, socket or allen key
- Can be tightened manually or with power tool
- Head designed not to trap liquid



### Metric Thread

Part Number	Thread Size (d1)	Dimensions (mm)						Standard Pack Quantity
		D	H	h1	SW1	SW2		
462836	M8 x 1	12.5	15.5	8.0	7.0	4.0	5000	
462837	M10 x 1	14.5	16.5	9.0	9.0	6.0	5000	
466973	M12 x 1	17.0	16.5	9.0	10.0	7.0	500	
466974	M10 x 1.5	14.5	16.5	9.0	9.0	6.0	500	
462838	M12 x 1.5	17.0	16.5	9.0	10.0	7.0	5000	
110836	M14 x 1.5	19.0	17.5	10.0	13.0	10.0	1000	
110837	M16 x 1.5	22.3	17.5	9.3	15.0	12.0	500	
110838	M18 x 1.5	24.0	17.5	9.0	17.0	14.0	500	
462842	M20 x 1.5	26.0	17.5	10.0	19.0	16.0	3000	
110839	M22 x 1.5	28.0	17.5	10.0	21.0	18.0	500	
466975	M24 x 1.5	30.0	17.5	10.0	24.0	21.0	500	
466976	M26 x 1.5	32.0	20.5	12.0	24.0	21.0	500	
466977	M27 x 1.5	33.0	20.5	12.0	24.0	21.0	500	
466978	M28 x 1.5	34.0	20.5	12.0	24.0	21.0	500	
466979	M30 x 1.5	38.0	20.5	12.0	24.0	21.0	500	
466980	M32 x 1.5	40.0	20.5	12.0	24.0	21.0	500	
466981	M36 x 1.5	45.0	20.5	12.0	24.0	21.0	500	
466982	M38 x 1.5	48.0	20.5	12.0	24.0	21.0	250	
466983	M45 x 1.5	52.0	21.5	12.0	30.0	27.0	250	
466985	M27 x 2	33.0	22.0	13.5	24.0	21.0	250	
466986	M30 x 2	38.0	22.0	13.5	24.0	21.0	250	
466987	M33 x 2	40.0	22.0	13.5	24.0	21.0	250	
466988	M36 x 2	45.0	22.0	13.5	24.0	21.0	250	
466989	M42 x 2	50.0	22.0	13.5	30.0	27.0	250	
466990	M45 x 2	52.0	22.0	13.5	30.0	27.0	125	
466991	M48 x 2	55.0	23.0	13.5	30.0	27.0	100	
466992	M52 x 2	60.0	23.0	13.5	30.0	27.0	100	

### BSP Thread

Part Number	Thread Size (d1)	Dimensions (mm)					Standard Pack Quantity
		D	H	h1	SW1	SW2	
110845	½" x 28	16.0	15.5	8.0	12.0	9.0	1000
110840	¾" x 19	19.0	17.5	10.0	13.0	10.0	1000
110841	¾" x 19	22.0	17.5	10.0	15.0	12.0	500
110842	½" x 14	27.0	19.5	12.0	19.0	16.0	500
466993	¾" x 14	29.5	19.5	12.0	22.0	19.0	500
110843	¾" x 14	32.0	19.5	12.0	24.0	21.0	250
110844	1" x 11	40.0	22.5	15.0	30.0	27.0	100
462853	1¼" x 11	50.0	22.5	15.0	36.0	33.0	1000
466995	1½" x 11	56.0	24.0	15.0	41.0	37.0	250
466996	1¾" x 11	62.0	24.0	15.0	50.0	46.0	250
466997	2" x 11	68.0	24.0	15.0	55.0	51.0	100

### UNF Thread

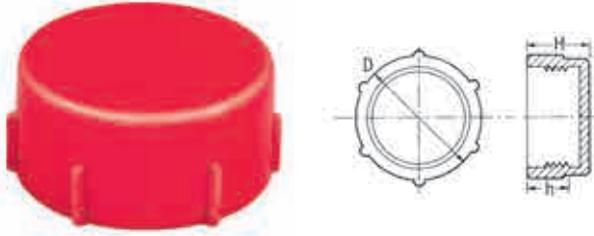
Part Number	Thread Size (d1)	Dimensions (mm)					Standard Pack Quantity
		D	H	h1	SW1	SW2	
466948	¾" x 24	16.0	17.5	10.0	9.0	6.0	5000
466949	7/8" x 20	17.0	17.5	10.0	10.0	7.0	5000
466950	½" x 20	19.0	17.5	10.0	13.0	10.0	3000
466951	9/16" x 18	20.5	17.5	10.0	13.0	10.0	3000
466952	¾" x 18	22.0	17.5	10.0	15.0	12.0	3000
466953	¾" x 16	26.0	17.5	10.0	19.0	16.0	3000
466954	7/8" x 14	28.5	19.5	12.0	21.0	18.0	3000
466955	1" x 14	31.5	19.5	12.0	24.0	21.0	1000
466956	1 1/16" x 12	33.0	19.5	12.0	24.0	21.0	1000
466958	1 3/16" x 12	40.0	22.5	15.0	30.0	27.0	1000
466959	1 5/8" x 12	47.5	22.5	15.0	36.0	33.0	500
466960	1 7/8" x 12	54.0	22.5	15.0	36.0	33.0	500

## Threaded Protection Caps

### SR 1018

#### Red LDPE

- Used throughout the automotive, fluid power and engineering industries
- Protect threaded components from dust, moisture and damage



### Metric

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	H	h	
12100	M8 x 1	9.9	10.0	7.0	500
12101	M10 x 1	11.9	10.0	7.5	500
12102	M12 x 1	13.8	12.0	9.5	500
12103	M12 x 1.5	14.0	12.0	9.5	500
12104	M14 x 1.5	15.9	12.0	9.5	500
12650	M14 x 1.5	16.0	20.6	9.2	500
12105	M16 x 1.5	17.9	12.0	9.5	500
12651	M16 x 1.5	18.0	21.0	9.0	500
12106	M18 x 1.5	19.7	14.0	9.5	500
12107	M20 x 1.5	21.9	14.0	9.5	500
12108	M22 x 1.5	24.3	13.8	11.5	500
12845	M22 x 1.5	24.4	24.5	17.5	250
12109	M24 x 1.5	26.2	14.0	11.5	250
12110	M25 x 1.5	27.2	14.0	11.5	250
12111	M26 x 1.5	28.3	14.0	11.5	250
12967	M28 x 1.5	32.0	14.0	12.4	250
12122	M30 x 2	34.0	14.0	11.5	150
12123	M36 x 2	38.8	16.0	13.5	150
12124	M42 x 2	44.5	16.0	13.5	100
12126	M52 x 2	54.7	16.0	13.5	100

### UNF/JIC

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	H	h	
10251	3/8" x 24	11.0	8.3	4.0	500
12652	7/16" x 24	13.3	13.7	7.8	500
10332	7/16" x 20	13.3	12.9	8.0	500
10528	1/2" x 20	14.5	13.5	9.5	500
11041	9/16" x 18	16.5	13.5	9.5	500
10653	5/8" x 18	18.2	15.6	7.5	500
12847	3/4" x 16	21.7	13.8	9.5	500
12825	13/16" x 16	23.3	15.3	9.3	250
11089	7/8" x 14	24.9	20.2	14.0	250
12075	7/8" x 18	25.3	20.0	14.0	250
12826	1" x 14	27.6	17.2	12.0	250
10685	1 1/16" x 12	29.4	19.0	11.0	200
10163	1 3/16" x 12	32.7	19.1	13.0	150
10151	1 5/16" x 12	36.4	22.2	14.5	100
12654	1 3/8" x 12	37.4	24.5	10.5	100
10185	1 7/8" x 12	38.9	21.7	15.2	100
11053	1 5/8" x 12	44.8	22.0	14.0	100
11804	1 7/8" x 12	50.3	25.0	15.0	100

### BSP/Gas

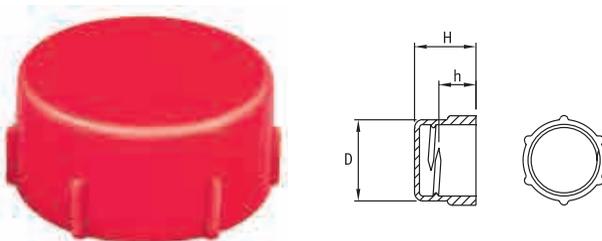
Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	H	h	
10392	1/8" x 28	11.8	12.0	6.5	500
10559	1/4" x 19	14.8	11.0	8.0	500
10104	3/8" x 19	18.7	11.3	7.4	500
10198	1/2" x 14	23.2	13.5	7.0	500
11157	5/8" x 14	25.4	15.7	10.0	500
10205	3/4" x 14	29.4	17.7	11.2	250
10970	7/8" x 14	32.4	19.5	12.5	150
10204	1" x 11	36.0	19.0	14.5	100
10167	1 1/4" x 11	44.4	19.8	13.0	100
10432	1 1/2" x 11	50.3	20.5	14.0	100
10968	2" x 11	61.9	21.0	15.0	100
12905	2 1/2" x 11	77.9	27.6	19.0	50

## Quick-Fit Caps

### SR 1161

#### Red LDPE

- Fewer thread forms allow quick application



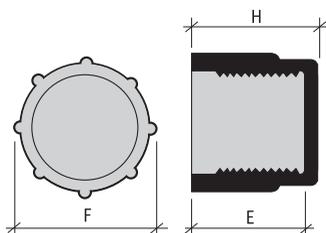
Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		D	H	h	
464147	M12 x 1.5	14.0	12.0	7.5	5000
464148	M14 x 1.5	16.0	12.0	7.5	5000
464150	M16 x 1.5	18.0	12.0	7.5	5000
464151	M16 x 1.5	18.0	21.0	6.5	5000
464152	M18 x 1.5	20.0	14.0	9.5	4000
464153	M20 x 1.5	22.0	14.0	9.5	4000
464154	M22 x 1.5	24.5	14.0	9.5	2000
464155	M24 x 1.5	26.5	14.0	9.5	2000
464156	M26 x 1.5	28.5	14.0	9.5	2000
464157	M28 x 1.5	32.0	14.0	9.5	2000
464158	M30 x 2.0	34.0	14.0	9.0	1500

## Threaded Protection Caps - Long

SR F-0014

HDPE Yellow

- Long profile protection cap offering additional threading turns
- Suitable for BSP GAS and UNF threads
- Temperature: Min. -30°C, Max. +80°C



Part Number	Thread BSP GAS	Dimensions (mm)			Standard Pack Quantity
		E	F	H	
9161000	1/8" x 28	15.0	15.0	17.5	1000
9162000	1/4" x 19	18.5	17.5	21.0	1000
9163000	3/8" x 19	20.5	22.0	23.0	1000
9164000	1/2" x 14	23.0	27.0	25.0	500
9165000	1/2" x 14	30.0	27.5	32.0	1000
9166000	5/8" x 14	23.0	29.5	25.0	500
9167000	3/4" x 14	26.0	33.0	28.0	500
9168000	7/8" x 14	26.0	37.0	28.0	500
9169000	1" x 11	26.5	40.0	28.0	250
9170000	1 1/4" x 11	26.0	49.0	28.0	250
9171000	1 1/2" x 11	26.5	54.0	28.5	250
9361000	0.6" x 19	21.0	21.0	23.0	500
9362000	0.750" x 14	22.5	24.0	25.0	500

Part Number	Thread UNF	Dimensions (mm)			Standard Pack Quantity
		E	F	H	
9221000	1/4" x 28	15.0	11.0	17.0	1000
9222000	5/16" x 24	17.0	13.5	19.5	1000
9222500	3/16" x 32	13.0	8.0	14.0	1000
9223000	3/8" x 24	17.0	15.0	19.0	1000
9224000	7/16" x 20	18.0	17.0	22.0	1000
9225000	1/2" x 20	19.5	19.0	22.0	1000
9225100	1/2" x 20	17.0	19.0	18.5	1000
9226000	5/8" x 18	21.5	21.0	24.0	1000
9227000	5/8" x 18	21.0	21.5	23.0	500
9228000	1 1/16" x 16	23.0	24.0	25.0	500
9229000	3/4" x 16	23.0	26.0	25.0	500
9230000	1 3/8" x 16	26.0	28.0	27.5	500
9231000	7/8" x 14	26.5	29.0	28.0	500
9232000	1" x 16	25.5	32.0	28.0	250
9233000	1 1/8" x 16	26.0	34.0	28.0	250
9234000	1 1/8" x 12	25.0	34.0	28.0	250
9235000	1 3/16" x 12	25.0	37.0	27.0	250
9236000	1 5/16" x 12	26.5	40.0	28.0	250
9237000	1 3/8" x 12	26.5	42.0	28.0	250
9238000	1 1/2" x 12	26.0	45.0	28.0	100
9239000	1 5/8" x 12	26.0	48.0	28.0	100
9240000	1 3/4" x 12	26.0	51.0	28.0	100
9241000	1 7/8" x 12	26.5	55.0	28.5	100

# QUESTIONS? GIVE US A CALL

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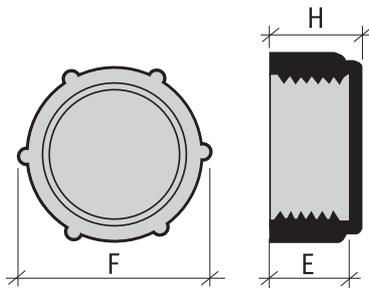


## Threaded Protection Caps – Short

F-0015

Yellow HDPE

- Short profile cap to protect against dirt and contamination during assembly, transportation, storage and painting
- Suitable for BSP GAS, UNF and METRIC threads
- Used in the piping/plumbing industry and in mechanical engineering
- Temperature: Min. -30°C, Max. +80°C



Part Number	Thread BSP GAS	Dimensions (mm)			Standard Pack Quantity
		E	F	H	
9101000	1/8" x 28	10.0	15.0	13.0	1000
9102000	1/4" x 19	11.0	19.0	12.5	1000
9103000	3/8" x 19	11.5	23.0	12.5	1000
9104000	1/2" x 14	12.0	27.0	13.5	1000
9105000	5/8" x 14	12.5	29.0	14.0	500
9106000	3/4" x 14	14.5	34.0	15.0	500
9107000	7/8" x 14	15.5	38.0	17.0	500
9108000	1" x 11	18.0	40.0	20.0	250
9109000	1 1/4" x 11	23.5	49.0	25.0	250
9110000	1 1/2" x 11	16.0	48.0	18.0	250
9111000	1 3/4" x 11	27.0	55.0	28.0	100
9111500	1 3/4" x 11	26.0	59.0	27.5	100
9112000	2" x 11	26.5	67.0	28.5	100

Part Number	Thread UNF	Dimensions (mm)			Standard Pack Quantity
		E	F	H	
9301000	1/2" x 20	12.5	20.0	14.5	1000
9302000	5/16" x 18	13.0	21.0	15.0	1000
9303000	3/8" x 18	16.5	21.0	18.0	500
9304000	11/16" x 16	16.5	24.0	19.0	500
9305000	11/16" x 16	8.5	23.0	10.0	500
9305500	13/16" x 16	20.0	27.0	22.0	500
9306000	3/4" x 16	17.0	25.0	19.0	500
9307000	7/8" x 14	18.0	29.0	20.0	500
9307500	15/16" x 16	20.0	30.0	22.0	500
9308000	1 1/16" x 12	21.0	32.0	23.0	250
9309000	1 3/16" x 12	21.0	36.5	23.0	250
9310000	1 3/8" x 12	14.0	41.0	16.0	250
9311000	1 1/2" x 12	20.0	44.5	22.5	100

Part Number	Thread Metric	Dimensions (mm)			Standard Pack Quantity
		E	F	H	
9001000	M8 x 1	8.0	12.0	10.0	1000
9002000	M10 x 1	10.0	15.0	12.0	1000
9003000	M12 x 1	10.5	17.0	12.5	1000
9004000	M12 x 1.5	10.5	17.5	12.5	1000
9005000	M14 x 1.5	10.5	19.0	13.0	1000
9006000	M16 x 1	8.1	22.0	11.0	1000
9007000	M16 x 1.5	11.0	22.0	12.2	1000
9008000	M18 x 1.5	10.5	24.5	13.0	1000
9009000	M20 x 1.5	11.0	26.0	13.5	500
9010000	M22 x 1.5	12.0	28.0	14.0	500
9011000	M24 x 1.5	12.0	29.5	13.5	500
9012000	M25 x 1.5	12.0	31.0	13.5	500
9013000	M26 x 1.5	12.5	33.0	14.5	500
9014000	M27 x 1.5	13.0	34.0	15.0	500
9014100	M29 x 1.5	13.0	35.5	15.2	500
9015000	M30 x 1.5	13.0	36.0	15.0	250
9016000	M32 x 1.5	13.0	39.0	15.0	250
9017000	M36 x 1.5	14.5	42.5	16.0	250
9018000	M38 x 1.5	15.0	44.0	17.0	250
9019000	M40 x 1.5	15.0	46.0	17.0	250
9020000	M45 x 1.5	16.0	52.0	18.0	250
9021000	M50 x 1.5	17.0	57.0	18.5	100
9022000	M52 x 1.5	17.0	59.0	19.0	100
9023000	M55 x 1.5	17.0	61.0	18.5	100
9024000	M62 x 1.5	17.0	69.0	19.0	100
9025000	M27 x 2	13.0	34.0	14.5	250
9026000	M30 x 2	13.0	36.0	15.0	250
9027000	M30 x 2	30.0	36.0	31.5	250
9029000	M36 x 2	15.0	42.0	17.0	250
9029500	M40 x 2	15.5	46.2	16.7	250
9030000	M42 x 2	15.0	48.0	16.5	250
9031000	M45 x 2	15.0	51.0	16.5	100
9032000	M52 x 2	17.0	58.0	19.0	100

## Threaded Sealing Caps

### SR 1126

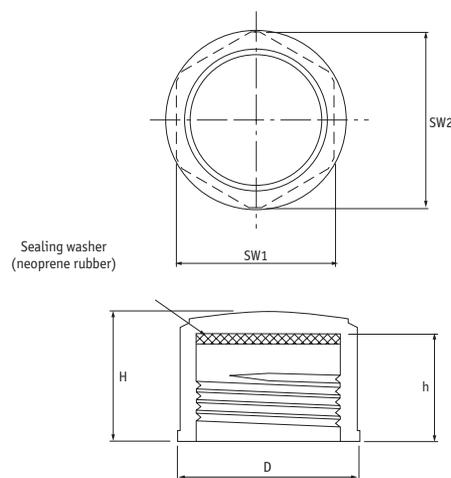
#### Yellow HDPE

- Tough HDPE material reduces potential shearing
- Internal neoprene rubber sealing disk, which limits fluid leakage
- Recommended to be tightened by hand
- Hexagonal head enables the cap to be applied or removed by spanner or socket at a low torque



#### Metric

Part Number	To Fit Thread Size	Dimensions (mm)					Standard Pack Quantity
		D	H	h1	SW1	SW2	
467033	M8 x 1	12.0	13.0	11.0	10.0	11.0	500
467034	M10 x 1	14.2	13.0	11.0	12.0	13.2	500
467035	M12 x 1	16.5	13.0	11.0	14.0	15.4	500
467036	M12 x 1.5	16.5	15.0	13.0	14.0	15.4	500
467037	M14 x 1.5	18.5	15.0	13.0	16.0	17.5	500
467038	M16 x 1.5	21.0	15.0	13.0	18.0	19.7	500
467039	M18 x 1.5	23.0	15.0	13.0	20.0	21.9	500
467040	M20 x 1.5	25.0	15.0	13.0	22.0	24.1	500
467041	M22 x 1.5	27.5	15.0	13.0	24.0	26.3	250
467042	M24 x 1.5	30.0	15.0	13.0	26.0	28.5	250
467043	M25 x 1.5	31.0	15.0	13.0	27.0	29.6	250
467044	M26 x 1.5	32.0	15.0	13.0	28.0	30.7	250
467045	M28 x 1.5	34.0	15.0	13.0	30.0	32.9	250
467046	M30 x 1.5	36.5	15.0	13.0	32.0	35.1	250
467047	M30 x 2	36.5	17.0	15.0	32.0	35.1	250
467048	M36 x 1.5	44.5	16.0	14.0	39.0	42.8	100
467049	M36 x 2	44.5	18.0	16.0	39.0	42.8	100
467050	M42 x 2	51.0	18.5	16.0	45.0	49.4	100
467051	M45 x 1.5	54.5	16.5	14.0	48.0	52.6	100
467052	M45 x 2	54.5	18.5	16.0	48.0	52.6	100
467053	M52 x 2	62.0	18.5	16.0	55.0	60.3	100



#### UNF

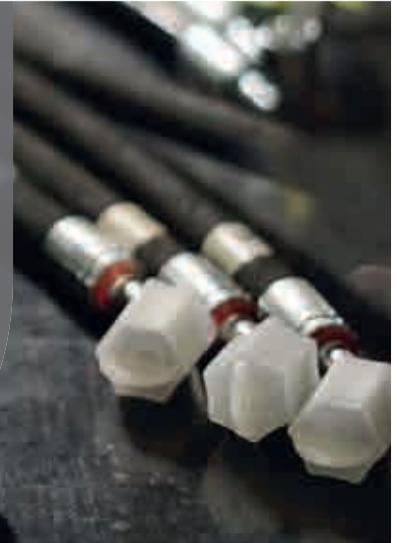
Part Number	To Fit Thread Size	Dimensions (mm)					Standard Pack Quantity
		D	H	h1	SW1	SW2	
467054	¼" x 28	10.0	13.5	11.5	8.0	8.8	500
467055	⅜" x 24	13.0	14.5	12.5	11.0	12.1	500
467056	⅜" x 24	15.5	14.5	12.5	13.0	14.3	500
467057	⅞" x 20	15.5	15.0	13.0	13.0	14.3	500
467058	½" x 20	17.5	15.0	13.0	15.0	16.5	500
467059	⅝" x 18	18.5	15.5	13.5	16.0	17.5	500
467060	⅝" x 18	21.0	15.5	13.5	18.0	19.7	500
467061	¾" x 16	24.0	16.5	14.5	21.0	23.0	500
467062	⅞" x 16	26.5	16.5	14.5	23.0	25.2	500
467063	⅞" x 18	27.5	15.5	13.5	24.0	26.3	500
467064	⅞" x 14	27.5	17.5	15.5	24.0	26.3	250
467065	1" x 14	31.0	17.5	15.5	27.0	29.6	250
467066	1 ⅛" x 12	34.5	18.5	16.5	30.0	32.9	250
1258285	1 ⅜" x 12	36.5	18.5	16.5	32.0	35.1	250
467068	1 ⅝" x 12	41.0	18.5	16.5	36.0	39.5	250
1258286	1 ⅝" x 12	43.0	18.5	16.5	38.0	41.7	250
467070	1 ⅞" x 12	45.5	18.5	16.5	40.0	43.9	250
467071	1 ⅞" x 12	51.0	19.0	16.5	45.0	49.4	100
467072	1 ¾" x 16	54.5	17.0	14.5	48.0	52.6	100
467073	1 ⅞" x 12	59.0	19.0	16.5	52.0	57.0	100

#### BSP

Part Number	To Fit Thread Size	Dimensions (mm)					Standard Pack Quantity
		D	H	h1	SW1	SW2	
467074	⅙" x 28	14.0	13.0	11.0	12.0	13.2	500
467075	⅙" x 19	17.5	15.0	13.0	15.0	16.5	500
467076	⅙" x 19	22.0	15.0	13.0	19.0	20.8	500
467077	⅙" x 14	27.0	17.0	15.0	24.0	26.0	500
467078	⅙" x 14	29.0	17.0	15.0	25.0	27.4	500
1258286	⅙" x 14	32.0	17.0	15.0	28.0	30.7	250
467080	⅙" x 14	36.0	17.0	15.0	32.0	35.1	250
467081	1" x 11	41.0	19.0	17.0	36.0	39.5	250
467082	1 ¼" x 11	51.0	19.0	17.0	45.0	49.4	250
467083	1 ½" x 11	56.0	19.5	17.0	50.0	54.8	100
467084	2" x 11	71.0	19.5	17.0	63.0	69.1	100
467085	2 ¼" x 11	80.0	19.5	17.0	70.0	76.8	100
467086	2 ½" x 11	90.0	19.5	17.0	80.0	87.7	100

## HIGH QUALITY AND RELIABLE HOSE AND FITTING PROTECTION

- Safeguard fluid handling parts from contamination or leaking in all stages of production, transit and storage
- Protect threads and control oil residue in hose fittings
- Anti-crushing and abrasion resistant spiral wrap and safety sleeves to ensure operator protection against puncture and damage



68



71



72



73



75



76



79



80



83



85



86



87



87



88



89

MORE THAN  
**500**  
HYDRAULIC  
AND PNEUMATIC  
PROTECTION  
PRODUCTS  
AVAILABLE

# HYDRAULIC AND PNEUMATIC PROTECTION



HOSE PROTECTION

068



HOSE CLAMPS

080



SPECIALIST HYDRAULIC  
CAPS AND PLUGS

086

# SPIRALGUARD



The highest quality, uniquely produced hand inspected hose protection focused on reducing expensive downtime costs and increasing site safety.

## SPIRALGUARD®

SR 1081  
HDPE



## SPIRALGUARD® BENEFITS

---

- Spiralguard® quality means your hose protection will last longer
- Spiralguard® reduces your costs by cutting hydraulic downtime by up to 80%
- Increase site safety with Spiralguard®'s market leading level of abrasion and anti-crush resistance
- High material memory leading to maximum coverage of your hydraulic hose
- Cut from extruded hose providing material memory

## CHARACTERISTICS

---

- Suitable for the protection of most types of hydraulic, pneumatic and industrial hose assemblies
- The only plastic hose protection to be cut from pipe
- Exceptional anti-crushing and abrasion resistance
- Operating temperature: minimum -65°C  
continuous +90°C  
max +100°C
- Hand inspected product ensuring a high quality finish
- Available in black and yellow
- Manufactured within the UK
- Coiled and packed in cartons for easy storage
- Standard product packed in 20 metre coils
- Request your free sample to test the suitability of this product to your application.
- Light duty alternative now available.  
Please see Spiral Wrap Polypropylene.

## FITTING SPIRALGUARD®

### How to calculate quantity:

Outside diameter of hose  
 Nominal diameter Spiralguard® (mm) x length (m) of hose to be covered

### Example:

25m length of 40mm diameter hose, select the Spiralguard® product based on wrapping range SGX-40

$40 \div 33 = 1.21$

$1.21 \times 25 \text{ (m)} = 30 \text{ metres of Spiralguard® SGX-40}$



Part Number		Nominal Diameter (inside diameter mm)	Wrapping Range	Hose Inside Diameter (in)	1-Wire	2-Wire	Multi Spiral	Dash Size	Standard Pack Quantity	
Black	Yellow									
SGX-12	-	9	9-13mm	3/16"	✓	-	-	-3	20m	
SGX-16	SGX-16Y	13	13-17mm	1/4"	✓	-	-	-4	20m	
SGX-20	SGX-20Y	15	16-22mm	1/4"	-	✓	-	-4	20m	
-	-	-	-	5/16"	✓	-	-	-5	20m	
-	-	-	-	3/8"	✓	✓	✓	-6	20m	
SGX-25	-	18.5	22-28mm	1/2"	✓	✓	✓	-8	20m	
SGX-32	SGX-32Y	27	27-33mm	5/8"	✓	✓	✓	-10	20m	
-	-	-	-	3/4"	✓	✓	✓	-12	20m	
SGX-40	-	33	33-44mm	1"	✓	✓	✓	-16	20m	
SGX-50	SGX-50Y	44	44-65mm	1 1/4"	✓	✓	✓	-20	20m	
-	-	-	-	1 1/2"	✓	-	✓	-32	20m	
SGX-75	SGX-75Y	65	65-90mm	2"	✓	-	✓	-24	20m	
SGX-90	SGX-90Y	80	Hose Looms 80mm-200mm							20m

## Spiral Wrap

### SR 1084

#### Black PP

- Providing maximum protection against abrasion
- Dramatically increases hose serviceable life
- Reduce costly repair, downtime and operator safety incidents
- Light duty material compared to HDPE, can be cut with scissors
- Operating range -40°C to 105°C



Part Number	Dimensions				Standard Pack Quantity
	Wrapping Range (mm)	Nominal Diameter I.D. (mm)	Pitch (mm)	Wall Thickness (mm)	
1287102	12.0-15.0	12.0	12.0	1.5	20m
1287103	15.0-18.0	16.0	15.0	2.0	20m
1287105	19.0-25.0	20.0	18.0	2.5	20m
1287106	23.0-29.0	25.0	21.0	2.5	20m
1287109	30.0-37.0	32.0	23.0	3.0	20m
1287112	39.0-47.0	42.0	25.5	3.5	20m
1287114	46.0-55.0	50.0	27.0	3.5	20m
1287116	68.0-70.0	74.0	29.0	4.4	20m
1287117	82.0-95.0	88.0	31.0	4.9	20m

## Spiral Guard® FRAS

SR 1081

Black HDPE



- Flame Retardant Anti-Static Spiral Guard®
- Tested and approved in accordance with the former British Coal specification 182:1986, satisfying the requirements of the non-metallics scheme for use underground
- Tested and approved by Mine Safety Laboratory Department of Mineral Resources, NSW to AS2660 FRAS Compliance - 1991
- International Standard : ISO 6805

Patents apply:

- Australia: 747837
- Germany: 69912586.3-08
- Italy: 1062456
- United Kingdom: 1062456
- United States: 6286557

Part Number	Nominal Diameter (inside diameter mm)	Wrapping Range	Hose Inside Diameter (in)	1-Wire	2-Wire	Multi Spiral	Dash Size	Standard Pack Quantity
SGX-16FRAS	13	13-17mm	½"	✓	✓	-	-4	20m
SGX-20FRAS	16	16-22mm	¾"	-	✓	-	-4	20m
-	-	-	⅝"	✓	-	-	-5	20m
-	-	-	⅜"	✓	✓	✓	-6	20m
SGX-25FRAS	21	22-28mm	⅞"	✓	✓	✓	-8	20m
SGX-32FRAS	27	27-33mm	⅝"	✓	✓	✓	-10	20m
-	-	-	¾"	✓	✓	✓	-12	20m
SGX-40FRAS	33	33-44mm	1"	✓	✓	✓	-16	20m
SGX-50FRAS	44	44-65mm	1½"	✓	✓	✓	-20	20m
-	-	-	1½"	✓	✓	✓	-24	20m
SGX-75FRAS	65	65-90mm	2"	✓	✓	✓	-32	20m
SGX-90FRAS	80			Hose Looms 80mm-200mm				20m

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## Hose Protector

SR 6000

Black, Orange and Yellow PVC

- Protects hose against point of contact wear with abrasive surfaces
- Very durable material with high wear factor
- Moulded grooves designed to fit with cable ties
- Easy to apply and remove
- Typically used on hydraulic hoses, fuel and oil lines, brake systems, wiring harnesses and battery cables



Part Number	Length		Colour	Standard Pack Quantity
	(ins)	(mm)		
600620	4"	101.6	Orange	50
600621	4"	101.6	Black	50
600623	6"	152.4	Orange	50
600624	6"	152.4	Black	50
600625	6"	152.4	Yellow	50
600626	8"	203.2	Orange	50
600627	8"	203.2	Black	50
600628	8"	203.2	Yellow	50
600630	10"	254.0	Black	50
600762	12"	304.8	Orange	50
600763	12"	304.8	Black	50
600764	12"	304.8	Yellow	50

OUR LARGE RANGE OF  
**CAPS AND PLUGS...**

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small pack quantities!

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## Fire Protection Sleeve

SR 6001

Outer Sleeve: Red Silicone

Inner Sleeve: 6 Micron Calcium Silicate Yarn



- High-performance flexible protection cover for cables, hydraulic leads and rubber hose lines
- Fire Protection Sleeving gives a protection against high temperatures, radiation heat, direct flames and liquid metal splashes
- Inner sleeve has good insulation properties, 700°C service temperature
- Red silicone outer cover is self-extinguishing
- Flexible sleeving allows easy application to curved or irregular shapes

Part Number	Internal Diameter (mm)	Standard Pack Quantity
600600	10	40m
600601	15	40m
600602	20	40m
600603	22	40m
600604	25	40m
600605	30	40m
600607	35	40m
600608	40	40m
600609	50	25m

## Spiralguard® Fire Protection Sleeve

SR 6002

Outer Sleeve: Grey Silicone

Inner Sleeve: 6 Micron Calcium Silicate Yarn



**SPIRALGUARD**

- Premium Protection Cover for cables, hydraulic leads and rubber hose lines
- Provides protection against high temperatures, radiation heat, direct flames and liquid metal splashes
- Inner sleeve has good insulation properties, 700°C service temperature
- Smooth and thick extruded silicone outer cover
- Keeps shape well allowing easy application onto straight hoses, pipes and cables

Part Number	Internal Diameter (mm)	Standard Pack Quantity
56610	10	25m
56615	15	25m
56620	20	25m
56622	22	25m
56625	25	25m
56628	28	25m
56630	30	25m
56632	32	25m
56635	35	25m
56640	40	25m
56650	50	25m
56660	60	25m

## Textile Sleeves

SR 1082

Black Polyamide 6

- Highly abrasion and burst resistant
- Temperature resistance: -40°C to +130°C
- Standard roll length: 50 metres
- US Mine Safety and Health Administration (MSHA) approved product
- Can be branded with your company logo and part numbers details



Part Number	Internal Diameter (mm)	External Flattened Width (mm)
1255545	17.0	29.9
1255546	20.1	34.0
1255547	23.1	39.1
1255548	24.9	41.9
1255549	26.9	45.0
1255550	31.0	52.1
1255551	36.1	56.9
1255552	39.9	66.0
1255553	43.9	71.9
1255554	47.0	77.0
1255555	55.1	88.9
1255556	59.9	97.0
1255557	72.9	118.2

## Spiralguard® Quick Sleeves

SR 1080

Black 1050 ballistic basket weave

with 1-1½oz urethane coating on one side

- Applicable without the need to disconnect the hose assembly
- Resistant to heat, ozone and abrasion
- Easy assembly and removal of bundles



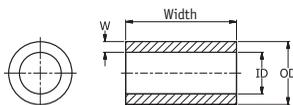
Part Number	Internal Diameter (mm)	Roll Length (m)
TQS-2	50.8	45
TQS-3	76.2	45
TQS-4	101.6	45
TQS-5	127.0	45
TQS-6	152.4	45
TQS-7	177.8	45
TQS-8	203.2	45

## Aluminium Ring

SR 1098

Aluminium

- Use to seal the sleeve on the hose
- Crimped onto hose assembly



Part Number	Dimensions (mm)				Standard Pack Quantity
	OD	ID	W	Width	
1219799	20.0	17.0	1.5	27.0	25
1219800	25.0	22.0	1.5	27.0	25
1219801	30.0	27.0	1.5	27.0	25
1219802	35.0	32.0	1.5	27.0	25
1219803	40.0	36.0	2.0	27.0	25
1219804	45.0	39.0	3.0	30.0	25
1219805	50.0	46.0	2.0	27.0	25

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## Cinch Straps: Standard and Hanging

SR 1099

Strap - Black Polyamide 11, plastic buckles

- Hook and loop design of strap holds hoses securely while allowing the hoses to expand or contract as pressure changes
- Heavy duty version is reinforced with Ballistic Cordura® Polyamide and is ultrasonically welded to a 1½" hook and loop material
- All hardware is nickel-plated steel



### Standard Cinch Strap

Standard Part Number	Heavy Duty Part Number	Circumference of Hose Bundles (mm)	Straps per package
TCS-4	TCS-4H	100	5
TCS-8	TCS-8H	200	5
TCS-12	TCS-12H	300	5
TCS-16	TCS-16H	406	5
TCS-20	-	508	5
-	TCS-24H	609	5

### Hanging Cinch Strap

Standard Part Number	Heavy Duty Part Number	Circumference of Hose Bundles (mm)	Straps per package
THCS-4	THCS-4H	100	5
THCS-8	THCS-8H	200	5
THCS-12	THCS-12H	300	5
THCS-16	THCS-16H	406	5
-	THCS-20H	508	5

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- Download 3D CAD files

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## Radiant Heat Reflective Sleeve

SR 1100

Outer Sleeve: Aluminium Foil

Inner Sleeve: Fiberglass

Silver

- Creates a thermal layer between wires, cables or hoses and the high temperature environments they are in
- Reflects more than 95% of the radiant energy that hits its surface



Part Number	Dimensions		Roll Length (m)
	I.D. (mm)	Max. Bundle Diameter (mm)	
900404	10.0	11.0	30.5
900405	16.0	17.0	30.5
900406	20.0	21.0	30.5
900407	25.0	26.0	30.5
900408	30.0	31.0	30.5

## Thermal Protection Sleeve

SR 1101

Nomex™ fibre

Natural

- Provides thermal protection and high abrasion resistance
- Soft feel and smooth appearance makes installation easy
- Cuts easily with standard scissors
- Operating Range: -196°C to 350°C



Part Number	Nominal Size (mm)	Expansion Range		Roll Length (m)
		Min (mm)	Max (mm)	
900365	3.0	1.0	4.0	30.5
900366	6.0	5.0	8.0	30.5
900367	8.0	6.0	10.0	30.5
900368	10.0	7.0	13.0	30.5
900369	12.0	8.0	16.0	30.5
900370	15.0	10.0	20.0	30.5
900371	20.0	14.0	26.0	30.5
900372	25.0	18.0	33.0	30.5
900373	30.0	20.0	39.0	30.5
900374	40.0	30.0	52.0	30.5
900375	50.0	40.0	65.0	30.5

## PPS Expandable Sleeve

SR 1102

Polyphenylene sulfide monofilament Black

UL94 – V-0

- Used on flame resistant and high temperature cable assembly and wire harness applications
- Lightweight sleeve that has chemical resistance, low wear, dimensional stability, and low moisture stability
- Cuts cleanly with a hot knife



Part Number	Nominal Flat Width (mm)	Expansion Range		Roll Length (m)
		Min (mm)	Max (mm)	
900437	3.0	1.0	6.0	60.9
900438	6.0	3.0	9.0	60.9
900439	8.0	5.0	16.0	30.5
900440	10.0	7.0	19.0	30.5
900441	12.0	8.0	24.0	30.5
900442	16.0	10.0	27.0	30.5
900443	19.0	14.0	30.0	15.2
900444	25.0	18.0	35.0	15.2
900445	32.0	20.0	50.0	15.2
900446	38.0	30.0	60.0	15.2
900479	45.0	35.0	75.0	15.2
900449	50.0	40.0	80.0	15.2
900450	64.0	45.0	105.0	15.2
900451	76.0	64.0	120.0	15.2

## PET Anti-Abrasion Sleeve

SR 1103

Polyethylene terephthalate Black

VW-1

- Has 300% more abrasion resistance than the standard polyester expandable sleeve
- The material has a wide operating temperature range. Is resistant to UV radiation and chemical degradation
- Cuts cleanly with a hot knife



Part Number	Nominal Flat Width (mm)	Expanded Range		Roll Length (m)
		Min (mm)	Max (mm)	
900461	3.0	1.0	6.0	60.9
900462	6.0	3.0	9.0	60.9
900463	8.0	5.0	16.0	30.5
900464	10.0	7.0	19.0	30.5
900465	12.0	8.0	24.0	30.5
900466	16.0	10.0	27.0	30.5
900467	19.0	14.0	30.0	15.2
900468	25.0	18.0	35.0	15.2
900469	32.0	20.0	50.0	15.2
900470	38.0	30.0	60.0	15.2
900471	45.0	35.0	75.0	15.2
900472	50.0	40.0	80.0	15.2
900473	64.0	45.0	105.0	15.2
900474	76.0	64.0	120.0	15.2

## PA Expandable Sleeve

SR 1104

Polyamide 6.6 Black

VW-1

- Offers excellent abrasion resistance while maintaining a high degree of flexibility and durability
- Provides a smooth and slick surface that resists snags when dragged over a rough surface
- Cuts cleanly with a hot knife

Part Number	Nominal Flat Width (mm)	Expanded Range		Roll Length (m)
		Min (mm)	Max (mm)	
900426	3.0	1.0	6.0	60.9
900427	6.0	3.0	9.0	60.9
900428	8.0	5.0	16.0	30.5
900429	10.0	7.0	19.0	30.5
900430	12.0	8.0	24.0	30.5
900431	16.0	10.0	27.0	30.5
900432	19.0	14.0	30.0	15.2
900433	25.0	18.0	35.0	15.2
900434	32.0	20.0	50.0	15.2
900435	38.0	30.0	60.0	15.2
900436	45.0	35.0	75.0	15.2
900483	50.0	40.0	80.0	15.2
900484	64.0	45.0	105.0	15.2
900485	76.0	64.0	120.0	15.2



## Expandable Sleeve

SR 1105

Polyester Black

VW-1

- The open weave construction allows for easy installation reducing assembly cost
- Cut and abrasion resistant with high thermal properties
- Flame-retardant, chemical resistant, and halogen free
- Used on wire harnessing applications where durability and low cost are essential
- Typically used with cables or wires

Part Number	Nominal Size (mm)	Expansion Range		Roll Length (m)
		Min (mm)	Max (mm)	
900303	3.0	1.0	6.0	60.9
900304	6.0	3.0	9.0	60.9
900305	8.0	5.0	16.0	30.5
900306	10.0	7.0	19.0	30.5
900307	12.0	8.0	24.0	30.5
900308	15.0	10.0	27.0	30.5
900309	20.0	14.0	30.0	15.2
900310	25.0	18.0	35.0	15.2
900311	30.0	20.0	50.0	15.2
900312	40.0	30.0	60.0	15.2
900313	45.0	35.0	75.0	15.2
900314	50.0	40.0	80.0	15.2
900315	64.0	45.0	105.0	15.2
900316	76.0	64.0	120.0	15.2

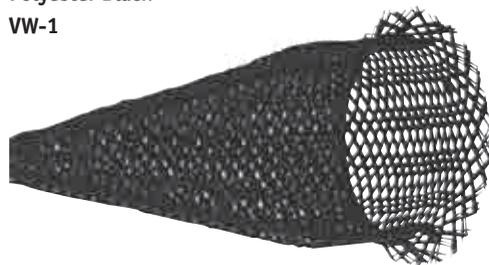


## Scissor Cut Sleeve

SR 1106

Polyester Black

VW-1



- Can be cut with scissors and maintain a frayless end
- Perfect when used in the field where a hot knife is not available
- Excellent abrasion resistance
- Typically used with cables or wires

Part Number	Nominal Size (mm)	Expansion Range		Roll Length (m)
		Min (mm)	Max (mm)	
900289	3.0	1.0	5.0	60.9
900290	6.0	3.0	8.0	60.9
900291	8.0	5.0	10.0	30.5
900292	10.0	7.0	12.0	30.5
900293	12.0	8.0	14.0	30.5
900294	15.0	10.0	18.0	30.5
900295	20.0	14.0	23.0	15.2
900296	25.0	18.0	28.0	15.2
900297	30.0	20.0	35.0	15.2
900298	40.0	30.0	42.0	15.2
900299	45.0	35.0	48.0	15.2
900300	50.0	40.0	54.0	15.2
900301	64.0	45.0	70.0	15.2
900302	76.0	64.0	80.0	15.2

## Self-Closing Braided Wrap

SR 1107

Polyester Black

UL94 - V-2



- The self closing 25% overlap design allows easy access to the cables or wires inside
- Can be assembled over components after they have already been installed
- Lightweight and abrasion resistant
- Cuts cleanly with a hot knife or scissors

Part Number	Dimensions		Roll Length (m)
	I.D. (mm)	Max. Bundle Diameter (mm)	
900452	6.0	7.0	30.5
900453	9.0	10.0	30.5
900454	13.0	14.0	30.5
900455	16.0	17.0	30.5
900456	19.0	20.0	30.5
900457	25.0	26.0	30.5
900458	32.0	33.0	15.2
900459	38.0	40.0	15.2
900460	50.0	52.0	15.2

## Textile Heatshrink Sleeve

SR 1108

Polyester and polyolefin Black

- Shrink Ratio: 2:1
- Shrinkage temperature: 110°C to 185°C
- Provides excellent abrasion resistance and noise reduction
- Can be easily installed over connectors, fittings, splices, cables and hoses



Part Number	Nominal Size (mm)	Dimensions		Roll Length (m)
		As Supplied I.D (mm)	After Recovery I.D (mm)	
900317	10.0	10.0	5.0	30.5
900318	12.0	12.0	6.0	30.5
900319	20.0	20.0	10.0	30.5
900320	25.0	25.0	12.5	30.5
900321	30.0	30.0	15.0	30.5
900322	34.0	34.0	17.0	30.5
900323	40.0	40.0	20.0	30.5
900324	50.0	50.0	25.0	30.5
900325	60.0	60.0	30.0	30.5
900326	70.0	70.0	35.0	30.5
900327	80.0	80.0	40.0	30.5

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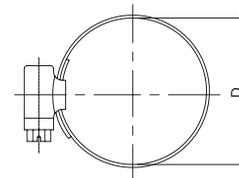
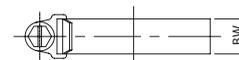
## Worm-Drive Hoseclamps – AISI 304/W4

SR 6121

Stainless Steel AISI 304/W4

Band housing and screw is AISI 304

- 9mm band width has a recommended maximum tightening torque of 3.0Nm
- 12mm band width has a recommended maximum tightening torque of 5.0Nm
- Stamped rather than perforated band, with rolled-up edges, to avoid hose distortion when clamping a flexible rubber hose
- C7 hexagonal head allows standard tools to be used for fitting and removing



Part Number	Band Width (mm)	Clamping Range (mm)	Auto Code	Standard Pack Quantity
494315	9	8 – 16	000	50
494316	9	10 – 16	M00	50
494317	9	12 – 22	0/00	50
494318	12	16 – 25	0X	50
494319	12	20 – 32	1A	50
494320	12	25 – 40	1/1X	50
494321	12	32 – 50	2A	50
494322	12	40 – 60	2/2X	50
494323	12	50 – 70	3	50

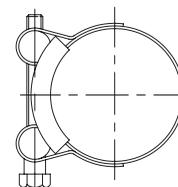
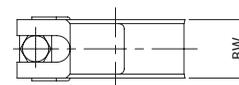
## T-Bolt Clamps – AISI 304/W4

SR 6122

Stainless Steel AISI 304/W4

Band housing and screw is AISI 304

- Clamp conforms to DIN 3017
- Band has rolled up edges to prevent cutting into the hose
- The bridge, solid rings and three welded points ensure strength with increased safety
- The raised screw head facilitates tightening
- C7 hexagonal head allows standard tools to be used for fitting and removing



Part Number	Band Width (mm)	Clamping Range (mm)	Bolt Size	Standard Pack Quantity
494324	18.0	17 – 19	M5 x 40	100
494325	18.0	20 – 22	M5 x 40	100
494327	18.0	26 – 28	M5 x 40	100
494328	20.0	29 – 31	M6 x 50	100
494329	20.0	32 – 35	M6 x 50	50
494330	20.0	36 – 39	M6 x 50	50
494331	20.0	40 – 43	M6 x 50	50
494332	22.0	44 – 47	M6 x 60	50
494333	22.0	48 – 51	M6 x 60	50
494334	22.0	52 – 55	M6 x 60	50
494335	22.0	56 – 59	M6 x 60	50
494337	22.0	64 – 67	M8 x 70	50
494338	24.0	68 – 73	M8 x 70	50
494339	24.0	74 – 79	M8 x 70	50
494341	24.0	83 – 88	M8 x 75	25
494345	24.0	104 – 112	M8 x 80	25

## Worm-Drive Hose Clamps

SR 6100

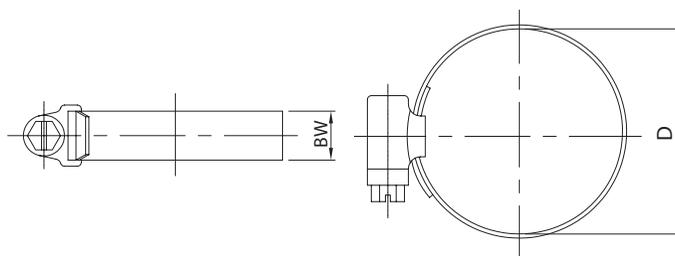
Stainless Steel Band (AISI 430/W2)

Yellow Galvanised Steel Screw

- 9mm band width has a recommended maximum tightening torque of 3.0Nm
- 12mm band width has a recommended maximum tightening torque of 5.0Nm
- Solid band offers better hose protection than perforated alternative
- Spotwelded house
- C7 Hexagonal screw



Part Number		Clamping Range (mm)	Auto Code	Standard Pack Quantity
9mm Band Width	12mm Band Width			
600460	-	8 - 12	000	50
600461	-	10 - 16	M00	50
600462	-	12 - 22	0/0	50
600463	600473	16 - 25	0X	50
-	600474	20 - 32	1A	50
-	600475	25 - 40	1	50
-	600476	32 - 50	1X	50
-	600477	40 - 60	-	50
-	600478	50 - 70	2A	50



## T-Bolt Clamps

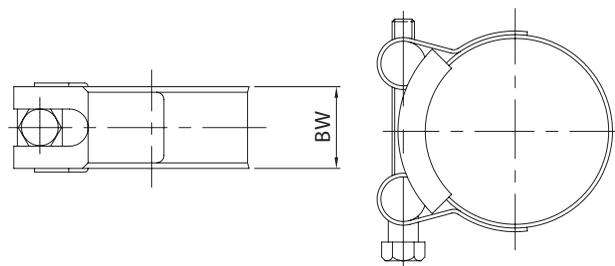
SR 6101

Stainless Steel (AISI 430/W2)

- Clamp conforms to DIN 3017
- Secures pipes and hoses at high pressure
- Strong construction with full bushings



Part Number	Band Width (mm)	Clamping Range (mm)	Bolt Size	Standard Pack Quantity
600480	18.0	17 - 19	M5 x 40	100
600481	18.0	20 - 22	M5 x 40	100
600482	18.0	23 - 25	M5 x 40	100
600483	18.0	26 - 28	M5 x 40	100
600484	20.0	29 - 31	M6 x 50	100
600485	20.0	32 - 35	M6 x 50	50
600486	20.0	36 - 39	M6 x 50	50
600487	20.0	40 - 43	M6 x 50	50
600488	22.0	44 - 47	M6 x 60	50
600489	22.0	48 - 51	M6 x 60	50
600490	22.0	52 - 55	M6 x 60	50
600491	22.0	56 - 59	M6 x 60	50
600492	22.0	60 - 63	M8 x 60	50
600493	22.0	64 - 67	M8 x 70	50
600494	24.0	68 - 73	M8 x 70	50
600495	24.0	74 - 79	M8 x 70	50
600496	24.0	80 - 85	M8 x 75	25
600497	24.0	86 - 91	M8 x 75	25
600498	24.0	92 - 97	M8 x 75	25
600499	24.0	98 - 103	M8 x 80	25
600500	24.0	104 - 112	M8 x 80	25



# HYDRAULICS SELECTION GUIDE

The right hydraulic protection depends on your application.

Use this guide to help you pinpoint the range that's perfect for your needs.

## WHAT'S YOUR PRIORITY?

### HOSES

SOLUTION	Flame resistance	Impact resistance	Burst resistance	Easy access to protected hoses
SPIRAL GUARD FRAS	✓	✓		
FIRE PROTECTIVE SLEEVES	✓		✓	
MSHA HOSE PROTECTION SLEEVES	✓		✓	
HOSE WEAR PROTECTORS		✓		✓
SPIRALGUARD		✓		
HOSE PROTECTION SLEEVES			✓	

### FITTINGS

SOLUTION	Prevents ingress of dirt and moisture
BANJO UNION CAPS/PLUGS	✓
GREASE NIPPLE CAPS	✓

### THREADS

SOLUTION	Internal thread protection	External thread protection	Prevents leakage
THREADED O-RING PLUG	✓		✓
THREADED PLUG	✓		
THREADED SEALING CAP		✓	✓
THREADED PROTECTION CAP		✓	

### MACHINED PARTS

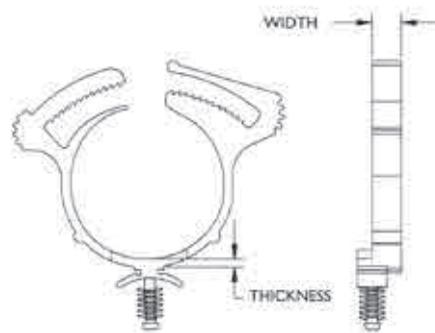
SOLUTION	Internal Profile	External Profile	Thread Protection	Hand Installation	Tool Installation	Protects common external coupling	Protects less common profiles
SNAP FIT PLUG	✓		✓	✓			
SLOTTEX PLUG	✓		✓		✓		
COMPRESSION FIT PLUG	✓						
HEXAGONAL CAP		✓				✓	
MULTI-FLEX CAP		✓					✓

## Fin Clip Base Interlocking Hose Clamps

SR V-0002

Polyamide 6.6 Natural

- Overlapping and interlocking jaw
- Fin clip base allow fastening to hole size 4.75 mm



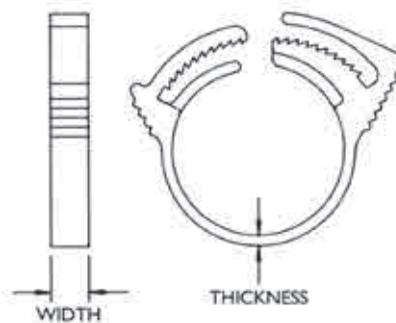
Part Number	Dimensions (mm)				Standard Pack Quantity
	Width	Thickness	Bundle Size	Panel Thickness	
22HCF037188	5.84	1.78	9.14-10.03	0.79-6.35	500
22HCF106188	6.35	1.78	25.15-28.83	0.79-6.35	500

## Interlocking Hose Clamps

SR V-0000

Polyamide 6.6 Natural

- Patented interlocking design eliminates leak path
- Clamp may be removed
- Easy installation



Part Number	Dimensions (mm)			Standard Pack Quantity
	Width	Thickness	Bundle Sizes	
22HC0250	5.56	1.19	5.90-6.60	500
22HC0312	5.56	1.59	7.62-8.89	500
22HC0344	5.56	1.59	9.14-9.91	500
22HC0406	6.35	1.59	10.41-11.89	500
22HC0468	5.56	1.59	12.07-13.61	500
22HC0531	6.35	1.59	13.67-15.44	500
22HC0593	6.35	1.59	15.16-17.27	500
22HC0672	5.56	1.59	17.02-19.71	500
22HC0750	5.56	1.59	18.54-20.95	500
22HC0813	5.49	1.59	19.05-22.23	500
22HC0875	5.56	1.59	21.33-23.87	500
22HC0953	6.35	1.59	22.47-26.03	500
22HC1031	7.94	1.59	26.19-30.15	500
22HC1250	7.94	1.59	31.75-36.20	500
22HC1406	8.73	1.59	35.71-40.89	500
22HC1593	8.73	1.59	40.46-46.02	500
22HC1687	8.73	1.59	45.47-53.59	500
22HC1875	10.32	1.59	47.50-53.96	500
22HC2125	10.32	1.59	53.85-60.71	500

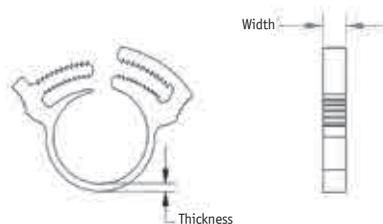
## Double Grip Interlocking Hose Clamps

SR V-0001

Polyamide 6.6 Black



- Feature a double tooth interlocking jaw for exceptional strength
- Removable and reusable
- Quick and easy installation



Part Number	Dimensions (mm)			Standard Pack Quantity
	Width	Thickness	Bundle Sizes	
22DGHC00A	4.34	1.57	5.59-6.5	500
22DGHC00B	4.75	1.57	7.9-9.19	500
22DGHC00AA	4.5	1.65	1.65-7.62	500
22DGHC00BB	4.5	1.65	9.19-10.31	500
22DGHC00C	5.79	1.57	10.21-11.81	500
22DGHC00CC	6.35	1.57	11.1-12.9	500
22DGHC00D	6.1	1.57	11.99-13.79	500
22DGHC00E	7.19	1.98	13.11-15.09	500
22DGHC00F	7.24	1.98	15.01-17.09	500
22DGHC00G	7.14	1.98	16.89-19.11	500
22DGHC00H	7.11	1.98	18.11-20.6	500
22DGHC00J	6.4	1.98	20.29-23.01	500
22DGHC00K	7.01	1.98	22.2-22.86	500
22DGHC00L	7.11	1.98	24.51-27.61	500
22DGHC00M	8.05	2.36	26.49-29.49	500
22DGHC00N	8.99	1.98	28.8-32.21	500
22DGHC00P	9.09	1.98	32.0-34.8	500
22DGHC00Q	8.89	1.98	34.29-37.9	500

Part Number	Dimensions (mm)			Standard Pack Quantity
	Width	Thickness	Bundle Sizes	
22DGHC00R	9.19	1.98	38.0-41.0	500
22DGHC00S	8.99	1.98	40.11-44.2	500
22DGHC00T	8.89	1.98	43.21-46.2	500
22DGHC00U	8.99	1.98	46.0-50.5	500
22DGHC00V	8.99	1.98	48.49-53.8	500
22DGHC00W	8.99	2.36	53.01-56.49	500
22DGHC00X	9.4	2.36	54.99-60.5	500
22DGHC059	9.12	2.77	59.0-64.69	500
22DGHC064	9.16	2.59	62.99-67.41	500
22DGHC065	9.5	2.77	65.0-69.01	250
22DGHC066	9.19	1.98	65.81-71.7	500
22DGHC070	9.12	2.36	70.0-75.41	250
22DGHC075	9.37	2.59	74.7-80.49	500
22DGHC078	8.81	2.59	77.69-81.2	500
22DGHC080	8.99	3.09	79.8-84.98	500
22DGHC085	8.89	2.51	85.09-90.6	500
22DGHC096	8.53	2.51	97.66-102.1	500
22DGHC105	8.68	2.48	105.3-111.81	500

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### SLEEVES

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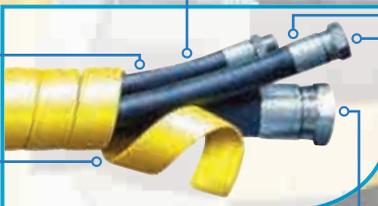
Page 73



### CINCH STRAPS

For Hook and  
Loop bundle

Page 74



### HOSE CLAMPS

To secure your  
protection

Page 80



### SPIRAL WRAP

For anti-crush and  
abrasion protection

Page 68



### CAPS

For pipe fittings  
protection

Page 64



### HEXAGONAL CAPS

For Hydraulic  
Couplings

Page 87

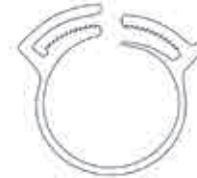


## Plastic Hose Clamps

SR 1934

Polyamide 6.6

Part Number			Dimensions (mm)		Standard Pack Quantity
Grey	White	Black	Hose Diameter	W	
135010100202	135010111302	135010159902	6.6-8.0	5.0	100
135010200202	135010211302	135010259902	8.0-9.2	5.0	100
135010300202	135010311302	135010359902	9.2-10.5	5.0	100
135010400202	135010411302	135010459902	10.2-12.0	6.0	100
135010500202	135010511302	135010559902	12.0-13.5	6.0	100
135010600202	135010611302	135010659902	12.8-15.0	7.0	100
135010700202	135010711302	135010759902	15.0-17.2	7.0	100
-	135010811302	135010859902	17.0-18.5	7.0	100
135010900202	135010911302	135010959902	18.2-20.5	7.0	100
135011000202	135011011302	135011059902	20.5-23.0	7.0	100
135011100202	135011111302	135011159902	22.0-25.0	7.0	100
135011200202	135011211302	135011259902	25.0-28.0	7.0	100
135011300202	-	135011359902	27.0-30.0	7.5	100
135011400202	-	135011459902	29.5-32.5	7.5	100
135011500202	135011511302	135011559902	32.5-35.5	8.0	100
135011600202	-	135011659902	35.0-38.5	8.0	50
135011700202	-	135011759902	38.0-41.5	8.0	50
135011800202	135011811302	135011859902	41.0-44.5	8.0	50
135011900202	-	135011959902	44.0-47.5	8.0	50
-	135012011302	135012059902	47.0-50.5	8.0	50
135012100202	-	135012159902	50.0-53.5	8.0	50
135012200202	-	135012259902	53.0-57.0	8.0	50
135012300202	135012311302	135012359902	56.5-60.5	8.0	50
135012400202	135012411302	135012459902	60.0-65.0	8.0	50
-	135012511302	135012559902	66.0-70.0	8.0	50
135012600202	-	135012659902	70.0-75.0	8.0	50
135012700202	135012711302	135012759902	76.0-80.0	8.0	50
135012800202	135012811302	135012859902	80.0-85.0	8.0	50



## Steel Clamp with Rubber Cushion

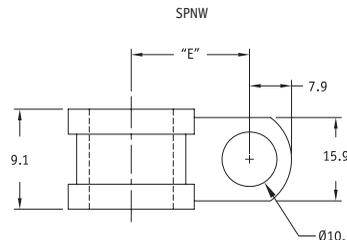
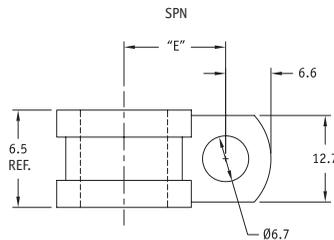
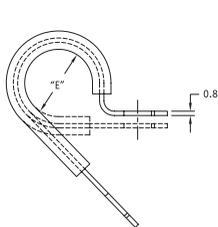
SR 1109

SPN/SPNW

Cold Rolled Steel, Zinc Electroplated

Cushion TPE Black

Temperature Range: -40°C to +150°C



Part Number	Dimensions (mm)		Standard Pack Quantity
	"E" Ref.	"D" Holding Ø	
SPN-3	12.7	4.8	500
SPN-4	13.5	6.4	500
SPN-5	14.2	7.9	500
SPN-6	15	9.5	500
SPN-7	15.7	11.1	500
SPN-8	16.5	12.7	500
SPN-9	19.1	14.3	500
SPN-10	19.8	15.9	500
SPN-11	20.6	17.5	500
SPN-12	21.3	19.1	500
SPN-14	22.9	22.2	100
SPN-16	24.4	25.4	100
SPN-18	26.7	28.6	100
SPN-20	28.2	31.8	100

Part Number	Dimensions (mm)		Standard Pack Quantity
	"E" Ref.	"D" Holding Ø	
-	-	-	-
SPNW-4	16	6.4	100
SPNW-5	16.8	7.9	100
SPNW-6	17.5	9.5	100
SPNW-7	18.3	11.1	100
SPNW-8	19.1	12.7	100
-	-	-	-
SPNW-10	22.4	15.9	100
SPNW-11	23.1	17.5	100
-	-	-	-
SPNW-14	25.4	22.2	100
SPNW-16	26.9	25.4	100
-	-	-	-
SPNW-20	30.7	31.8	100

# SPECIALIST HYDRAULIC CAPS AND PLUGS

## SAE Flange Protector

SR F-0004

LDPE Red

- Protective cap for SAE flange nipple
- For use in 3000 and 6000 SAE PSI applications
- Temperature : Min. -30°C, Max. +50°C



Part Number	PSI	Nominal Diameter	Dimensions (mm)		Standard Pack Quantity
			C	E	
3451000	3000	½"	30.25	9.38	500
3452000	3000	¾"	37.95	9.38	500
3453000	3000	1"	44.45	10.74	250
3454000	3000	1¼"	50.65	10.74	250
3455000	3000	1½"	60.30	10.74	200
3456000	3000	2"	71.50	12.24	100
3457000	6000	½"	31.80	10.44	500
3458000	6000	¾"	41.30	11.54	250
3459000	6000	1"	47.60	12.14	250
3460000	6000	1¼"	54.00	12.94	250
3461000	6000	1½"	63.50	14.00	200
3462000	6000	2"	79.40	14.00	100
3462500	6000	3½"	89.70	12.90	100

## SAE Butt Weld Covers

SR 1029

Natural LDPE

- Designed to protect split-flange coupling surfaces
- The translucent material allows the O-ring to remain visible while providing secure protection by an internal locking bead



SAE 3000psi

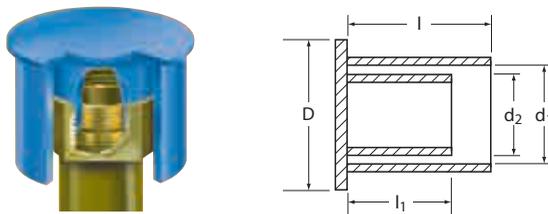
Part Number	Nominal Diameter (ins)	Dimensions (mm)		Standard Pack Quantity
		d	h	
110541	½"	30.2	9.9	2500
110542	⅝"	33.7	10.5	4000
110543	¾"	38.3	11.0	3000
110544	1"	44.7	11.8	2000
110545	1¼"	51.0	11.8	1700
110546	1½"	60.5	11.8	1200
110547	2"	71.3	14.8	750
110548	2½"	84.0	12.7	550

## O-Ring Face Seal Caps

SR 1078

Blue LDPE

- Purpose-made for protection of ORF female fittings



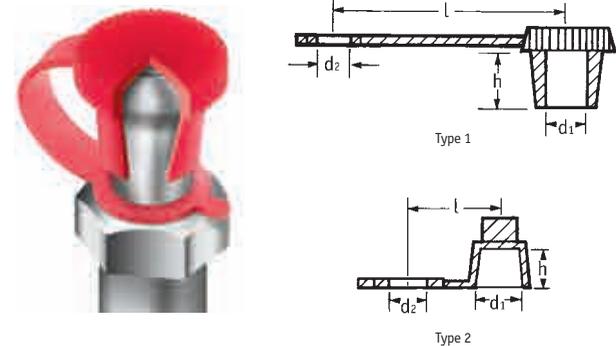
Part Number	UNF/JIC Thread Size	Dimensions (mm)					Standard Pack Quantity
		D	d1	d2	l	l1	
110187	⅝"-18	22.2	19.5	12.7	14.7	8.3	3500
110188	⅞"-16	25.0	22.9	15.1	17.1	9.4	2500
110189	1"-16	29.4	26.8	19.1	21.0	10.9	3000
110190	1"-14	34.9	31.9	23.0	23.4	13.5	2000
110191	1⅜"-12	41.3	38.9	27.8	26.2	14.5	1200
110192	1⅞"-12	46.8	45.8	34.1	27.8	14.7	900
110193	2"-12	54.0	53.2	40.5	27.8	14.7	700

## Grease Nipple Caps

SR 1019

Red LDPE

- Effective, low-cost protection for grease nipples
- Designed to remain attached to the base



Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		d1	d2	l	h	
087063000503	1	6.0	6.4	29.5	9.3	50
61454	2	6.3	6.2	11.6	5.2	10000

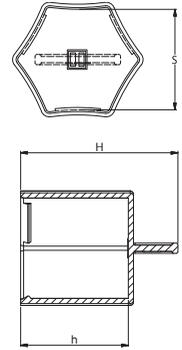
## Hexagonal Caps

SR 1127

Natural LDPE

Part Number	Dimensions (mm)			To Suit Size	Standard Pack Quantity
	h	H	S		
490632	16.0	28.0	10.7	M10	500
490633	18.0	30.0	13.7	M12, 1/8" BSP, 7/16" UNF	500
490634	20.0	32.0	15.7		500
490635	20.0	32.0	16.7	M14, 1/2" UNF	500
490636	25.0	39.0	18.7	M16, 1/4" BSP, 9/16" UNF	500
490637	25.0	39.0	21.6	M18, 3/8" BSP, 5/8" UNF	500
490638	28.0	42.0	23.6		500
490639	28.0	42.0	24.6		250
490640	28.0	42.0	26.6	M22, 1/2" BSP, 7/8" UNF	250
490641	30.0	44.0	28.6		250
490642	30.0	44.0	29.6	M36, 1" BSP, 1 1/16" UNF	250
490643	30.0	44.0	31.6	M26, 3/4" BSP, 1 1/16" UNF	250
490644	30.0	44.0	35.5	M30	250
490645	31.0	45.0	37.5		100
490646	31.0	45.0	40.5	M36, 1" BSP, 1 1/16" UNF	100

- Hexagonal caps are available in all common hydraulic coupling sizes
- Rigid design allows easy application and removal
- Also suitable for protecting round components



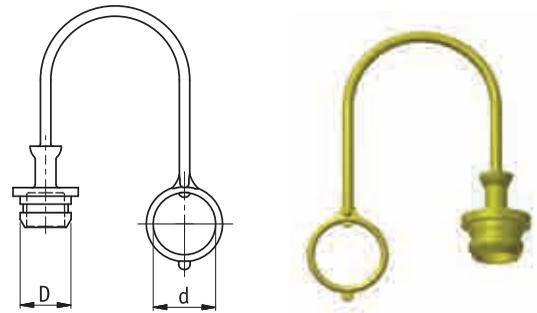
## Quick Release Dust Plug

SR 1182

TPE

Part Number				Size	Serie	Dimensions (mm)		Standard Pack Quantity
Red	Yellow	Green	Blue			D	d	
499766	499776	499786	499796	1/4"	ISO A	12.7	19.6	150
499767	499777	499787	499797	3/8"	ISO A	18.3	25.0	150
499768	499778	499788	499798	1/2"	ISO A	23.6	31.0	150
499769	499779	499789	499799	3/4"	ISO A	29.2	36.0	150
499770	499780	499790	499800	1"	ISO A	36.5	48.0	150
499771	499781	499791	499801	1/2"	ISO B	15.5	22.2	150
499772	499782	499792	499802	3/8"	ISO B	20.0	28.0	150
499773	499783	499793	499803	1/2"	ISO B	25.7	35.0	150
499774	499784	499794	499804	3/4"	ISO B	32.7	42.0	150
499775	499785	499795	499805	1"	ISO B	40.5	51.0	150

- Male fitting suitable to plug ISO A and ISO B series
- Designed to remain attached to the hose
- Excellent Protection from dirt, moisture and corrosion
- Temperature -40°C to 135°C



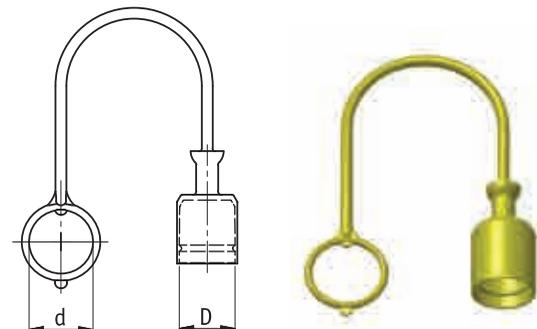
## Quick Release Dust Caps

SR 1181

TPE

Part Number				Size	Serie	Dimensions (mm)		Standard Pack Quantity
Red	Yellow	Green	Blue			D	d	
498796	499736	499746	499756	1/4"	ISO A	12.7	20.0	150
498797	499737	499747	499757	3/8"	ISO A	18.3	25.0	150
498798	499738	499748	499758	1/2"	ISO A	24.3	28.0	150
498799	499739	499749	499759	3/4"	ISO A	30.7	35.0	150
498800	499740	499750	499760	1"	ISO A	36.5	42.0	150
498801	499741	499751	499761	1/2"	ISO B	15.5	20.0	150
498802	499742	499752	499762	3/8"	ISO B	20.0	23.0	150
498803	499743	499753	499763	1/2"	ISO B	25.7	28.0	150
498804	499744	499754	499764	3/4"	ISO B	32.7	34.0	150
498805	499745	499755	499765	1"	ISO B	40.5	43.0	150

- Female fitting suitable to cap ISO A and ISO B series
- Designed to remain attached to the hose
- Excellent Protection from dirt, moisture and corrosion
- Temperature -40°C to 135°C

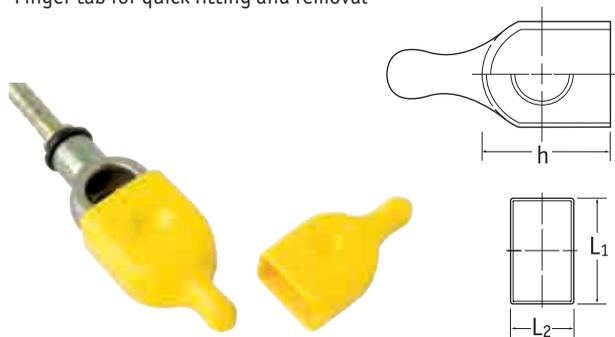


## Banjo Union Caps

SR 1071

Yellow Flexible PVC

- Snug fitting protects against dirt ingress
- Flexible, for easy fitting
- Fits hydraulic banjo unions to DIN 7642 B/E
- Finger tab for quick fitting and removal



Part Number	Pipe Outside Diameter (mm)	Dimensions (mm)			Standard Pack Quantity
		L1	L2	h	
BCWJ-08	4.0/5.0	14.0	8.0	15.0	5000
BCWJ-10	6.0	17.0	10.0	20.0	2500
BCWJ-12	8.0	20.0	12.0	25.0	2500
BCWJ-14	10.0	24.0	14.0	30.0	1250

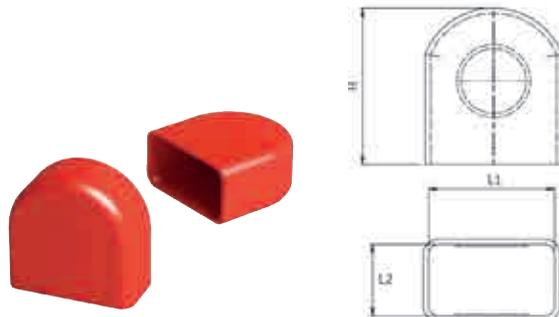
## Protection Caps for Banjo Connections

SR F-0005

HDPE Red



- External assembly cover during transportation and storage of banjo connectors
- Temperature: Min. -30°C, Max. +80°C



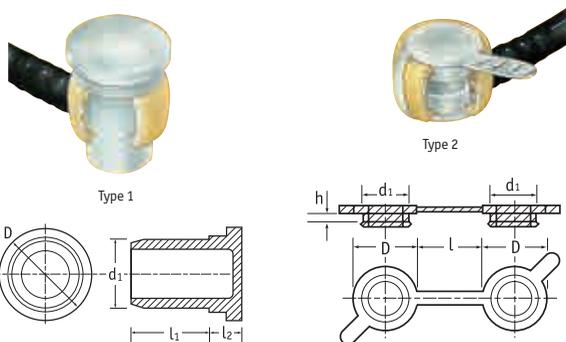
Part Number	Dimensions (mm)			Standard Pack Quantity
	H	L1	L2	
3770800	19.0	17.0	9.8	1000
3770900	22.0	20.0	11.9	1000
3771000	26.0	24.0	13.8	500
3772000	30.0	28.0	15.9	500
3773000	35.0	32.0	19.9	250
3775000	45.5	39.0	24.9	150
3776500	45.0	43.0	27.9	100

## Banjo Union Plugs

SR 1016

Natural LDPE

- Prevent ingress of dirt and moisture
- Fit banjo unions DIN 7642 B/E



Type 1

Part Number	Pipe Outside Diameter (mm)	Dimensions (mm)				Standard Pack Quantity
		d1	L1	L2	D	
12863	8.0	12.3	18.0	6.5	18.9	5000
12864	10.0	14.3	20.0	6.5	19.8	5000

Type 2

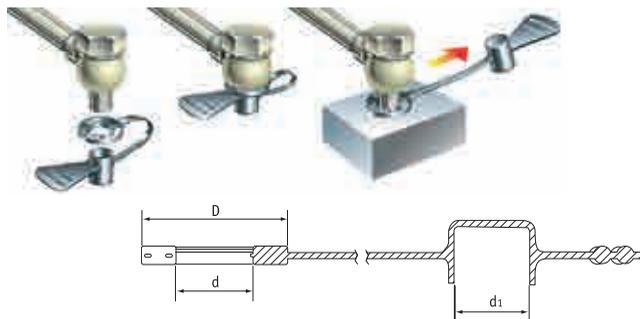
Part Number	Pipe Outside Diameter (mm)	Dimensions (mm)				Standard Pack Quantity
		d1	D	h	l	
10196	8.0	12.0	19.0	4.5	20.0	5000

## Banjo Bolt Caps

SR 1083

Black LDPE

- Protection cap and retaining washer in one unit
- Secure components during assembly, storage and shipment
- Protect against damage and dirt ingress
- Easy to grip, even when wearing gloves



Part Number	For Banjo Bolt Diameter (mm)	Dimensions (mm)				Standard Pack Quantity
		d	D	d1	Length	
110486*	M8	8.3	16.5	7.8	50.0	5000
110487	M10	10.3	22.0	9.6	50.0	5000
110488	M12	12.3	24.0	11.6	50.0	5000
110489	M14	14.3	26.0	13.6	50.0	4000
110835	M16	16.3	28.0	15.5	50.0	4000

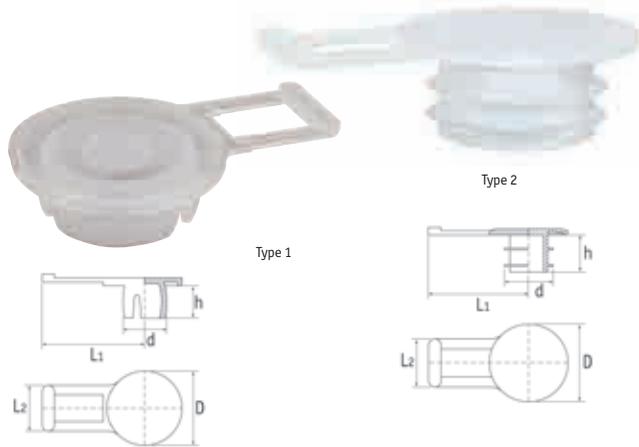
\*Supplied with bridged retaining loop.

## Side Release Plugs

SR 1120

Natural LDPE

- Continuous sealing lip and strong flexible side-tab on both designs
- Type 1 – rounded plug design ensures a low-abrasion fit
- Type 2 – fins provide firm fit



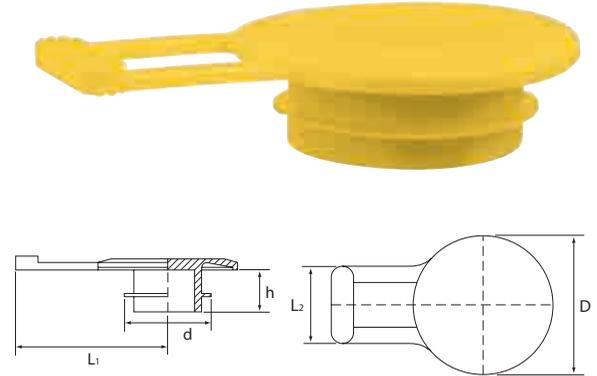
Part Number	Thread Size	Dimensions (mm)					Type	Standard Pack Quantity
		D	d	h	L1	L2		
465622	M10 x 1	16.5	9.5	8.5	26.5	12.0	1	1000
465623	M10 x 1	16.0	9.5	8.0	23.5	12.0	2	1000
465624	M12 x 1.5	19.5	11.2	8.5	26.5	12.0	1	1000
465625	M12 x 1.5	19.0	11.1	8.0	25.0	12.0	2	1000
465626	M14 x 1.5	21.5	13.4	7.0	27.0	12.0	1	500
465627	M14 x 1.5	21.0	13.1	10.0	26.0	12.0	2	500
465628	M16 x 1.5	23.5	15.2	8.0	27.0	12.0	1	500
465629	M16 x 1.5	24.0	15.1	11.0	28.5	14.0	2	500
465630	M22 x 1.5	29.5	21.7	8.0	31.0	14.0	1	500
465631	M22 x 1.5	29.0	21.5	11.5	31.0	14.0	2	500

## Compression Fit Plugs

SR 1121

Yellow LDPE

- Designed to protect DKO-compression fittings
- Fin gives a firm fit into the DKO-swivel nut



Part Number	Thread Size	To fit 'DKO' fittings (nipple 24° with O-Ring)	Dimensions (mm)					Standard Pack Quantity
			D	d	h	L1	L2	
552082	M12 x 1.5	6L	16.0	11.8	7.0	18.0	12.0	1500
552083	M14 x 1.5	6S, 8L	19.0	13.8	7.0	19.5	12.0	1500
552084	M16 x 1.5	8S, 10L	21.5	15.8	7.0	23.0	14.0	1500
552085	M18 x 1.5	10S, 12L	25.0	17.8	7.0	25.0	14.0	1500
552086	M20 x 1.5	12S	27.0	19.8	7.5	26.0	14.0	1500
552087	M22 x 1.5	14S, 15L	29.0	21.8	7.5	31.0	14.0	1500
552088	M24 x 1.5	16S	30.0	23.8	7.5	31.0	14.0	1000
552089	M26 x 1.5	18L	32.0	25.8	8.0	31.0	14.0	1000
552090	M30 x 2	20S, 22L	34.5	29.2	10.0	31.3	14.8	1000
552091	M36 x 2	25S, 28L	39.7	35.5	10.0	34.2	14.0	1000
552092	M42 x 2	30S	49.1	41.2	10.0	39.5	14.8	750
552093	M45 x 2	35L	49.2	44.2	10.0	39.6	14.8	750
552094	M52 x 2	38S, 42L	59.0	51.5	10.0	44.5	14.8	750

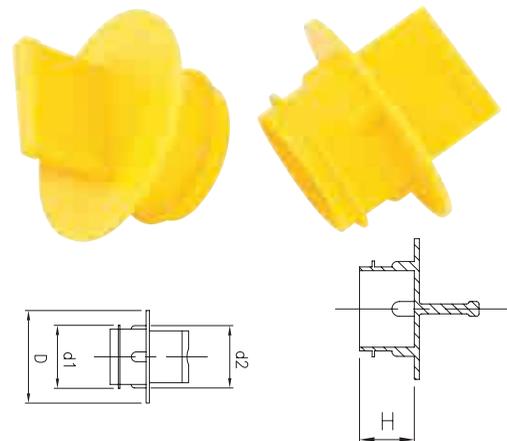
## Pull-Tab Hose Plug

SR 6111

Yellow EVA (Ethylene Vinyl Acetate)

- Material provides good tensile strength, toughness and increased flexibility
- Large pull-tab allows easy removal
- Ideal for plugging hydraulic hoses
- Ribs provide comfortable fit, without stretching hose

Part Number	Dimensions (mm)				Standard Pack Quantity
	d1	d2	D	H	
464901	5.3	5.1	11.0	11.0	500
464902	10.4	10.2	18.0	11.0	500
464903	15.4	15.2	21.5	11.0	500
464904	19.4	19.2	28.5	11.0	500



## MILES OF PIPE AND FLANGE PROTECTION

- Protect against corrosion and damage of pipes and pipe flanges during manufacture, transit and storage
- Reduce downtime and waste costs by safeguarding against contamination from foreign materials
- Avoid thread damage using appropriate caps or plugs to limit costly delays in your application



92



92



93



94



96



97



98



99



99



100



101



102

MORE THAN

**800**

PIPE AND FLANGE  
PROTECTION  
PRODUCTS  
AVAILABLE

# PIPE AND FLANGE PROTECTION



PIPE CAPS

092



PIPE PLUGS

097



FLANGE PROTECTION

098

# PIPE CAPS

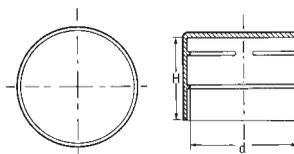
## Standard Size Pipe Caps

SR 1358

Yellow LDPE



- Low cost and high quality
- Internal ribs ensure tight fit and release pressure build-up



Part Number	Part Number	Nominal Pipe Size	Dimensions (mm)	
			d	H
No Vent Hole	Vent Hole			
10286	43558	DN 15 1/2"	21.3	20.0
10287	43559	DN 20 3/4"	26.9	25.0
10288	43560	DN 25 1"	33.7	30.0
10294	10268	DN 32 1 1/4"	42.4	28.0
10295	10269	DN 40 1 1/2"	48.3	30.0
10296	10267	DN 50 2"	60.3	30.0
10298	10266	DN 65 2 1/2"	76.1	35.0
199480	199481	DN 80 3"	88.9	36.0
199482	199483	DN 90 3 3/4"	101.6	40.0
199484	199485	DN 100 4"	114.3	40.0
199486	-	DN 115 4 1/2"	127.0	40.0
199488	199489	DN 125 5"	139.7	40.0
199490	-	DN 140 5 1/2"	152.4	40.0
199492	199493	DN 150 6"	168.3	40.0
199494	199495	DN 200 8"	219.1	40.0
199496	199497	DN 250 10"	273.0	45.0
199498	199499	DN 300 12"	323.9	50.0
43970	-	DN 350 14"	355.6	57.0
43971	43455	DN 400 16"	406.4	60.5

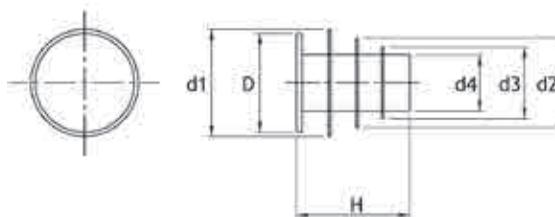
Part Number	Part Number	Nominal Pipe Size	Dimensions (mm)	
			d	H
No Vent Hole	Vent Hole			
43972	-	DN 450 18"	457.2	63.0
43973	43457	DN 500 20"	508.0	65.0
31710	-	DN 550 22"	558.8	60.0
43974	43458	DN 600 24"	609.6	67.0
31713**	-	DN 650 26"	660.4	100.0
34240**	-	DN 850 34"	863.6	170.0
34244**	-	DN 950 38"	965.2	180.0
31727**	-	DN 1000 40"	1016.0	180.0
31731**	42013**	DN 1050 42"	1066.8	185.0
34248**	-	DN 1100 44"	1117.8	185.0
31725	-	-	-	200.0
34252**	-	DN 1400 56"	1422.4	215.0
34254**	-	DN 1500 60"	1524.0	220.0
34256**	-	DN 1600 64"	1625.6	230.0

\*\*Flexible PE  
Maximum vent hole size is 4mm on 1/4" to 12" pipe caps and as specified for larger sizes.  
Nominal diameters above DN 300 - 12" are the exact conversion of the d dimension.

## Ribbed Pipe-End Plug

SR 1171

Red LDPE



Part Number	Pipe Outside Diameter (mm)	Max. Wall Thickness (mm)	Number of Fin	Dimensions (mm)						Standard Pack Quantity
				d1	d2	d3	d4	D	H	
492200	10.0	-	2	11.7	5.7	-	-	9.9	11.5	2000
492201	12.0	4.5	2	11.8	6.0	-	-	11.7	20.0	2000
492202	15.0	5.0	2	17.7	9.8	-	-	14.7	20.0	2000
492203	16.0	5.0	2	17.6	9.8	-	-	15.7	20.0	2000
492204	18.0	6.0	2	17.6	9.8	-	-	17.7	20.0	2000
492205	20.0	4.0	3	22.0	19.3	14.4	12.0	19.7	31.4	2000
492206	21.3	4.5	3	22.0	19.5	14.7	11.8	20.8	31.4	2000
492207	22.0	4.5	3	22.0	19.6	14.5	11.9	21.7	31.4	2000
492208	24.8-25.0	4.5	2	-	30.1	25.0	15.8	24.7	31.4	2000
492209	26.0-26.9	5.5	2	-	30.1	25.0	16.0	26.0	31.4	2000
492210	28.0-28.5	5.5	2	-	30.1	25.0	15.4	27.7	31.4	2000
492211	30.0	8.0	2	-	30.1	25.0	15.5	29.7	30.8	2000
492212	33.7	8.0	2	-	38.0	31.7	17.9	32.5	30.8	2000
492213	35.0	8.0	2	-	38.0	31.7	18.1	34.7	30.8	1000

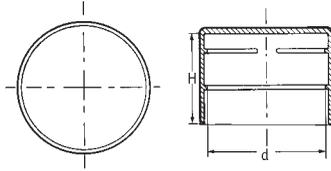
Part Number	Pipe Outside Diameter (mm)	Max Wall Thickness (mm)	Number of Fin	Dimensions (mm)						Standard Pack Quantity
				d1	d2	d3	d4	D	H	
492214	38.0	8.0	2	-	38.0	31.7	17.9	37.7	30.8	1000
492215	40.0	8.0	2	-	46.7	36.9	25.0	39.7	30.8	1000
492216	41.3-42.4	8.0	2	-	46.7	36.9	25.9	41.0	30.8	1000
492217	47.5-48.3	9.0	2	-	54.5	45.5	28.9	47.5	25.0	500
492218	50.0	10.0	2	-	54.7	45.5	29.3	49.7	25.0	500
492219	54.0	10.0	2	-	54.7	45.1	29.0	53.7	25.0	500
492220	60.3	14.0	2	-	61.0	55.4	35.9	59.7	20.0	500
492221	63.5	12.0	2	-	61.0	55.4	36.0	63.0	30.0	500
492222	73.0	16.0	2	-	74.0	65.3	48.2	72.7	30.0	200
492223	75.0-76.2	16.0	2	-	74.0	65.3	48.7	75.0	31.5	200
492224	85.0	17.0	2	-	88.4	79.0	60.3	84.0	31.5	200
492225	88.9	17.0	2	-	88.4	79.0	60.3	88.0	31.5	200
492226	114.3	20.0	2	-	113.0	108.5	70.0	113.6	35.0	100

## Ribbed Pipe Caps

SR 1387

LDPE

- Injection-moulded caps with internal ribs
- Meet ANSI and DIN specifications



Part Number	Nominal Diameter	Dimensions (mm)		Colour
		d	H	
12773	-	10.2	16.0	Red
12774	-	12.0	16.0	Red
462573	-	12.7	15.0	Black
12775	-	15.0	20.0	Red
12776	-	16.0	20.0	Red
12849	-	18.0	20.0	Red
1258264	-	20.0	20.0	Grey
12777	-	20.0	20.0	Red
12850	-	22.0	20.0	Red
12779	-	25.0	20.0	Red
1258265	-	26.0	20.0	Grey
12780	-	28.0	26.5	Red
12846	-	30.0	26.5	Red
12956	-	32.0	26.8	Yellow
462574	-	35.0	26.5	Black
12781	-	35.0	28.0	Red
12782	-	38.0	27.0	Red
12616	-	39.3	25.0	Yellow
12957	-	40.0	26.7	Yellow
12783	-	41.5	27.0	Red
462576	-	50.8	29.0	Black
462577	-	54.0	36.0	Black
12982	-	54.0	27.8	Red

Part Number	Nominal Diameter	Dimensions (mm)		Colour
		d	H	
12617	-	63.5	29.0	Yellow
462578	-	63.5	33.0	Yellow
1258266	-	70.0	30.0	Grey
462579	-	75.0	38.0	Black
12618	-	75.0	31.0	Yellow
462580	-	77.0	32.0	Black
462581	-	78.0	32.0	Black
462582	-	79.4	28.0	Black
462583	-	80.5	28.0	Black
12959	-	92.0	34.5	Yellow
462584	-	92.4	32.0	Yellow
10076	-	94.0	40.0	Red
12633	-	95.5	33.0	Yellow
462585	-	96.5	39.0	Red
462586	-	100.3	40.0	Red
12960	-	110.0	34.6	Yellow
12619	-	125.0	35.0	Yellow
12961	-	125.0	34.1	Yellow
12620	-	137.0	35.0	Yellow
1258263	5"	141.3	40.0	Grey

## Pipe Chocks

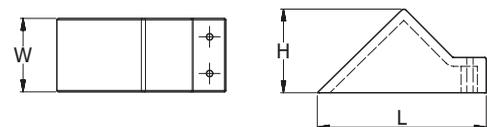
SR 1178

LDPE Orange

- Pipe chocks are used to help secure pipes during transit and storage
- Nails are included with the pipe chocks



Part Number	Dimensions (mm)			Standard Pack Quantity	
	W	L	H	Chock	Nail
498748	69.9	114.3	50.8	50	100
498749	88.9	203.2	76.2	20	60



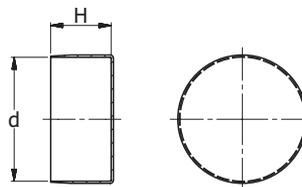
## Flexible Pipe Caps

SR 1388

Flexible PE



- Rotational moulded caps in more flexible PE material
- Softer material allows easier fitting on pipe
- Range covers wide range of larger sizes



Part Number	Dimensions (mm)		Nominal Diameter
	d	H	
44100	37.7	45.0	-
34129	50.8	90.0	-
31143	55.7	43.0	-
44029	59.4	52.0	-
41056	60.0	70.0	-
48092	60.3	100.0	DN 50 - 2"
34137	60.3	60.0	DN 50 - 2"
41122	61.0	75.0	-
34140	69.0	36.0	-
48100	70.0	45.0	-
48211	75.0	92.0	-
34148	82.5	40.0	-
34151	86.0	43.0	-
48212	86.0	60.0	-
39866	87.0	42.0	-
601500	88.9	60.0	DN 80 - 3"
34154	92.0	43.0	-
34157	97.0	60.0	-
34156	97.0	43.0	-
34158	100.0	46.0	-
34159	100.0	65.0	-
32709	101.6	100.0	DN 90 - 3½"
34161	103.0	43.0	-
461199	104.0	100.0	-
34163	105.0	43.0	-
34164	107.7	45.0	-
44031	112.7	52.0	-
32710	114.3	100.0	DN 100 - 4"
34169	114.3	50.0	DN 100 - 4"
41113	116.0	60.0	-
41102	117.9	50.0	-
34170	120.9	45.0	-
34171	122.0	45.0	-
32711	127.0	100.0	DN 115 - 4½"
34173	127.0	45.0	DN 115 - 4½"
31641	128.5	90.0	-
34174	136.0	47.0	-
34175	139.7	65.0	DN 125 - 5"
32712	141.3	100.0	-
461038	145.0	20.0	-
34835	148.0	50.0	-
461051	148.5	100.0	-
37010	149.2	8.0	-
32713	152.4	100.0	DN 140 - 5½"
803083	152.4	40.0	DN 140 - 5½"
32714	155.8	100.0	-
32790	159.0	100.0	-
48231	159.5	20.0	-
41180	160.0	47.0	-
34178	160.0	47.0	-
601313	165.1	100.0	-
39565	165.1	40.0	-
34803	168.3	100.0	DN 150 - 6"

Part Number	Dimensions (mm)		Nominal Diameter
	d	H	
34179	168.3	50.0	DN 150 - 6"
34180	171.0	50.0	-
35282	171.0	100.0	-
34839	176.8	74.0	-
34181	177.8	65.0	-
34182	180.0	50.0	-
41057	180.0	100.0	-
34804	185.0	100.0	-
34805	193.7	100.0	-
41139	193.7	40.0	-
34806	200.0	100.0	-
31704	200.0	50.0	-
34184	203.0	120.0	-
34807	210.0	100.0	-
31781	210.0	50.0	-
34841	212.0	78.0	-
31785	216.0	50.0	-
41017	217.1	65.0	-
34808	219.1	100.0	DN 200 - 8"
34809	219.1	120.0	DN 200 - 8"
31733	219.1	55.0	DN 200 - 8"
34186	225.0	55.0	-
34842	230.0	55.0	-
39162	232.0	55.0	-
34187	235.0	55.0	-
34817	236.0	100.0	-
31746	244.5	55.0	-
34189	250.0	60.0	-
41082	260.0	60.0	-
34190	264.0	60.0	-
34191	267.0	60.0	-
41018	271.3	71.0	-
34810	273.0	100.0	DN 250 - 10"
31724	273.0	115.0	DN 250 - 10"
31735	273.0	65.0	DN 250 - 10"
34192	281.0	65.0	-
34193	285.0	65.0	-
34812	286.0	100.0	-
34194	293.0	80.0	-
34818	298.0	80.0	-
34195	300.0	65.0	-
34196	305.0	80.0	-
34197	311.0	70.0	-
34198	315.0	70.0	-
34199	317.0	80.0	-
31789	318.0	70.0	-
41019	322.2	78.0	-
34814	323.9	100.0	DN 300 - 12"
31694	323.9	75.0	DN 300 - 12"
34200	330.0	75.0	-
34201	334.0	75.0	-
48213	335.0	100.0	-
34202	338.0	75.0	-

CONTINUED ON NEXT PAGE

Flexible Pipe Caps *CONTINUED*

SR 1388



Part Number	Dimensions (mm)		Nominal Diameter
	d	H	
34203	343.0	75	-
34204	350.0	80	-
41020	353.8	89	-
34815	355.6	100	DN 350 - 14"
31726	355.6	30	DN 350 - 14"
31685	355.6	80	DN 350 - 14"
34816	360.0	100	-
34205	368.0	160	-
31709	368.0	80	-
31642	376.0	185	-
600777	376.0	80	-
601168	378.0	100	-
34206	381.0	80	-
34207	388.0	80	-
600776	392.0	100	-
34208	394.0	80	-
34209	400.0	75	-
41021	404.1	103	-
34819	406.4	120	DN 400 - 16"
31664	406.4	85	DN 400 - 16"
34820	410.0	120	-
31706	419.0	90	-
41061	429.0	100	-
36407	432.0	80	-
31730	433.0	100	-
601162	440.0	100	-
34210	445.0	90	-
34211	455.0	80	-
48227	457.2	150	DN 450 - 18"
31687	457.2	95	DN 450 - 18"
34212	463.0	75	-
43139	463.0	80	-
34213	470.0	80	-
34214	482.0	80	-
34215	490.0	95	-
34216	495.0	100	-
600001	505.0	100	-
31689	508.0	105	DN 500 - 20"
48226	508.0	170	DN 500 - 20"
600963	512.8	100	-
34217	514.0	80	-
31708	521.0	110	-
31650	530.0	80	-
34218	532.0	80	-
34219	534.0	80	-
600807	550.0	100	-
31710	558.8	115	DN 550 - 22"
34220	564.0	85	-
601127	570.0	85	-
34221	574.0	80	-
34222	585.0	120	-
31729	586.0	90	-
34223	597.0	115	-
31739	609.6	125	DN 600 - 24"
41183	616.0	65	-

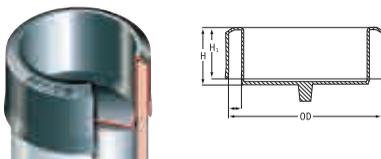
Part Number	Dimensions (mm)		Nominal Diameter
	d	H	
34224	616.0	95	-
31711	622.0	130	-
43236	625.4	-	-
34225	635.0	130	-
34226	648.0	80	-
31713	660.4	135	DN 650 - 26"
34227	667.0	100	-
34228	673.0	135	-
34229	686.0	135	-
31718	711.2	145	DN 700 - 28"
34230	711.2	260	DN 700 - 28"
34231	719.0	105	-
31690	730.0	145	-
34232	736.6	145	-
34233	746.0	150	-
31696	762.0	155	DN 750 - 30"
34234	770.0	115	-
601324	773.2	350	-
34235	793.0	80	-
34236	800.0	155	-
31722	812.8	165	DN 800 - 32"
34237	820.0	120	-
34238	825.0	165	-
34239	851.0	80	-
34240	863.6	170	DN 850 - 34"
34241	872.0	125	-
31728	890.0	170	-
34242	902.0	175	-
31701	914.4	175	DN 900 - 36"
34243	921.0	135	-
34244	965.2	180	DN 950 - 38"
34245	975.0	170	-
41071	1000.0	180	-
31727	1016.0	180	DN 1000 - 40"
34246	1026.0	145	-
31731	1066.8	185	DN 1050 - 42"
34247	1078.0	150	-
34248	1117.8	185	DN 1100 - 44"
34249	1129.0	160	-
600803	1150.0	350	-
600937	1168.0	185	DN 1150 - 46"
31725	1219.2	200	DN 1200 - 48"
34250	1231.0	170	-
461006	1270.0	200	DN 1250 - 50"
41138	1320.8	180	DN 1300 - 52"
34251	1340.0	180	-
39127	1371.6	180	DN 1350 - 54"
43155	1384.7	206	-
34252	1422.4	215	DN 1400 - 56"
34253	1437.0	180	-
41101	1450.0	180	-
44127	1455.0	185	-
34254	1524.0	220	DN 1500 - 60"
34256	1625.6	230	DN 1600 - 64"

# PIPE CAPS

## Heavy-Duty Recessed Caps

SR 1370

Black LDPE



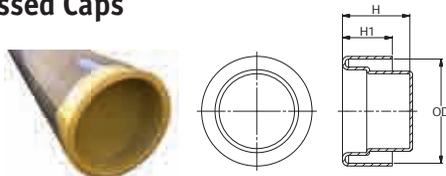
- Protect pipe bevels and internal walls from corrosion and damage
- Accept crane hooks for moving pipes during storage, transit and laying
- Resistant to temperatures from -30°C to +60°C
- WT is wall thickness

Part Number	To Fit Pipe Specification		Dimensions (mm)				Standard Pack Quantity
	DIN	Nominal Diameter	OD	WT	H	H1	
110423	DN 150	6"	168.3	15.0	100.0	90.0	30
110425	DN 200	8"	219.1	15.0	100.0	90.0	20
110426	DN 200	8"	219.1	23.0	100.0	90.0	20
110427	DN 250	10"	273.0	15.0	100.0	90.0	12
110428	DN 250	10"	273.0	23.0	100.0	90.0	10
110430	DN 300	12"	323.9	15.0	100.0	90.0	25
110432	DN 300	12"	323.9	32.0	100.0	90.0	25
110433	DN 350	14"	355.6	23.0	100.0	90.0	50
110435	DN 400	16"	406.4	23.0	100.0	90.0	50

## Flexible Recessed Caps

SR 1371

Yellow PE



- Protect pipe bevels and internal walls from corrosion and damage
- Soft material for easy fitting on large sizes
- Accept crane hooks for moving pipes during storage, transit and laying
- WT is wall thickness

Part Number	To Fit Pipe Specification		Dimensions (mm)			
	DIN	Nominal Diameter	OD	WT	H	H1
31018	DN 180	6"	168.3	28.0	100.0	55.0
34846	DN 200	8"	219.1	23.2	100.0	55.0
34848	DN 250	10"	273.0	18.1	100.0	55.0
34853	DN 300	12"	323.9	26.0	105.0	55.0
34855	DN 350	14"	355.6	28.3	105.0	55.0
34858	DN 400	16"	406.4	26.2	105.0	70.0
34860	DN 450	18"	457.2	26.2	105.0	70.0
34862	DN 500	20"	508.0	27.7	105.0	70.0

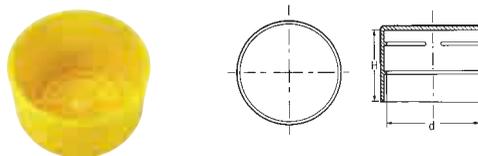
Part Number	To Fit Pipe Specification		Dimensions (mm)			
	DIN	Nominal Diameter	OD	WT	H	H1
34865	DN 600	24"	609.6	20.8	105.0	80.0
31130	DN 650	26"	660.4	15.4	105.0	80.0
34867	DN 700	28"	711.2	22.7	105.0	80.0
34868	DN 750	30"	762.0	28.0	105.0	90.0
34869	DN 800	32"	812.8	22.6	105.0	90.0
31138	DN 1000	40"	1016.0	26.5	130.0	110.0

## Heavy Duty Pipe Caps

SR 1389

Black and Yellow LDPE

- Reinforced design
- Fit smaller pipe sizes



Part Number	Nominal Diameter	Dimensions (mm)		Colour
		d	H	
12080	-	19.0	12.7	Yellow
12081	½"	21.4	17.2	Yellow
12082	-	22.2	17.7	Yellow
12084	-	25.4	22.0	Yellow
50248	-	27.0	25.4	Black
12085	¾"	27.0	25.4	Yellow
10275	-	31.8	25.4	Yellow
10677	1"	33.4	24.8	Yellow
12086	-	34.1	22.8	Yellow
11356	-	35.0	24.6	Yellow
10989	-	38.0	28.4	Yellow
51061	-	41.3	26.6	Black
11118	-	41.3	26.6	Yellow
60606	1¼"	42.9	25.4	Black
12087	1¼"	42.9	25.4	Yellow

Part Number	Nominal Diameter	Dimensions (mm)		Colour
		d	H	
11236	-	44.5	26.6	Yellow
11360	-	47.7	28.4	Yellow
51200	1½"	48.3	27.0	Black
11238	1½"	48.3	27.0	Yellow
10146	-	50.8	24.3	Yellow
10834	1¾"	54.0	28.4	Yellow
11217	-	57.2	25.4	Yellow
51109	2"	60.3	26.6	Black
10195	2"	60.3	26.6	Yellow
10648	-	63.5	30.4	Yellow
11337	-	70.0	30.0	Yellow
86470	2½"	76.1	31.0	Black
11198	2½"	76.1	31.0	Yellow
11408	-	82.5	31.0	Yellow

## Bevel Edge Protectors and Plugs

SR 1360

**Bevel Edge Protector – Steel Bevel**

**Pipe Plug – PE/Flexible PE**

- Bevel protector designed for use with pipes from 8” to 120”
- The bevel protector is easy to apply by pushing onto the pipe-end and hammering down the clamping system
- The clamping system will expand and force the protector against the inner pipe surface
- Bevel protector combines with pipe plug in sizes 8” to 64” for optimal protection and pipe closure
- Pipe plug has depth of at least 100mm to accept crane hook
- The steel bevel protector keeps the pipe plug firmly in position during handling, transportation and storage
- Available with a corrosion inhibitor to protect inside pipe against damage from moisture

**Part Numbers listed in tables refer only to the plug.**

**We recommend that you contact our office to select the clamping system to fit your requirement.**



Figure 1  
Steel bevel protector and pipe plug



Figure 2  
Steel bevel protector and pipe plug combined together in a pipe-end, sealing the pipe completely



Figure 3  
Clamping system of the steel bevel protector



Figure 4  
By giving a few taps with a hammer on top of the clamping system the bevel protector expands and forces itself against the inner pipe surface

Part Number	Nominal Pipe Size	Pipe Wall Thickness (mm)	Plug Diameter (mm)	Height (mm)
41023	16"	25.4	355.6	105
41114	16"	12.7	381.0	105
464623	16"	6.4	393.7	200
601482	18"	25.4	406.4	55
601258	18"	19.1	419.1	105
41024	18"	12.7	431.8	105
601134	18"	9.3	438.6	150
464621	18"	6.4	444.5	200
41130	20"	25.4	457.2	105
601257	20"	19.1	469.9	105
41116	20"	12.7	482.6	105
601530	20"	6.4	495.3	105
41140	22"	25.4	508.0	105
41026	22"	12.7	533.4	105
41045	24"	25.4	558.8	105
41027	24"	12.7	584.2	105
44115	26"	25.4	609.6	105
41028	26"	12.7	635.0	105
461580	28"	25.4	660.4	105
41029	28"	12.7	685.8	105
41031	30"	25.4	711.2	105
41030	30"	12.7	736.6	105

Part Number	Nominal Pipe Size	Pipe Wall Thickness (mm)	Plug Diameter (mm)	Height (mm)
461082	32"	25.4	762.0	110
41032	32"	12.7	787.4	105
601267	32"	6.4	800.1	105
44122	34"	25.4	812.8	105
41033	34"	12.7	838.2	105
48215	36"	25.4	863.6	105
41034	36"	12.7	889.0	105
464619	38"	25.4	914.4	200
41035	38"	12.7	939.8	105
461081	40"	25.4	965.2	105
41036	40"	12.7	990.6	105
461080	42"	25.4	1016.0	105
41037	42"	12.7	1041.4	105
601321	44"	25.4	1066.8	105
41038	44"	12.7	1092.2	105
41039	46"	12.7	1143.0	105
461079	48"	25.4	1168.4	105
41072	48"	12.7	1193.8	105
601140	50"	12.7	1244.6	105
41129	52"	12.7	1295.4	105
41125	54"	12.7	1346.2	105
464654	56"	25.4	1371.6	105
41126	56"	12.7	1397.0	105

## Face Self-Adhesive Discs

### SR 1361

#### Black Rubber

- Provide full flange face protection
- Ozone and weather resistant
- Withstand temperatures from -15°C to +70°C
- Resistant to petrol, oil and non-oxidisation acids
- Available with holes for internal bore sand blasting
- Standard thickness 1.5mm



#### ANSI

Part Number	Nominal Diameter	Disc Diameter (mm)
48326	½"	36.0
48327	¾"	45.0
48328	1"	54.0
48329	1½"	75.0
48330	2"	95.0
48362	2½"	115.0
48331	3"	130.0
48332	4"	160.0
48333	5"	200.0
48334	6"	220.0
48335	8"	275.0
48336	10"	330.0
48337	12"	390.0
48338	14"	415.0
48339	16"	475.0
48340	18"	540.0
48341	20"	590.0
600049	22"	642.0
48342	24"	700.0
43899	26"	750.0
44003	28"	810.0
464559	30"	857.2
44007	36"	1022.0

#### DIN

Part Number	Nominal Diameter	Disc Diameter (mm)
48311	DN 10	40.0
48312	DN 15	45.0
48313	DN 20	58.0
48314	DN 25	68.0
48315	DN 32	78.0
48316	DN 40	88.0
48317	DN 50	102.0
48318	DN 65	122.0
48319	DN 80	138.0
48320	DN 100	158.0
48321	DN 125	188.0
48322	DN 150	212.0
48323	DN 200	268.0
48324	DN 250	320.0
48325	DN 300	380.0
48163	DN 350	450.0
48237	DN 400	505.0
464626	DN 500	615.0
464516	DN 600	692.0
461120	DN 800	910.0

#### Alternative Sizes

Part Number	Disc Diameter (mm)
462878	38.0
48171	47.0
48250	51.0
601437	62.5
600062	70.0
601552	72.0
43267	90.0
48359	92.0
48360	105.0
48235	110.0
601554	124.0
601173	125.0
48363	127.0
552320	152.4
601556	156.0
601398	168.0
600956	180.0
601557	182.0
48370	217.0
48233	223.0
601558	247.0
600967	250.0
48083	255.0
461935	270.0
552322	292.0
601498	300.0
601175	308.0
48216	325.0
48383	340.0
552324	346.0
601881	356.0
601882	362.0
48134	385.0
552325	406.4
464641	430.0
48197	435.0
48251	470.0
48392	490.0
48249	535.0
601340	584.0
461941	585.0
552328	622.3
552329	660.4
600115	774.0
600808	780.0
552330	793.8
464642	885.0
464519	914.0
601569	1085.0
462889	1100.0
44010	1170.0
601801	1194.0
552158	1333.0
601802	1359.0
601803	1511.0
601822	2197.0

## Face Protectors

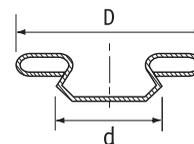
### SR 1354

#### Yellow Polyethylene

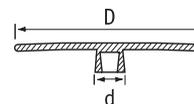
- Protect against dirt, moisture, paint and sand blasting
- Suitable for DIN and ANSI flanges



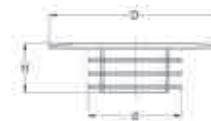
Type 1



Type 2



Type 3



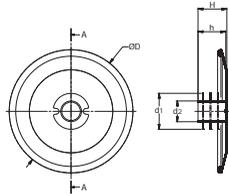
Part Number	Type	Nominal Diameter	Dimensions (mm)		
			D	d	H
31648	2	DN 15 ½"	45.0	15.8	-
31653	2	DN 20 ¾"	58.0	20.8	-
34325	2	DN 25 1"	68.0	26.0	-
31649	2	DN 32 1¼"	78.0	33.5	-
34326	2	DN 40 1½"	88.0	41.5	-
32440	1	DN 50 2"	102.0	49 - 55	-
110295	2	DN 50 2"	103.0	51.0	-
32441	1	DN 65 2½"	122.0	63 - 70	-
32442	1	DN 80 3"	138.0	76 - 83	-
32443	1	DN 100 4"	162.0	100 - 107	-
34335	1	-	165.0	90 - 100	-
32444	1	DN 125 5"	188.0	123 - 132	-
32445	1	DN 150 6"	218.0	149 - 159	-
34337	1	-	245.0	140 - 150	-
32446	1	DN 200 8"	285.0	196 - 207	-
34338	1	-	310.0	185 - 200	-
32447	1	DN 250 10"	345.0	247 - 260	-
32448	1	DN 300 12"	410.0	295 - 310	-
32449	1	DN 350 14"	465.0	325 - 341	-
32450	1	DN 400 16"	530.0	374 - 392	-
32451	1	DN 450 18"	570.0	424 - 443	-
32452	1	DN 500 20"	625.0	472 - 494	-
34370	1	DN 600 24"	725.0	570 - 596	-
494283	3	DN 15 ½"	45.0	19.0	16.5
494284	3	DN 20 ¾"	58.0	24.0	16.5
494285	3	DN 25 1"	70.0	30.0	19.5
494286	3	DN 32 1¼"	78.0	39.0	29.5
494287	3	DN 40 1½"	88.0	45.0	29.5
494288	3	DN 50 2"	102.0	56.0	29.5
494289	3	DN 65 2½"	122.0	72.0	34.5
494290	3	DN 80 3"	138.0	85.0	34.5
494291	3	DN 100 4"	163.0	119.0	36.5
494292	3	DN 125 5"	190.0	143.0	36.5
494293	3	DN 150 6"	215.0	170.0	36.5
494294	3	DN 200 8"	270.0	221.0	41.5
494295	3	DN 250 10"	345.0	275.0	41.5
494296	3	DN 300 12"	408.0	325.0	41.5

## Full-Face Flange Protectors

SR 1365

Yellow LDPE

- Flexible fins ensure snug fit into bores
- For flanges to DIN 2627-2638,150, BS5504 and ANSIB16, 5



Part Number	DIN	Nominal Bore	Dimensions (mm)					Standard Pack Quantity
			d2	d1	D	h	H	
552067	DN10	3/8"	6.8	14.2	86.0	20.0	21.0	800
552068	DN15	1/2"	8.5	19.0	90.0	20.0	21.0	500
552069	DN20	3/4"	13.0	24.0	100.0	20.0	21.0	350
552070	DN25	1"	18.0	30.0	110.0	24.0	25.0	300
552071	DN32	1 1/4"	23.0	39.0	136.0	30.0	32.0	200
552072	DN40	1 1/2"	30.0	45.5	146.0	30.0	32.0	200
552073	DN50	2"	40.0	56.5	160.0	30.0	32.0	100
552074	DN65	2 1/2"	53.0	72.5	180.0	34.0	36.0	80
552075	DN80	3"	66.0	85.5	196.0	34.0	36.0	75
552076	DN100	4"	86.0	110.0	216.0	44.0	46.0	50
552077	DN125	5"	110.0	134.0	246.0	44.0	46.0	35
552078	DN150	6"	139.0	163.0	280.0	48.0	50.0	25
552079	DN200	8"	186.0	210.0	336.0	50.0	52.0	16
552080	DN250	10"	237.0	263.0	403.0	50.0	52.0	7
1258269	DN300	12"	284.0	319.0	450.0	-	48.5	10

## Flange Covers

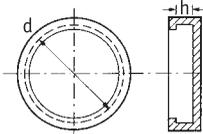
SR 1353

Yellow Flexible Polyethylene

DIN

Part Number	Nominal Diameter	Series Pressure Group (Bar)	Dimensions (mm)	
			d	h
34278	DN 10	6	75.0	10.0
34281		25, 40	90.0	14.0
34279		6	80.0	10.0
34282	DN 15	10, 16	95.0	12.0
110318*		25, 40	95.2	14.2
34301		-	95.0	16.0
110317*	DN 20	6	90.0	12.0
31996		10, 16	105.0	14.0
32259		25, 40	105.0	16.0
110319*	DN 25	6	100.2	12.2
31967		10, 16	115.0	14.0
32260		25, 40	115.0	16.0
32261	DN 32	6, 10	120.0	12.0
31968		-	140.0	14.0
32264		16	140.0	16.0
34303	DN 40	25, 40	140.0	18.0
32262		6	130.0	11.0
32265		10, 16	150.0	13.0
110322*	DN 50	-	150.5	15.0
34304		25, 40	150.0	17.0
32263		6	140.0	11.0
32267	DN 65	10, 16	165.0	15.0
31970		25, 40	165.0	17.0
32266		6	160.0	11.0
31971	DN 80	10, 16	185.0	15.0
32268		25, 40	185.0	19.0
31972		10, 16	200.0	17.0
32270	DN 100	25, 40	200.0	21.0
34306		-	200.0	24.0
32271		6	210.0	13.0
31973	DN 125	10, 16	220.0	17.0
34307		-	220.0	21.0
34308		-	220.0	24.0
32272	DN 150	25, 40	235.0	21.0
32273		6	240.0	15.0
31921		10, 16	250.0	19.0
31652	DN 200	-	250.0	25.0
32275		25, 40	270.0	23.0
32274		6	265.0	15.0
31915	DN 250	10, 16	285.0	19.0
34310		-	285.0	22.0
34311		-	285.0	24.0
34312	DN 300	-	285.0	29.0
34283		25, 40	300.0	25.0

- Ideal for protecting internally-coated flanges
- Provide complete all-round flange protection
- Cover ANSI B 16.5, DIN 2631-2635 and BS4504
- Easy to fit
- Durable and flexible
- Also protect bolt holes
- Suit all types of flange faces



Part Number	Nominal Diameter	Series Pressure Group (Bar)	Dimensions (mm)	
			d	h
34284	DN 175	10, 16	315.0	21.0
31917		25	330.0	25.0
31916		6	320.0	17.0
32310	DN 200	10, 16	340.0	21.0
34314		-	340.0	24.0
31651		-	340.0	32.0
34286	DN 250	25	360.0	27.0
34288		40	375.0	31.0
34287		6	375.0	19.0
34289	DN 300	10	395.0	23.0
34315		-	395.0	28.0
32311		16	405.0	23.0
34290	DN 350	25	425.0	29.0
34292		40	450.0	35.0
34291		6	440.0	18.0
31922	DN 400	10	445.0	22.0
34316		-	445.0	30.0
32312		16	460.0	24.0
31874	DN 450	25	485.0	30.0
34295		40	515.0	38.0
32320		10	505.0	22.0
34296	DN 500	16	520.0	26.0
34297		6	540.0	18.0
32321		10	565.0	22.0
34299	DN 600	16	580.0	28.0
32276		25	620.0	36.0
32278		40	660.0	46.0
32322	DN 700	10	670.0	24.0
32281		16	715.0	30.0
32282		25	730.0	40.0
31942	DN 800	40	749.3	46.0
32307		16	840.0	31.0

\*Injection-moulded flange cover

CONTINUED ON NEXT PAGE

# FLANGE PROTECTION

## Flange Covers *CONTINUED*

SR 1353

ANSI

Part Number	Nominal Diameter	Series Pressure Group (lbs)	Dimensions (mm)	
			d	h
31836	½"	150	88.9	11.2
110318*		300/400/600	95.2	14.2
31963		300/400/600	95.2	14.2
34258		900/1500	120.6	22.3
31837	¾"	150	98.6	12.7
31965		300/400/600	117.3	15.7
31896		900/1500	130.0	25.4
110320*	1"	150	108.0	14.2
31938		300/400/600	124.0	17.5
31891		900/1500	149.3	28.4
34260		300	133.4	19.0
110321*	1½"	150	127.0	17.5
31793		150	127.0	17.5
31886		300	155.4	20.6
32284	2"	400/600	155.4	22.4
31892		900/1500	177.8	31.7
110323*		150	152.4	19.1
31791		150	152.4	19.1
110324*	2"	300	165.5	22.5
31783		300	165.5	22.5
32285		400/600	165.1	25.4
32293		900/1500	215.9	38.1
32313	2½"	150	177.8	22.4
31888		300	190.5	25.4
31890		400/600	190.5	28.4
31766	3"	150	190.5	23.9
31867		300	209.5	28.4
32286		400/600	209.5	31.8
32294		900	241.3	38.1
34319	3½"	1500	270.0	51.5
34262		150	215.9	23.9
34263		300	228.6	30.2
31763		150	228.6	23.9
31868	4"	300	254.0	31.7
32287		600	273.1	38.1
32291		900	292.1	44.4
34322		2500	356.0	76.0
34265	5"	150	254.0	23.9
34266		300	279.4	35.0
34267		600	330.2	44.5
31760		150	279.4	25.4
31869	6"	300	317.5	36.5
32296		600	355.6	47.8
31647		900	381.0	55.6
31870		150	342.9	28.4
34321	8"	-	343.0	33.0
31871		300	381.0	41.1
32298		600	419.1	55.6
32299		900	469.9	63.5
34323	10"	1500	479.0	93.0
34324		2500	551.0	111.0
31872		150	406.4	30.2
31873		300	444.5	47.7
32300	12"	600	508.0	63.5
32303		900	546.1	69.8
31874		150	485.0	30.0
31875		300	520.7	50.8
32301	14"	600	558.8	66.5
32302		900	609.6	79.2
31876		150	533.4	35.1
31847		300	584.2	53.8
34268	16"	600	603.3	69.9
31877		150	596.9	36.6
31878		300	647.7	57.1
34270		600	685.8	76.2
34271	900	704.8	88.9	

\*Injection-moulded flange cover

## Flange Protectors

SR 1355

Black LDPE



Part Number	Nominal Diameter	Series Pressure Group (lbs)
43607*	½"	150
34352	½"	300/600
498759	½"	900
43608*	¾"	150
34353	¾"	300/600
498765	¾"	900
43609*	1"	150
34354	1"	300/600
498760	1"	900
34343	1¼"	150
34355	1¼"	300/600
498758	1¼"	900
43610*	1½"	150
34356	1½"	300/600
498757	1½"	900
43611*	2"	150
39701	2"	300/600
498764	2"	900
43612*	2½"	150
34358	2½"	300/600
43613*	3"	150
34359	3"	300/600
498766	3"	900
43614*	4"	150
34361	4"	300
498773	4"	600
498767	4"	900
43615*	6"	150
34362	6"	300
498774	6"	600
498768	6"	900
43616*	8"	150
498770	8"	300
498775	8"	600
498769	8"	900
43617*	10"	150
498771	10"	300
498755	10"	600
498761	10"	900
43618*	12"	150
498772	12"	300
498756	12"	600
498762	12"	900

\*Variations in style - give protection to flange face and area surrounding bolt holes.

ANSI

Part Number	Nominal Diameter	Series Pressure Group (lbs)	Dimensions (mm)	
			d	h
31879	18"	150	635.0	39.6
31880		300	711.2	60.4
34272		600	743.0	82.6
34273	20"	900	787.4	101.6
31881		150	698.5	42.9
31882		300	774.7	63.5
34274		600	812.8	88.9
34275	22"	900	857.2	107.9
31942		150	749.3	46.0
31943		150	812.8	47.8
32088	24"	300	914.4	69.8
34276		600	930.0	98.0
34277		900	1041.4	139.7

## SAE Flange Protectors with groove for O-ring

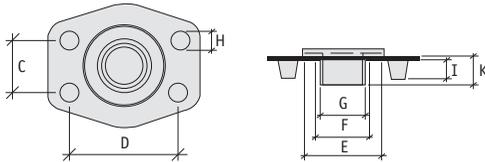
SR L-0000

LDPE - Yellow

PP - Blue



- Protective cover for SAE flat
- Protect hole, flat surface and screw holes
- To use with PSI 3000 and PSI 6000 applications



Part Number	Nominal Diameter	Colour	PSI	Dimensions (mm)								Standard Pack Quantity
				C	D	E	F	G	H	I	K	
3471000	½"	Yellow	3000	18.0	38.5	27.5	17.0	12.5	5.0	8.0	10.5	500
3471100	½"	Blue	3000	18.0	38.5	27.5	17.0	12.5	5.0	8.0	10.5	500
3472000	¾"	Yellow	3000	22.5	48.0	33.3	24.0	18.5	7.0	8.0	11.0	500
3472100	¾"	Blue	3000	22.5	48.0	33.3	24.0	18.5	7.0	8.0	11.0	500
3473000	1"	Yellow	3000	26.7	52.0	41.2	32.5	25.3	7.0	8.0	11.0	250
3473100	1"	Blue	3000	26.7	52.0	41.2	32.5	25.3	7.0	8.0	11.0	250
3474000	1¼"	Yellow	3000	30.5	59.0	45.8	37.0	32.0	7.0	8.0	11.0	250
3474100	1¼"	Blue	3000	30.5	59.0	45.8	37.0	32.0	7.0	8.0	11.0	250
3474500	¾"	Yellow	6000	23.8	50.0	34.0	24.0	18.0	5.0	8.0	11.5	500
3474600	1"	Yellow	6000	28.3	58.5	20.0	16.3	-	8.0	10.0	-	200
3474700	1¼"	Yellow	6000	32.0	67.3	45.5	36.4	32.5	10.0	10.0	5.0	250
3474800	1½"	Yellow	6000	31.5	80.0	50.8	41.0	37.3	12.5	14.3	9.0	100

## SAE High-Pressure Flange Protectors

SR 1076

Polyethylene



3000 Series - Blue, 6000 Series - Red

Part Number	Nominal Diameter	Series Pressure Group (lbs)
34371	½"	3000
498754	½"	6000
34372	¾"	3000
34382	¾"	6000
34373	1"	3000
34383	1"	6000
34374	1¼"	3000
34384	1¼"	6000
34375	1½"	3000
34385	1½"	6000
34376	2"	3000
34386	2"	6000
34377	2½"	3000
498751	3"	3000
498752	4"	3000

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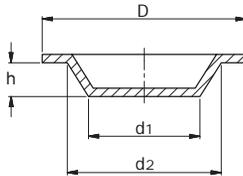


# FLANGE PROTECTION

## Raised-Face Protector Plugs

SR 1372

Polyethylene  
Black



- Meets ANSI/ASME B16.5 Specifications
- Protects petroleum, gas and water type valve flanges
- Protects raised machine face and pipe interior from dirt and moisture during shot and sandblasting operations
- Bolt holes are not covered by flange plugs
- Tapered plug design fits snugly into the pipe's interior
- Requires no fasteners

Part Number	Nominal Pipe Size	Dimensions(mm)				Standard Pack Quantity
		d1	d2	D	h	
FPR1A	1	28	29.4	52.8	9.5	2000
FPR2A	2	52.1	52.7	96.6	11.2	400
FPR2-½A	2½	63.2	63.8	109.6	12.2	400
FPR3A	3	77	79	132	18.5	450
FPR4A	4	101.5	104	166.4	23.5	250
FPR5A	5	126.7	129	189.9	27.2	175
FPR6A	6	151.1	153.7	223.8	32.1	100
FPR8A	8	203.2	205	279.9	32.4	70
FPR10A	10	253.9	257.8	328.3	33.8	50
FPR12A	12	305.1	308.7	386.5	33.8	35

## Adhesive Peel and Stick Full-Face Protectors

SR 1373

Polyethylene  
Black



- Meets ANSI B16.5 and ASME B16.47 specification
- 150lb rating
- Adhesive backed, peel and stick design
- Full-faced O.D flange protection
- Special adhesive bonds tightly and leaves no residue under normal conditions
- Requires no fasteners

Part Number	Nominal Pipe Size (ins)	O.D (mm)	Standard Pack Quantity
PG150-½A	½"	88.9	50
PG150-¾A	¾"	98.4	25
PG150-1A	1"	108.0	50
PG150-1-¼A	1¼"	117.5	50
PG150-1-½A	1½"	127.0	50
PG150-2A	2"	152.4	50
PG150-2-½A	2½"	177.8	50
PG150-3A	3"	190.5	50
PG150-3-½A	3½"	215.9	25
PG150-4A	4"	228.6	50
PG150-5A	5"	254.0	50

Part Number	Nominal Pipe Size (ins)	O.D (mm)	Standard Pack Quantity
PG150-6A	6"	279.4	25
PG150-8A	8"	342.9	25
PG150-10A	10"	406.4	25
PG150-12A	12"	482.6	25
PG150-14A	14"	533.4	25
PG150-16A	16"	596.9	25
PG150-18A	18"	635.0	25
PG150-20A	20"	698.5	10
PG150-24A	24"	812.8	10
PG150-30A	30"	984.3	10
PG150-36A	36"	1168.4	10

# OUR SOLUTIONS

We know what matters to you: reliability, global distribution, and of course, consistent quality products. Our pipe and flange protection and component solutions are at work throughout the global Oil & Gas market. From flange, pipe and thread protection, through to protecting pipes in transport, we have a wide range of solutions to suit your application.



## PIPE PROTECTION

Our technologies give you the protection you need. Our caps and plugs give you a choice of styles while preventing foreign material from contaminating your pipes, reducing your downtime.



### RIBBED PIPE CAPS

Provide a positive grip over the outside of the pipe's diameter, protecting your pipe from foreign material.

**APPLICATION:** Suitable for NPT Line Pipe (½"–6") and Drill Pipe (2¾"–6½")



### FLEXIBLE PIPE CAPS

Ideal for extreme temperatures, from -40°C to +66°C, our flexible pipe caps give you outstanding toughness and puncture resistance. Offering good flexibility, our caps won't crack or split under normal use.

**APPLICATION:** Suitable for NPT Line Pipe (2"–64") and DN Line Pipe (DN 50–DN 1,600)



### HEAVY DUTY RECESSED PIPE CAPS

Our heavy-duty recessed pipe caps protect pipe bevels and internal walls from corrosion and damage. They accept crane hooks for moving pipes.

**APPLICATION:** Suitable for NPT Line Pipe (6"–16") and DN Line Pipe (DN 150–DN 400)



### FLEXIBLE RECESSED CAPS

Protect pipe bevels and internal walls from corrosion and damage with these ultra tough, puncture-resistant caps. Suitable for crane hooks.

**APPLICATION:** Suitable for NPT Line Pipe (6"–40") and DN Line Pipe (DN 180–DN 1,000)

## FLANGE PROTECTION

The raised machine face on a flange is the critical area that you need to protect. We can help you do just that with our raised and full face flange protection products, in a range of styles.



### FULL AND RAISED FACE PUSH IN PROTECTORS

Simply push the protectors into the bore without any fasteners for a snug, easy fit. Beyond the protection of the machined surface, it prevents dirt and moisture from entering the bore.

**APPLICATION:** Suitable for DIN Flanges (DN 10–DN 300) and ANSI Flanges (½"–12")



### FULL FACE ALL-AROUND FLANGE COVERS

All-around flange protection, preventing any contamination of the bore and protecting bolt holes. Its durable and flexible material also provides excellent temperature resistance in extreme climates.

**APPLICATION:** Suitable for DIN Flanges (DN 10–DN 600) and ANSI Flanges (½"–24")



### ADHESIVE FLANGE PROTECTORS FOR FULL AND RAISED FACE FLANGES

Apply with just an easy peel and stick. Its engineered adhesive bonds tightly to the flange, leaving no residue when removed under normal conditions. An economical solution that comes in ozone- and weather-resistant versions.

**APPLICATION:** Suitable for DIN Flanges (DN 10–DN 800) and ANSI Flanges (½"–36")



### RAISED FACE STUDDED FLANGE PROTECTORS

Provides a quick fit with a simple push to install. Weather and oil resistant and compatible with a wide range of media.

**APPLICATION:** Suitable for ANSI Flanges (½"–12")

## A SOLUTION FOR ALL YOUR MASKING NEEDS

- Protection against a huge variety of finishing processes including paint coating, e-coating, powder coating, anodising and more
- Ensure protection of your product against processes up to 250°C
- Custom die-cut options available, tailored to match your masking requirements



CUSTOM  
SOLUTIONS  
AVAILABLE



106



111



115



118



121



121



122



126



127



128

MORE THAN

**950**

HIGH  
TEMPERATURE  
MASKING  
PRODUCTS  
AVAILABLE

# HIGH TEMPERATURE MASKING



SILICONE CAPS AND PLUGS  
(+250°C)

106



FLEXIBLE PVC CAPS AND PLUGS  
(+210°C)

117



PAPER CAPS AND PLUGS  
(+205°C)

119



EPDM (+180°C) AND TPE (+95°C)  
CAPS AND PLUGS

120



MASKING TAPES, HOOKS AND BAGS

126

# SILICONE CAPS AND PLUGS (+250°C)

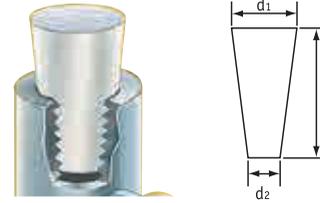
## High-Temperature Plugs

SR 1045

Silicone Rubber



- Recommended for plating, anodizing, spray painting and other finishing applications
- Excellent sealing capacity
- Ideal for plain and threaded holes
- High temperature resistance



Solid Design

Part Number	Colour	To Fit Thread Size			Dimensions (mm)			Standard Pack Quantity
		Metric	UNF	BSP	d1	d2	H	
461493	Natural	-	-	-	1.6	0.4	15.9	1000
461494	Natural	M2	-	-	2.0	0.5	19.1	1000
1219731	Natural	-	-	-	2.0	0.5	25.4	1000
41321	Natural	M2	-	-	3.2	0.8	15.9	1000
41322	Natural	M3	-	-	3.2	1.6	15.9	1000
41323	Natural	M3, M4	-	-	4.8	1.6	15.9	1000
499042	Blue	M3, M4	-	-	4.8	1.6	15.9	500
461495	Natural	M3, M4	-	-	4.8	1.6	19.1	1000
499043	Blue	M3, M4	-	-	4.8	1.6	19.1	500
461496	Natural	M3, M4, M5	-	-	5.5	1.2	38.1	1000
499044	Green	M3, M4, M5	-	-	5.5	1.2	38.1	500
41324	Natural	M5, M6	1/4"	-	6.4	3.2	19.1	1000
499045	Pink	M5, M6	1/4"	-	6.4	3.2	19.1	500
461497	Natural	M5, M6	1/4"	-	6.4	3.2	25.4	1000
499046	Pink	M5, M6	1/4"	-	6.4	3.2	25.4	500
1219733	Red	-	-	-	8.0	4.0	19.0	1000
41325	Natural	M7, M8	5/8"	1/8"	8.7	4.8	15.9	1000
499047	Yellow	M7, M8	5/8"	-	8.7	4.8	15.9	500
461498	Natural	M7, M8	5/8"	1/8"	8.7	4.8	25.4	1000
499048	Yellow	M7, M8	5/8"	-	8.7	4.8	25.4	500
461499	Natural	M8	5/8"	1/8"	9.2	6.2	12.8	100
499049	Yellow	M8	5/8"	-	9.2	6.2	12.8	500
1219732	Natural	M8, M10	-	-	9.5	3.2	31.8	500
461500	Natural	M8	5/8"	1/8"	9.5	6.5	18.5	100
499732	Yellow	M8	5/8"	-	9.5	6.5	18.5	100
1219734	Red	-	-	-	11.1	6.4	25.1	500
461501	Natural	M10	3/8"	-	11.0	8.5	17.5	100
499725	Orange	M10	3/8"	-	11.0	8.5	17.5	100
43008	Natural	M10	3/8"	1/8"	11.5	6.5	25.0	500
499726	Orange	M10	3/8"	-	11.5	6.5	25.0	500
41327	Natural	M10	7/16"	-	12.0	9.0	18.0	500
499724	Orange	M10	7/16"	-	12.7	3.2	50.8	500
461502	Natural	M10, M12, M14	7/16", 1/2", 9/16"	1/4"	14.3	7.9	28.6	100
461503	Natural	M10, M12, M14	7/16", 1/2", 9/16"	1/4"	14.3	7.9	28.6	100
41328	Natural	M14, M16	1/2", 9/16"	-	15.1	10.3	25.4	100
461504	Natural	M14, M16	9/16", 5/8"	3/8"	15.9	11.1	22.2	100
499727	Purple	M14, M16	9/16", 5/8"	-	15.9	11.1	22.2	100
41329	Natural	M16	5/8"	3/8"	16.7	12.7	25.4	200
499728	Purple	M16	5/8"	-	16.7	12.7	25.4	100
461505	Natural	M14, M16, M18	5/8"	3/8"	17.5	11.1	25.4	100
461506	Natural	M18, M20	3/4"	-	19.1	14.3	14.3	100
41330	Natural	M18, M20	3/4"	-	19.1	14.3	25.4	100
41331	Natural	M20	3/4"	1/2"	19.8	15.9	25.4	100
461507	Natural	M20	3/4"	1/2"	20.0	15.5	16.0	100
499729	L. Green	M20	3/4"	-	20.0	15.5	16.0	100
461508	Natural	M22	7/8"	-	23.5	19.0	19.5	100
499730	L. Blue	M22	7/8"	-	23.5	19.0	19.5	100
1219736	Natural	-	-	-	23.5	19.1	25.4	250

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## High-Temperature Plugs CONTINUED

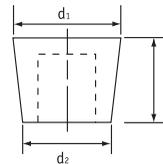
SR 1045

Silicone Rubber



Part Number	Colour	To Fit Thread Size			Dimensions (mm)			Standard Pack Quantity
		Metric	UNF	BSP	d <sub>1</sub>	d <sub>2</sub>	H	
41314	Natural	M22	7/8"	-	23.8	18.3	25.4	100
499731	L. Blue	M22	7/8"	-	23.8	18.3	25.4	100
499721	L. Blue	M22	7/8"	9/16"	24.0	19.2	25.4	100
41332	Natural	M22, M24	1"	3/4"	25.4	19.8	25.4	100
41333	Natural	M27	-	-	27.0	23.0	25.4	100
41334	Natural	M30	1 1/8"	-	27.9	23.8	25.4	100
41335	Natural	M33	1 1/4"	-	31.8	26.2	25.4	100
41336	Natural	M33	1 1/4", 1 3/8"	1"	33.4	27.0	25.4	100
461509	Natural	M36	1 3/8"	-	36.5	30.2	25.4	100
461510	Natural	M39	1 1/2"	-	38.9	31.8	25.4	100
461511	Natural	M39, M42	1 1/2"	1 1/4"	41.3	33.3	25.4	100
461512	Natural	M42	-	1 1/4"	42.9	35.7	25.4	50
461513	Natural	M48	-	-	44.5	37.3	25.4	100
461514	Natural	M48	-	1 1/2"	46.0	38.1	25.4	100
461515	Natural	-	-	1 1/2"	50.0	41.3	25.4	50
461516	Natural	M56	-	-	52.4	44.5	25.4	50
461517	Natural	M56	-	-	56.0	47.6	25.4	50
461518	Natural	M64	-	2"	62.7	50.0	25.4	50
461519	Natural	M64	-	2"	63.5	54.0	25.4	50
461520	Natural	-	-	-	68.3	57.9	25.4	50
461521	Natural	-	-	2 1/2"	75.0	61.9	34.9	50
461522	Natural	-	-	3"	88.9	76.2	38.1	10
461523	Natural	-	-	-	101.6	82.6	38.1	10
461524	Natural	-	-	4"	127.0	88.9	50.8	5

- Cost-effective solution for larger sizes due to hollowed centre
- More flexible than solid plugs allowing easier application



Hollow Design

Part Number	Colour	To Fit Thread Size			Dimensions (mm)			Standard Pack Quantity
		Metric	UNF	BSP	d <sub>1</sub>	d <sub>2</sub>	H	
1219737	L. Green	-	-	-	27.0	23.0	25.4	100
1219738	Pink	-	-	-	27.9	24.0	25.4	100
1219739	Dk Green	-	-	-	32.0	26.2	25.4	100
1219740	Yellow	-	-	-	34.0	27.0	25.4	100
1219741	Dk Blue	-	-	-	36.5	30.2	25.4	100
110060	Natural	-	1 1/2"	-	39.0	31.0	25.0	50
1220212	L. Blue	-	-	-	41.0	33.0	25.4	50
110061	Natural	M42, M45	-	1 3/8"	43.0	36.0	25.0	50
1220213	Red	-	-	-	44.5	37.3	25.4	50
110062	Natural	-	-	-	46.0	38.0	25.0	50
1219742	Natural	-	-	-	39.0	31.7	25.4	50
1219743	Natural	-	-	-	50.0	42.0	25.4	50
110063	Natural	-	-	-	53.0	45.0	25.0	25
499718	Natural	M56	-	-	56.0	47.6	25.4	25
499719	Natural	M64	-	2"	62.7	50.0	25.4	25
110064	Natural	M60, M62	-	-	63.0	50.0	25.0	25
499720	Natural	M64	-	2"	63.5	54.0	25.4	25
499712	Natural	-	-	-	68.3	57.9	25.4	25
499713	Natural	-	-	2 1/2"	75.0	61.9	34.9	25
1219744	Dk Green	-	-	-	82.0	68.0	38.1	10
499715	Natural	-	-	3"	88.9	76.2	38.1	10
499716	Natural	-	-	-	101.6	82.6	38.1	10
499717	Natural	-	-	4"	127.0	88.9	50.8	5

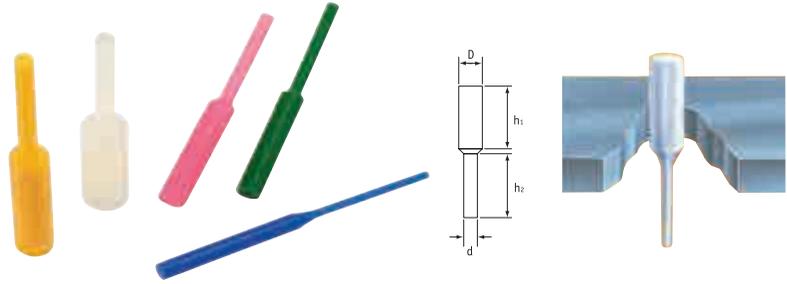
# SILICONE CAPS AND PLUGS (+250°C)

## High-Temperature Pull Plugs

SR 1057

Silicone Rubber

- Ideal for masking threaded and plain through-holes
- Pull-tab allows plugs to be pulled into hole to be masked, and pulled out after use



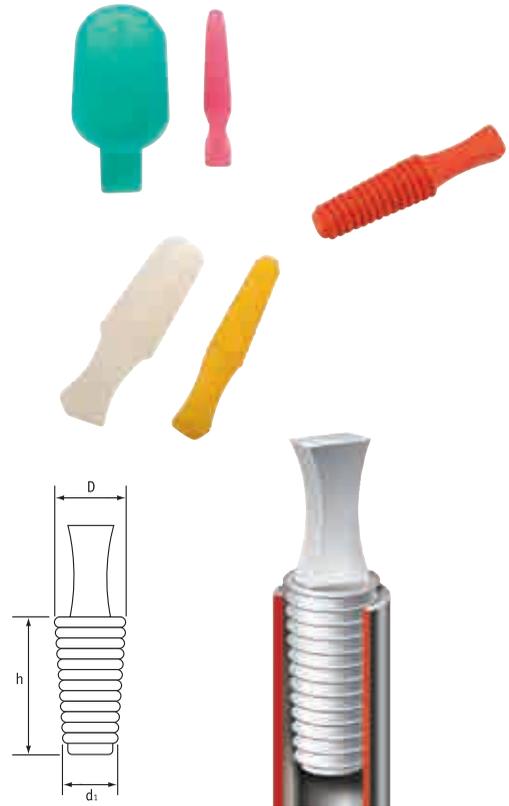
Part Number	Colour	Dimensions (mm)				Standard Pack Quantity
		D	d	h1	h2	
461922	Natural	1.6	1.2	9.5	8.6	1000
461923	Natural	1.7	1.2	15.9	15.5	1000
39726	Natural	1.9	1.2	15.5	15.0	1000
461924	Natural	2.3	1.3	15.9	15.9	1000
39714	Natural	2.4	1.3	17.8	17.8	1000
461590	Natural	2.7	2.1	25.4	25.4	1000
461591	Natural	2.8	1.6	25.4	25.4	1000
461592	Natural	3.0	2.1	25.4	25.4	1000
461593	Natural	3.2	1.6	15.9	15.9	1000
39727	Natural	3.3	2.4	16.5	17.8	500
461594	Natural	3.3	2.4	25.4	25.4	1000
461595	Natural	3.6	2.2	15.9	14.2	1000
499036	Blue	3.6	2.2	15.9	14.2	500
461596	Natural	3.9	1.6	16.1	15.9	1000
499037	Blue	3.9	1.6	16.1	15.9	500
461597	Natural	4.0	1.6	15.9	19.1	1000
1219745	Grey	4.0	1.6	15.9	19.1	500
461598	Natural	4.0	2.1	31.8	31.8	500
499038	Blue	4.0	2.1	31.8	31.8	500
39716	Natural	4.1	2.4	15.9	14.8	500
39717	Natural	4.8	2.8	15.9	15.9	500
461599	Natural	5.0	2.8	25.4	25.4	500
499039	Green	5.0	2.8	25.4	25.4	500
39718	Natural	5.5	3.3	25.4	25.4	1000
461600	Natural	5.7	3.2	25.4	25.4	500
499733	Pink	5.7	3.2	25.4	25.4	500
461601	Natural	6.5	3.3	25.4	25.4	500
39719	Natural	7.0	3.2	23.8	23.4	200
1219746	Natural	7.0	3.7	50.8	50.8	500
461602	Natural	7.9	3.9	31.8	31.8	500
499041	Yellow	7.9	3.9	31.8	31.8	500
461603	Natural	8.5	6.4	19.2	27.9	500
461604	Natural	8.5	3.9	25.4	25.4	500
39721	Natural	8.9	4.9	22.4	23.5	200
461605	Natural	9.8	3.9	25.4	25.4	250
1219747	Dk. Blue	9.8	3.9	50.8	50.8	250
39722	Natural	10.2	4.0	25.4	25.4	200
461606	Natural	10.4	4.9	25.6	25.4	250
461607	Natural	10.5	4.0	13.3	19.2	250
461608	Natural	11.3	6.5	25.4	25.2	250
461609	Natural	11.3	6.5	25.4	25.4	250
39724	Natural	11.9	6.4	25.4	25.4	200
461610	Natural	12.0	6.2	25.4	25.4	250
461611	Natural	12.6	6.4	25.4	25.4	250
1219748	L. Green	12.6	6.4	50.8	50.8	100
461612	Natural	13.0	6.5	25.4	24.3	250
39725	Natural	13.5	6.4	25.4	25.4	200
1219749	L. Green	14.5	7.9	25.4	25.4	100
461613	Natural	15.5	6.4	25.4	25.4	250
1219750	Natural	15.5	8.3	50.8	50.8	100
461614	Natural	16.3	9.5	25.4	25.4	100
461615	Natural	18.0	9.5	31.8	33.7	100
1219751	Natural	18.5	9.5	28.6	27.9	100
461616	Natural	19.6	9.5	25.4	23.6	100
1219752	Yellow	19.6	10.4	49.8	53.3	50
1219753	Pink	20.5	10.9	38.1	38.1	50
461617	Natural	22.8	9.5	25.4	25.4	100
461618	Natural	25.9	9.5	25.4	24.6	100
1219754	Grey	35.1	18.6	38.1	38.1	25

## High-Temperature Flangeless Plugs

SR 1093

Silicone Rubber

- Designed to mask holes without masking the surrounding area
- Tapered rings and hollow core allow many different areas to be masked
- Pull-tab allows easy installation and removal



Part Number	Colour	Fit Thread			Dimensions (mm)			Standard Pack Quantity
		Metric	UNF	BSP	d1	D	h	
461465	Natural	M6	¼"	-	4.0	6.0	25.4	1000
499016	Pink	M6	¼"	-	4.0	6.0	25.4	500
461466	Natural	M8	-	-	6.0	8.0	25.4	1000
499017	Yellow	M8	-	-	6.0	8.0	25.4	500
461467	Natural	M10	⅜"	⅛"	8.0	10.0	25.4	1000
499018	Orange	M10	⅜"	⅛"	8.0	10.0	25.4	500
461468	Natural	-	-	-	10.0	12.0	25.0	500
461469	Natural	-	-	-	12.0	14.0	25.4	500
461470	Natural	M16	⅝"	⅜"	14.0	16.0	25.4	200
499019	Purple	M16	⅝"	⅜"	14.0	16.0	25.4	200
461471	Natural	-	-	-	16.0	18.0	25.4	200
461472	Natural	M20	¾"	½"	18.0	20.0	25.4	200
499020	L.Green	M20	¾"	½"	18.0	20.0	25.4	200
461473	Natural	-	-	-	20.0	24.0	25.4	200
499021	L.Blue	M22	⅞"	½"	22.0	20.0	25.4	200
499022	Natural	M24	-	-	22.0	24.0	25.4	200
461474	Natural	-	-	-	22.5	24.0	25.4	200
461475	Natural	-	-	-	24.0	26.0	25.4	100
461476	Natural	M26	1 ½"	-	26.0	28.0	25.4	100
461477	Natural	-	-	-	25.4	28.6	25.4	100
461478	Natural	M30	1 ⅜"	⅞"	28.6	31.8	25.4	100

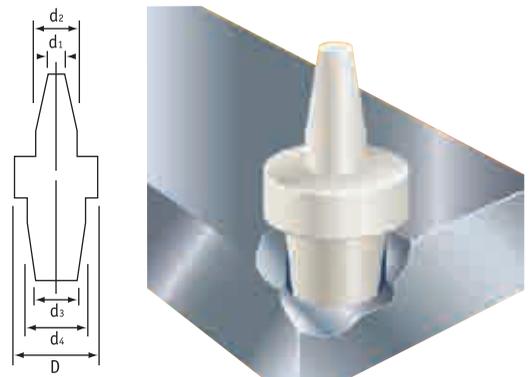
## High-Temperature Washer Plugs

SR 1065

Silicone Rubber

- Plug threaded or plain holes
- Mask surface area around hole
- Integral washer and plug combination performs as a single unit

Part Number	Colour	Fit Thread			Dimensions (mm)					Standard Pack Quantity
		UNF	BSP	Metric	D	d1	d2	d3	d4	
43400	Natural	¼"	-	M3	6.4	1.7	4.0	3.7	6.4	1000
1219755	Dk Green	-	-	-	7.0	1.4	2.8	1.9	3.7	1000
43397	Natural	-	-	M4, M5	7.9	2.3	3.6	3.0	4.6	1000
499025	Natural	-	-	-	7.9	3.0	5.0	3.5	5.8	500
1219756	Pink	-	-	-	9.0	1.8	3.6	2.4	4.7	1000
499026	Natural	-	-	-	9.5	1.8	3.3	2.0	3.8	500
499027	Natural	-	-	-	9.5	2.8	3.5	4.8	5.0	500
1219757	Natural	-	-	-	9.5	2.3	4.5	2.8	5.7	1000
499028	Natural	-	-	-	9.5	2.5	4.6	4.8	4.6	500
43398	Natural	⅝"	⅜"	M6, M8	9.5	3.3	5.1	4.0	7.0	1000
499030	Natural	-	-	-	10.0	3.2	4.5	4.8	5.7	500
1219758	Red	-	-	-	12.5	2.6	5.3	3.4	6.7	250
499031	Natural	-	-	-	12.7	3.8	6.0	4.8	6.3	500
43401	Natural	⅝"	⅜"	M7, M9	12.7	4.0	7.0	7.3	9.5	1000
43399	Natural	⅜", ½"	⅜", ¼"	M10, M12	12.7	7.3	9.9	8.1	11.5	500
499032	Natural	-	-	-	15.9	3.8	3.2	4.8	6.5	500
499033	Natural	-	-	-	17.0	3.6	7.1	4.3	8.7	500
499035	Natural	-	-	-	24.0	5.5	10.9	6.4	12.7	500



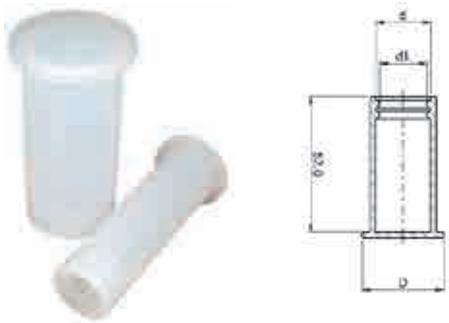
# SILICONE CAPS AND PLUGS (+250°C)

## Ribbed Ezecap

SR 6119

Natural Silicone Rubber

- Fits a range of sizes due to ribbed design
- Internal seal prevents paint ingress
- Flanged for easy removal



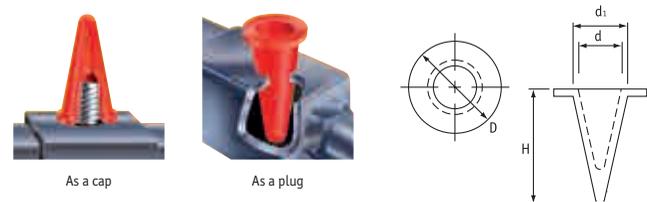
Part Number	Dimensions (mm)				Standard Pack Quantity
	d1	d	D	l	
491660	3.0	6.0	16.0	52.0	200
491661	6.0	9.0	19.0	52.0	200
491662	9.0	12.0	22.0	52.0	200
491663	12.0	15.0	25.0	52.0	200
491664	15.0	18.0	28.0	52.0	200
491665	18.0	21.0	31.0	52.0	200

## High-Temperature Cone Caps/Plugs

SR 1075

Silicone Rubber

- Versatile dual role: cap masks exposed studs; plug masks exposed holes
- As plug, components can be held by painting hooks
- Various colours for rapid size identification



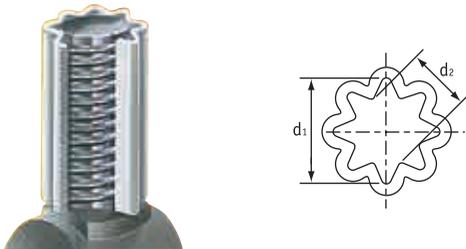
Part Number	Dimensions (mm)				Colour	Standard Pack Quantity
	D	d	d <sub>1</sub>	H		
110050	12.7	3.3	6.3	23.0	Natural	500
461905	12.7	5.5	8.0	25.4	Rust	1000
110051	15.9	4.5	8.5	25.4	Yellow	500
110052	16.5	5.0	10.0	28.0	Brown	500
461906	16.1	5.8	10.1	27.9	Clear	1000
110053	19.1	8.0	14.0	36.0	Black	250
110073	24.9	11.5	17.5	38.1	Green	250
110074	27.9	13.5	19.5	51.0	Blue	100
461915	25.4	14.8	20.8	49.0	Red	200
461916	31.0	16.0	22.0	53.0	Purple	200

## Flexitube

SR 1051

Silicone Rubber

- Supplied in one metre lengths
- Unique design fits several diameters



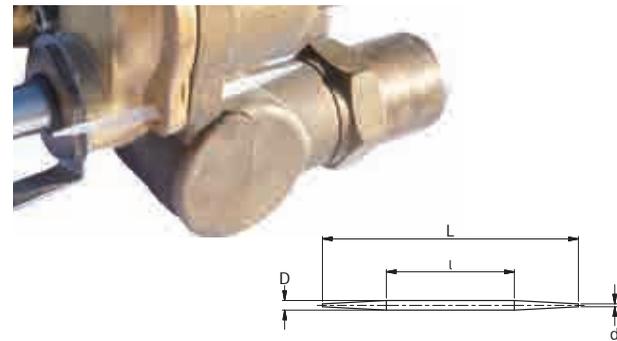
Part Number	Colour	Dimensions (mm)		To Fit Stud Diameters (mm)	Standard Pack Quantity
		d1	d2		
1255013	Red	5.3	2.8	3.0-5.0	25m
1255014	Yellow	7.3	4.8	5.0-7.0	25m
1255015	White	9.5	6.5	7.0-9.0	25m
1255016	Blue	11.5	8.5	9.0-11.0	25m
1255017	Green	14.0	10.7	11.0-13.5	25m

## Mouse Tail

SR 1176

Natural Silicone

- Ideal to plug very small holes
- Recovery silicone produces a tight plug



Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d	L	l	
498738	2.1	0.8	49.0	24.5	500
498739	2.5	0.8	52.8	26.4	500

## High-Temperature Caps

SR 1052

### Silicone Rubber

- Fit over studs, pins or tube ends, providing an excellent masking solution
- Can also be used as plugs to mask threaded and non-threaded holes



Part Number	Colour	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
		Metric	UNF	BSP	d	h	
461672	Natural	-	-	-	0.5	12.7	1000
499673	Natural	-	-	-	0.9	12.7	500
461673	Natural	-	1/16"	-	1.6	19.1	1000
1219718	Dk Blue	-	-	-	1.6	25.4	1000
461674	Natural	-	1/16"	-	1.8	25.4	1000
499674	Natural	-	-	-	2.0	25.4	500
1219719	Black	-	-	-	2.4	12.7	1000
41301	Natural	-	-	-	2.4	19.1	1000
461675	Natural	-	-	-	2.4	25.4	1000
461676	Natural	-	-	-	2.5	12.7	1000
461677	Natural	-	-	-	2.5	25.4	1000
1219720	Yellow	-	-	-	2.8	12.7	1000
41302	Natural	M3	-	-	2.8	19.1	1000
461678	Natural	M3	-	-	2.8	25.4	1000
461679	Natural	-	-	-	3.2	12.7	1000
41303	Natural	-	-	-	3.2	25.4	1000
461680	Natural	-	-	-	3.5	12.7	500
41304	Natural	-	-	-	3.5	25.4	1000
1219721	Natural	-	-	-	3.8	7.9	1000
499675	Blue	M4	-	-	3.8	12.7	500
461681	Natural	M4	-	-	3.8	19.1	500
499696	Blue	M4	-	-	3.8	19.1	500
461682	Natural	M4	-	-	3.8	25.4	250
499697	Blue	M4	-	-	3.8	25.4	500
461683	Natural	M4	-	-	4.0	12.7	250
499698	Blue	M4	-	-	4.0	12.7	500
41305	Natural	M4	-	-	4.0	25.4	1000
499699	Blue	M4	-	-	4.0	25.4	500
1219722	Natural	-	-	-	4.0	31.8	1000
461684	Natural	M4	-	-	4.0	38.1	250
499700	Blue	M4	-	-	4.0	38.1	500
499676	Blue	M4	3/16"	-	4.2	25.4	500
461685	Natural	-	3/16"	-	4.4	12.7	250
41306	Natural	-	3/16"	-	4.4	25.4	1000
461686	Natural	-	3/16"	-	4.4	38.1	250
461687	Natural	-	3/16"	-	4.6	25.4	250
41307	Natural	M5	-	-	4.7	28.6	1000
499702	Green	M5	-	-	4.7	28.6	500
461688	Natural	M5	-	-	4.8	12.7	250
499701	Green	M5	-	-	4.8	12.7	500
499688	Green	M5	-	-	4.8	19.1	500
1219723	Natural	-	-	-	4.8	38.1	1000
461689	Natural	-	-	-	5.5	25.4	250
461690	Natural	M6	-	-	5.7	12.7	250
499703	Pink	M6	-	-	5.7	12.7	500
461691	Natural	M6	-	-	5.7	25.4	250
499704	Pink	M6	-	-	5.7	25.4	500
461692	Natural	M6	-	-	5.7	38.1	250
499705	Pink	M6	-	-	5.7	38.1	500
461693	Natural	M6	1/4"	-	5.9	12.7	250
499706	Pink	M6	1/4"	-	5.9	12.7	500
1219724	L.Green	-	-	-	5.9	25.4	1000
41308	Natural	M6	3/4"	-	5.9	28.6	1000
499707	Pink	M6	1/4"	-	5.9	28.6	500
461694	Natural	M6	1/4"	-	5.9	38.1	250
499708	Pink	M6	1/4"	-	5.9	38.1	500

Part Number	Colour	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
		Metric	UNF	BSP	d	h	
1219725	Natural	-	-	-	6.4	12.7	1000
41309	Natural	-	-	-	6.4	25.4	1000
461695	Natural	-	-	-	6.4	38.1	250
461696	Natural	-	5/16"	-	7.1	12.7	250
41310	Natural	-	5/16"	-	7.1	25.4	1000
1219726	Black	-	-	-	7.5	12.7	500
499677	Yellow	M8	-	-	7.5	25.4	500
461697	Natural	M8	5/16"	5/16"	7.5	38.1	250
499709	Yellow	M8	5/16"	5/16"	7.5	38.1	500
41311	Natural	M8	-	-	7.9	25.4	1000
499710	Yellow	M8	-	-	7.9	25.4	500
461698	Natural	M8	-	-	7.9	38.1	250
499711	Yellow	M8	-	-	7.9	38.1	500
461699	Natural	-	-	-	8.7	25.4	250
461700	Natural	-	-	-	9.0	38.1	250
461701	Natural	M10	-	1/8"	9.5	12.7	250
499689	Orange	M10	-	1/8"	9.5	12.7	500
461702	Natural	M10	-	1/8"	9.5	19.1	250
499690	Orange	M10	-	1/8"	9.5	19.1	500
41312	Natural	M10	-	1/8"	9.5	25.4	1000
499691	Orange	M10	-	1/8"	9.5	25.4	500
461703	Natural	M10	-	1/8"	9.5	38.1	250
499692	Orange	M10	-	1/8"	9.5	38.1	500
461704	Natural	-	-	-	10.3	25.4	250
41315	Natural	-	7/16"	-	11.1	25.4	200
461705	Natural	-	-	-	11.6	25.4	100
461706	Natural	M12	-	-	11.6	38.1	100
41316	Natural	M12	1/2"	-	11.9	25.4	200
1219727	Grey	-	-	-	12.2	25.4	250
461707	Natural	-	1/2"	-	12.2	38.1	100
41317	Natural	-	1/2"	1/4"	12.7	38.1	200
461708	Natural	-	1/2"	3/4"	12.7	76.2	100
41318	Natural	M14	-	-	13.6	38.1	500
461710	Natural	M14	-	-	13.6	76.2	100
461711	Natural	-	-	-	14.3	16.7	100
461712	Natural	-	-	-	14.3	27.9	100
41319	Natural	-	-	-	14.3	38.1	200
461713	Natural	-	-	-	15.2	38.1	100
461714	Natural	M16	5/8"	3/8"	15.9	31.8	100
41350	Natural	M16	5/8"	3/8"	15.9	38.1	200
461715	Natural	M16	5/8"	3/8"	15.9	57.2	100
499679	Natural	M16	5/8"	3/8"	15.9	63.5	500
461716	Natural	-	-	-	17.5	15.9	100
1219728	Blue	-	-	-	17.5	25.4	100
461717	Natural	-	-	-	17.5	38.1	100
461718	Natural	-	-	-	17.5	44.5	100
461719	Natural	-	-	-	17.5	63.5	100
461720	Natural	-	-	-	18.5	38.1	100
461721	Natural	-	-	-	18.5	109.9	100
41351	Natural	M20	3/4"	-	19.1	38.1	200
499680	L.Green	M20	3/4"	-	19.1	38.1	500
461722	Natural	M20	3/4"	-	19.1	48.9	100
499681	L.Green	M20	3/4"	-	19.1	48.9	500
461723	Natural	M20	3/4"	-	19.1	88.9	100
499682	L.Green	M20	3/4"	-	19.1	88.9	500

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# SILICONE CAPS AND PLUGS (+250°C)

## High-Temperature Caps CONTINUED

SR 1052

Silicone Rubber

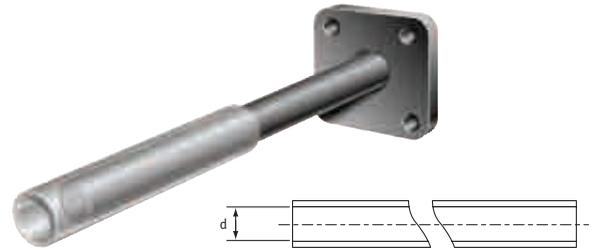
Part Number	Colour	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
		Metric	UNF	BSP	d	h	
461724	Natural	M20	¾"	-	19.1	109.2	100
499683	L.Green	M20	¾"	-	19.1	109.2	100
499684	Natural	-	-	-	19.8	38.1	100
461725	Natural	M22	7/8"	½"	20.6	25.4	100
499693	L.Blue	M22	7/8"	½"	20.6	25.4	100
41352	Natural	M22	7/8"	½"	20.6	38.1	100
499694	L.Blue	M22	7/8"	½"	20.6	38.1	100
461726	Natural	M22	7/8"	-	21.5	72.2	100
499695	L.Blue	M22	7/8"	-	21.5	72.2	100
41353	Natural	-	-	-	22.2	38.1	100
461727	Natural	M24	-	-	23.8	38.1	100
461728	Natural	-	-	-	24.6	38.1	100
461729	Natural	-	-	-	24.6	101.6	100
461730	Natural	-	1"	-	25.4	20.8	100
461731	Natural	-	1"	-	25.4	50.8	100
461892	Natural	-	1"	-	25.4	38.1	100
499685	Natural	-	-	-	27.0	50.8	100
461732	Natural	-	-	-	27.5	76.2	100
461893	Natural	M30	-	-	28.6	38.1	100
461733	Natural	-	-	-	30.1	59.0	100
1219729	Black	-	-	-	30.2	38.1	100
461734	Natural	M33	1¼"	1"	31.8	38.1	100
499686	Natural	-	-	-	34.3	44.5	100
1219730	Pink	-	-	-	38.1	25.4	50
461736	Natural	M39	1½"	-	38.1	38.1	100
461737	Natural	M39	1½"	-	38.1	44.5	100
461738	Natural	-	-	1¼"	41.3	50.8	50
461740	Natural	-	1¾"	-	44.5	50.8	50
461741	Natural	-	-	1½"	47.6	50.8	50
461742	Natural	-	-	-	50.8	50.8	50
461743	Natural	-	-	-	53.5	50.8	50

## High-Temperature Tubing

SR 1088

Natural Silicone Rubber

- Excellent solution for masking long studs and pins where caps are too short
- Standard wall thickness – 1.6mm
- Supplied on a roll



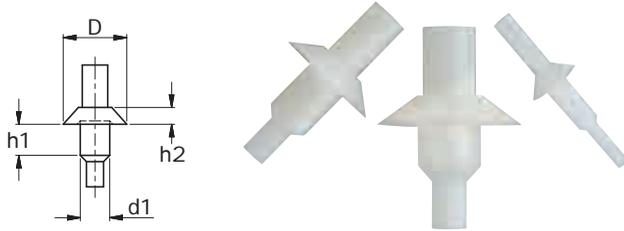
Part Number	d (mm)	Standard Pack Quantity
461431	1.0	10 x 1m
461432	1.6	10 x 1m
461433	2.0	10 x 1m
461434	2.4	10 x 1m
461435	2.8	10 x 1m
461436	3.2	10 x 1m
461437	3.6	10 x 1m
461438	4.0	10 x 1m
461439	4.4	10 x 1m
461440	4.7	10 x 1m
461441	5.2	10 x 1m
461443	5.9	10 x 1m
461444	6.4	10 x 1m
461445	7.1	10 x 1m
461446	7.9	10 x 1m
461447	8.7	10 x 1m

Part Number	d (mm)	Standard Pack Quantity
461448	9.5	10 x 1m
461449	10.3	10 x 1m
461450	11.1	10 x 1m
461451	12.7	10 x 1m
461452	15.9	10 x 1m
461453	19.1	10 x 1m
461454	22.2	10 x 1m
461455	23.8	10 x 1m
461456	25.4	10 x 1m
461457	28.6	5 x 1m
461458	31.8	5 x 1m
461459	34.9	5 x 1m
461460	38.1	5 x 1m
461461	41.3	5 x 1m
461463	47.6	5 x 1m
461464	50.8	5 x 1m

## Washer Pull Plug

SR5753

Silicone Rubber

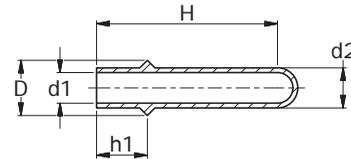


Part Number	Colour	Dimensions (mm)				Standard Pack Quantity
		D	d1	h2	h1	
35-UWPP-M3	Purple	10.0	2.7	2.7	9.9	250
35-UWPP-M4	Dark Green	10.0	3.6	3.5	9.9	250
35-UWPP-M5	Clear	10.0	4.5	2.7	9.9	250
35-UWPP-M6	White	15.0	5.4	4.2	9.9	250
35-UWPP-M8	Grey	15.0	7.2	4.2	9.9	250
35-UWPP-M10	Yellow	20.0	9.5	5.3	9.9	100
35-UWPP-M12	Pink	20.0	10.9	5.3	9.9	100
35-UWPP-500	Pink	12.7	4.2	2.7	9.9	250
35-UWPP-562	Yellow	14.3	4.9	2.7	9.9	250
35-UWPP-625	Dark Green	15.9	5.7	2.7	9.9	250
35-UWPP-688	Clear	17.5	7.2	4.2	9.9	250
35-UWPP-812	Grey	20.6	8.7	4.2	9.9	100
35-UWPP-922	White	23.4	10.2	5.3	9.9	100
35-UWPP-1060	Purple	26.9	11.7	6.3	8.0	100

## Cap with Flange

SR5754

Silicone Rubber

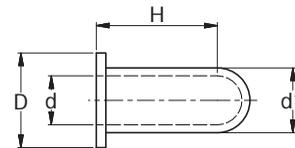


Part Number	Colour	Dimensions (mm)					Standard Pack Quantity
		d2	D	d1	H	h1	
35-SCF-M8	Yellow	7.4	12.0	4.5	31.0	12.0	250
35-SCF-M10	Pink	8.7	14.7	6.0	32.0	13.0	250
35-SCF-M12	Clear	10.7	15.8	8.0	45.0	14.0	250
35-SCF-M14	Grey	12.6	17.5	9.6	57.0	17.0	250

## Washer Cap

SR5756

Silicone Rubber

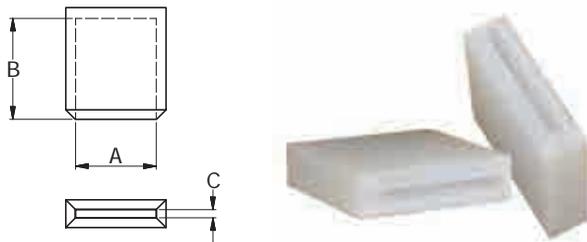


Part Number	Colour	Thread	Dimensions (mm)				Standard Pack Quantity
			D	d	d1	H	
35-WC125-0500	Clear	-	12.7	3.2	6.6	25.4	500
35-WC156-0500	Clear	-	12.7	4.0	8.1	25.4	500
35-WC172-0500	Clear	-	12.7	4.4	9.8	25.4	500
35-WC027-012	Green	M3	12.0	2.7	6.0	25.4	500
35-WC037-012	Pink	M4	12.0	3.7	6.5	25.4	500
35-WC046-015	Clear	M5	15.0	4.6	8.0	25.4	500
35-WC056-015	Red	M6	15.0	5.6	8.5	25.4	500
35-WC075-018	Black	M8	18.0	7.5	10.5	25.4	250
35-WC095-018	Yellow	M10	20.5	9.5	12.5	38.1	250
35-WC115-025	Clear	M12	25.0	11.5	16.5	38.1	250
35-WC155-031	Purple	M16	31.0	15.5	20.5	38.1	250
35-WC195-038	Grey	M20	38.0	19.5	24.5	38.1	250

## Blade Cap

SR5755

Natural Silicone Rubber



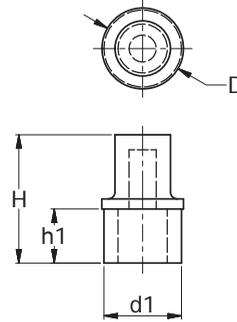
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
35-SCR1000	6.3	10.0	0.8	1000
35-SCR2000	11.7	7.1	0.9	1000
35-SCR3000*	12.5	17.5	1.2	1000
35-SCR4000*	6.3	11.6	0.8	1000
35-SCR5000*	11.9	9.5	1.0	1000

\*Black

## Hollow Thread Masking Plug

SR5750

Silicone Rubber



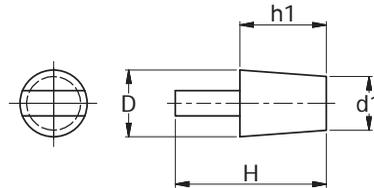
Part Number	Colour	Dimensions (mm)				Standard Pack Quantity
		d1	h1	H	D	
35-UTM-M3*	Red	2.7	5.3	20.8	3.5	1000
35-UTM-M4*	Pink	3.6	5.8	21.8	4.0	1000
35-UTM-M5*	Yellow	4.5	5.6	20.8	5.1	500
35-UTM-M6*	Clear	5.3	7.5	24.5	6.3	500
35-UTM-M8	Purple	7.2	7.5	22.8	8.4	500
35-UTM-M10	Pink	9.1	7.0	24.0	10.4	250
35-UTM-M12	Red	10.8	9.5	20.8	12.4	250
35-UTM-M16	Green	14.8	11.0	23.8	16.6	100
35-UTM-M20	Yellow	18.4	13.5	28.0	22.2	100
1219767	Black	20.2	16.0	38.0	22.2	100
35-UTM-M24	Grey	22.8	16.0	37.8	24.1	50

\*Not hollow

## Tapered Plug with Handle

SR5751

Silicone Rubber

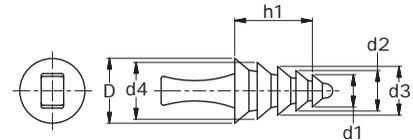


Part Number	Colour	Dimensions (mm)				Standard Pack Quantity
		d1	D	h1	H	
35-UP101H	Pink	1.6	4.8	15.9	25.4	1000
35-UP102H	Black	3.2	6.4	19.1	31.8	1000
35-UP103H	Red	4.8	8.7	15.9	28.7	1000
35-UP104H	Yellow	6.4	9.5	19.0	31.8	100
35-UP105H	White	6.4	9.5	12.8	25.4	100
35-UP00H	Purple	10.3	15.1	25.4	44.5	100
35-UP108H	Light Green	11.1	15.9	22.5	41.0	100
35-UP0H	Pink	12.7	16.7	22.2	41.3	100
35-UP2H	Dark Green	15.9	19.8	25.4	44.4	100
35-UP3H	Yellow	18.3	23.8	25.4	44.4	100
35-UP4H	Grey	19.0	25.4	25.4	44.4	100
35-HUP5H	Light Green	23.0	27.0	25.4	44.4	100
35-HUP6H	Dark Green	26.2	31.8	25.4	44.4	100
35-HUP7H	Blue	30.2	36.5	25.4	44.4	50
35-HUP10H	Clear	41.3	50.0	25.4	44.4	25
35-HUP11H	Dark Blue	47.6	56.0	25.4	44.4	25

## Multi Flange Plug

SR5748

Silicone Rubber

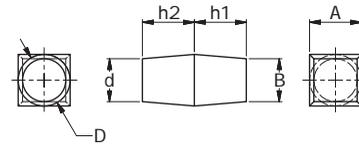


Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		d1	d2	d3	d4	D	h1	
35-UMFP-4-10	Blue	4.0	6.0	8.0	10.0	-	11.0	250
35-UMFP-8-16	Red	8.0	10.0	12.0	14.0	16.0	19.5	100
35-UMFP-10-18	Green	10.0	12.0	14.0	16.0	18.0	19.5	100

## Dual Purpose Pull Plug

SR5749

Silicone Rubber

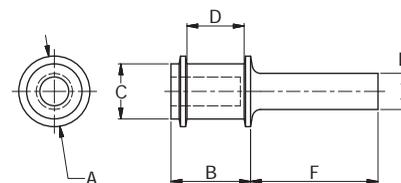


Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		h2	B	A	h1	d	D	
35-UDPP-0500	Blue	15.9	9.5	12.7	15.9	9.5	12.7	250
35-UDPP-0625	Green	19.1	12.7	15.9	19.1	12.7	15.9	250
35-UDPP-0750	Black	19.1	15.9	19.1	19.1	15.9	19.1	250
35-UDPP-1000	Red	25.4	22.2	25.4	25.4	22.2	25.4	250

## Dual Flange Pull Plug

SR5752

Silicone Rubber



Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		A	B	C	D	E	F	
35-DFPP-M6	Green	7.8	10.3	5.0	6.7	5.0	20.4	500
35-DFPP-M8	Red	9.5	11.6	6.7	8.0	3.8	20.5	500
35-DFPP-M10	Green	11.3	12.5	8.5	9.0	3.8	20.4	500
35-DFPP-M12	Purple	13.0	15.2	10.3	11.6	5.6	26.8	250
35-DFPP-M16	White	17.4	17.5	13.6	14.0	8.9	31.2	100
35-DFPP-M20	Blue	21.0	21.6	17.0	18.0	12.3	34.4	100

# INNOVATIVE SOLUTIONS FOR **PRECISION MASKING** TO SAVE TIME AND REDUCE LABOUR COSTS

- Custom design to suit many applications
- Quick and easy to apply and to remove
- Efficient and effective



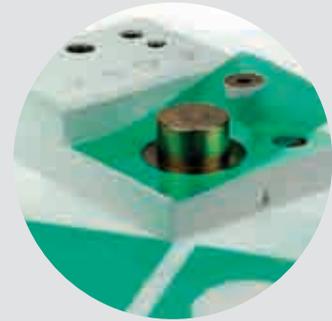
## VACUUM FORMED PLASTIC COVERS

- Consistent positioning with magnetic attachments
- Perfect for masking complex profiles
- Re-useable



## CUSTOM DIE-CUT MAGNETIC SHAPES

- Choice of thickness and texture



## CUSTOM DIE-CUT ADHESIVE SHEETS

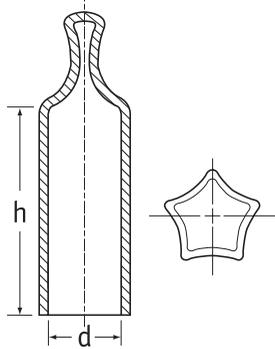
- Selection of masking films on a polyester liner
- Choice of thickness to adapt to your design
- Silicone adhesive for high temperature applications

## Multi-Flex Caps

SR 1072

Yellow Flexible PVC

- Easy fitting and removal
- Plain or threaded applications
- Unique design fits a range of diameters



Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
MFYJ-090-025	M10	3/8"	3/8"	9.0-11.0	25.0	500
MFYJ-110-025	M12	1/4"	7/16", 1/2"	11.0-13.5	25.0	500
MFYJ-135-030*	M14	-	9/16", 5/8"	13.5-16.5	30.0	500
MFYJ-165-040*	M16, M18	3/8"	3/4"	16.5-20.0	40.0	250
MFYJ-200-050*	M20, M22, M24	1/2", 5/8"	7/8"	20.0-24.0	50.0	100

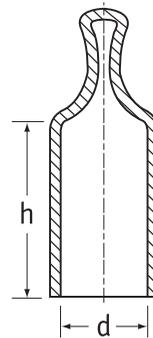
\*Six-sided design

## Pull-Tab Flexicaps

SR 1066

Yellow Flexible PVC

- Easy fitting and removal

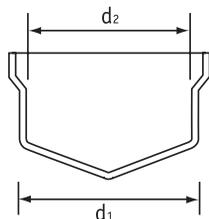


## Flexiplugs

SR 1070

Yellow Flexible PVC

- Resistant to tearing, splitting and shredding



Part Number	Dimensions (mm)		To Fit Thread Size		Standard Pack Quantity
	d1	d2	Metric	UNF	
FPYJ-072	7.2	4.4	M8	5/16"	5000
FPYJ-091	9.1	6.4	M10	3/8"	5000
FPYJ-103	10.3	7.5	-	7/16"	5000
FPYJ-118	11.8	9.0	M12	1/2"	5000

Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
PCYJ-0048-013	M4	-	-	4.8	13.0	5000
PCYJ-0061-013	-	-	1/4"	6.1	13.0	5000
PCYJ-0053-013	M6	-	7/32"	5.3	13.0	5000
PCYJ-0075-013	-	-	-	7.5	13.0	5000
PCYJ-0077-013	M8	-	9/16"	7.7	13.0	7500
PCYJ-0077-025	-	-	-	7.7	25.0	5000
PCYJ-0093-013	M10	1/8"	3/8"	9.3	13.0	5000
PCYJ-0093-025	-	-	-	9.3	25.0	5000
PCYJ-0097-013	-	-	-	9.7	13.0	2500
PCYJ-0097-025	-	-	-	9.7	25.0	2500
PCYJ-0111-025	-	-	-	11.1	25.0	2500
PCYJ-0119-013	M12	-	1/2"	11.9	13.0	5000
PCYJ-0119-025	-	-	-	11.9	25.0	5000
PCYJ-0124-013	-	1/4"	1/2"	12.4	13.0	5000
PCYJ-0132-013	M14	-	1 1/32"	13.2	13.0	5000
PCYJ-0132-025	-	-	-	13.2	25.0	2500
PCYJ-0143-025	M15	-	9/16"	14.3	25.0	2500
PCYJ-0153-013	M16	-	-	15.3	13.0	2500
PCYJ-0153-025	-	-	-	15.3	25.0	2000
PCYJ-0159-025	-	3/8"	5/8"	15.9	25.0	2000
PCYJ-0163-025	-	-	-	16.3	25.0	1250
PCYJ-0188-013	M20	-	3/4"	18.8	13.0	2500
PCYJ-0188-025	-	-	-	18.8	25.0	1250
PCYJ-0200-025	-	-	-	20.0	25.0	2500
PCYJ-0206-013	M22	1/2"	1 3/16"	20.6	13.0	2500
PCYJ-0206-025	-	-	-	20.6	25.0	2000
PCYJ-0238-025	-	-	-	23.8	25.0	1500
PCYJ-0251-025	M26	-	1"	25.1	25.0	1000
PCYJ-0269-025	-	-	-	26.9	25.0	1500
PCYJ-0381-050	M39	-	1 1/2"	38.1	50.0	350
PCYJ-0508-050	-	2"	-	50.8	50.0	200

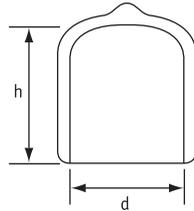
# FLEXIBLE PVC CAPS AND PLUGS (+210°C)

## Yellow Flexicaps

SR 1044

### Yellow Flexible PVC

- Flexible, durable caps for a multitude of uses
- Attractive vinyl appearance – suitable for finished applications



Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCYJ-0020-013	-	-	-	2.0	13.0	5000
FCYJ-0028-013	M3	-	-	2.8	13.0	5000
FCYJ-0032-013	M3	-	-	3.2	13.0	5000
FCYJ-0036-013	M4	-	-	3.6	13.0	5000
FCYJ-0039-013	-	-	-	3.9	13.0	5000
FCYJ-0039-025	-	-	-	3.9	25.0	5000
FCYJ-0044-013	M5	-	3/16"	4.4	13.0	5000
FCYJ-0044-019	M5	-	3/16"	4.4	19.0	5000
FCYJ-0044-025	M5	-	3/16"	4.4	25.0	5000
FCYJ-0048-013	M5	-	3/16"	4.8	13.0	5000
FCYJ-0048-025	M5	-	3/16"	4.8	25.0	5000
FCYJ-0052-013	-	-	-	5.2	13.0	5000
FCYJ-0055-013	-	-	-	5.5	13.0	5000
FCYJ-0055-025	-	-	-	5.5	25.0	5000
FCYJ-0059-013	M6	-	1/4"	5.9	13.0	5000
FCYJ-0059-025	M6	-	1/4"	5.9	25.0	5000
FCYJ-0064-013	-	-	1/4"	6.4	13.0	5000
FCYJ-0064-025	-	-	-	6.4	25.0	5000
FCYJ-0070-013	-	-	-	7.0	13.0	5000
FCYJ-0077-013	M8	-	5/16"	7.7	13.0	5000
FCYJ-0077-019	M8	-	5/16"	7.7	19.0	5000
FCYJ-0077-025	M8	-	5/16"	7.7	25.0	5000
FCYJ-0079-013	M8	-	5/16"	7.9	13.0	5000
FCYJ-0079-019	M8	-	5/16"	7.9	19.0	5000
FCYJ-0079-025	M8	-	5/16"	7.9	25.0	5000
FCYJ-0083-025	-	-	-	8.3	25.0	2500
FCYJ-0087-013	-	-	-	8.7	13.0	5000
FCYJ-0087-019	-	-	-	8.7	19.0	5000
FCYJ-0095-013	M10	1/8"	3/8"	9.5	13.0	5000
FCYJ-0095-019	M10	1/8"	3/8"	9.5	19.0	5000
FCYJ-0095-025	M10	1/8"	3/8"	9.5	25.0	5000
FCYJ-0103-013	-	-	-	10.3	13.0	5000
FCYJ-0103-025	-	-	-	10.3	25.0	2500
FCYJ-0111-013	M12	-	7/16"	11.1	13.0	5000
FCYJ-0111-019	M12	-	7/16"	11.1	19.0	5000
FCYJ-0111-025	M12	-	7/16"	11.1	25.0	2500
FCYJ-0119-013	M12	-	1/2"	11.9	13.0	5000
FCYJ-0119-019	M12	-	1/2"	11.9	19.0	2500
FCYJ-0119-025	M12	-	1/2"	11.9	25.0	2500
FCYJ-0127-013	-	1/4"	1/2"	12.7	13.0	5000
FCYJ-0127-019	-	1/4"	1/2"	12.7	19.0	2500

Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
FCYJ-0135-013	M14	1"	-	13.5	13.0	5000
FCYJ-0135-025	M14	1"	-	13.5	25.0	5000
FCYJ-0138-013	M14	1"	-	13.8	13.0	2500
FCYJ-0138-025	M14	-	-	13.8	25.0	2500
FCYJ-0143-013	M15	-	9/16"	14.3	13.0	5000
FCYJ-0143-025	M15	-	9/16"	14.3	25.0	5000
FCYJ-0152-013	-	-	-	15.2	13.0	5000
FCYJ-0152-019	-	-	-	15.2	19.0	5000
FCYJ-0159-013	M16	-	-	15.9	13.0	5000
FCYJ-0159-019	M16	-	-	15.9	19.0	2500
FCYJ-0159-025	M16	-	-	15.9	25.0	2500
FCYJ-0174-013	M18	3/8"	-	17.4	13.0	2500
FCYJ-0174-019	M18	3/8"	-	17.4	19.0	2000
FCYJ-0174-025	M18	3/8"	-	17.4	25.0	2000
FCYJ-0191-013	M20	-	3/4"	19.1	13.0	2500
FCYJ-0191-019	M20	-	3/4"	19.1	19.0	2500
FCYJ-0191-025	M20	-	3/4"	19.1	25.0	2500
FCYJ-0199-025	-	-	-	19.9	25.0	2500
FCYJ-0206-013	-	-	-	20.6	13.0	2500
FCYJ-0206-025	-	-	-	20.6	25.0	1250
FCYJ-0206-038	-	-	-	20.6	38.0	1000
FCYJ-0214-013	M22	1/2"	-	21.4	13.0	5000
FCYJ-0214-025	M22	1/2"	-	21.4	25.0	1250
FCYJ-0222-025	-	1/2"	7/8"	22.2	25.0	2500
FCYJ-0222-038	-	-	7/8"	22.2	38.0	1250
FCYJ-0238-013	M24	-	1"	23.8	13.0	5000
FCYJ-0238-025	M24	3/8"	1"	23.8	25.0	1250
FCYJ-0238-038	M24	3/8"	1"	23.8	38.0	1000
FCYJ-0246-025	M25	-	1"	24.6	25.0	1000
FCYJ-0246-038	M25	-	-	24.6	38.0	1000
FCYJ-0254-013	-	-	-	25.4	13.0	2500
FCYJ-0254-025	-	-	-	25.4	25.0	1000
FCYJ-0263-013	M27	-	-	26.3	13.0	1000
FCYJ-0263-025	M27	-	-	26.3	25.0	1000
FCYJ-0269-013	M27	-	-	26.9	13.0	4000
FCYJ-0269-025	M27	3/4"	-	26.9	25.0	1500
FCYJ-0269-038	M27	3/4"	-	26.9	38.0	1000
FCYJ-0286-025	M30	-	1 1/8"	28.6	25.0	1000
FCYJ-0286-038	M30	-	1 1/8"	28.6	38.0	500
FCYJ-0302-025	-	-	-	30.2	25.0	1000
FCYJ-0302-038	-	7/8"	-	30.2	38.0	1000
FCYJ-0302-050	-	7/8"	-	30.2	50.0	500
FCYJ-0318-025	-	7/8"	1 1/4"	31.8	25.0	1000
FCYJ-0318-038	-	7/8"	1 1/4"	31.8	38.0	1000
FCYJ-0318-050	-	7/8"	1 1/4"	31.8	50.0	500
FCYJ-0349-025	M35	-	1 1/4"	34.9	25.0	1000
FCYJ-0349-038	M35	-	1 1/4"	34.9	38.0	650
FCYJ-0349-050	M35	-	1 1/4"	34.9	50.0	500
FCYJ-0381-025	M39	-	1 1/2"	38.1	25.0	1000
FCYJ-0381-038	M39	-	1 1/2"	38.1	38.0	600
FCYJ-0381-050	M39	-	1 1/2"	38.1	50.0	500
FCYJ-0413-025	M42	1 1/4"	-	41.3	25.0	900
FCYJ-0413-038	M42	1 1/4"	-	41.3	38.0	500
FCYJ-0413-050	M42	1 1/4"	-	41.3	50.0	400
FCYJ-0445-025	M45	1 3/8"	-	44.5	25.0	500
FCYJ-0445-038	M45	1 3/8"	-	44.5	38.0	500
FCYJ-0445-050	M45	1 3/8"	-	44.5	50.0	400
FCYJ-0476-025	M48	1 1/2"	-	47.6	25.0	625
FCYJ-0476-050	-	1 1/2"	-	47.6	50.0	350
FCYJ-0508-025	-	-	2"	50.8	25.0	550
FCYJ-0508-050	-	-	2"	50.8	50.0	200

## Paper Tapered Cap

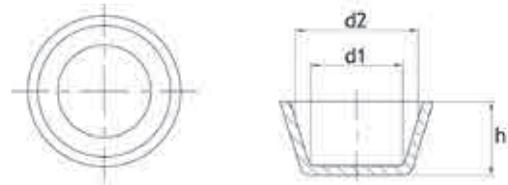
SR 6114

### Crepe Paper

- Suitable for painting or powder coating applications
- Can withstand temperatures up to +205°C
- Cost-effective alternative to silicone
- Made from a blend of post-consumer and virgin materials
- Recyclable



Part Number	Dimensions (mm)			Standard Pack Quantity
	d1	d2	h	
491530	9.0	10.1	10.1	2500
491532	12.3	19.0	22.4	2900
491534	19.7	21.2	19.5	1000
491535	20.6	24.2	21.2	500
491536	24.1	27.3	22.5	500
491537	28.6	33.0	18.2	500
491539	33.3	38.6	17.8	200
491540	36.7	41.2	20.6	200
491541	41.0	42.8	21.5	300
491542	42.5	51.1	18.3	250
491543	46.4	48.0	23.9	180
491544	59.1	59.5	22.0	140
491545	65.7	72.3	24.5	100
491546	71.8	72.3	24.6	100
491547	84.2	92.2	28.3	100



## Paper Tapered Plug

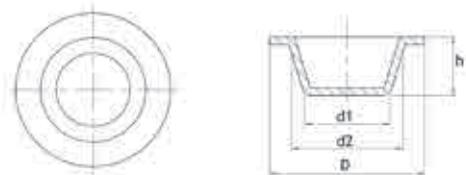
SR 6113

### Crepe Paper

- Suitable for painting or powder coating applications
- Can withstand temperatures up to +205°C
- Cost-effective alternative to silicone
- Made from a blend of post-consumer and virgin materials
- Recyclable



Part Number	Dimensions (mm)				Standard Pack Quantity
	d1	d2	D	h	
491551	9.4	11.9	16.0	9.1	2200
491553	11.9	14.6	19.3	10.6	1350
491555	13.2	16.1	22.1	10.7	1500
491556	14.7	17.7	22.0	12.2	1600
491558	17.2	20.8	26.3	13.5	1050
491559	19.8	22.3	30.0	14.8	720
491560	21.8	24.1	32.9	17.5	500
491561	23.3	28.3	35.0	13.8	620
491562	25.4	31.4	38.8	19.3	500
491563	29.8	36.5	44.0	16.1	500
491565	34.6	40.7	47.8	14.6	470
491567	38.0	45.1	53.8	17.5	500
491568	43.8	52.4	61.7	17.2	450
491570	50.2	58.4	74.2	26.1	200
491571	56.3	63.5	74.5	16.3	200
491572	67.0	79.9	90.7	19.1	130
491573	83.2	91.4	103.9	18.7	100

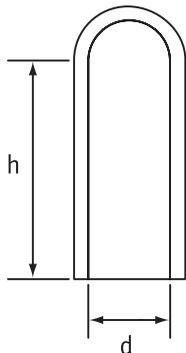


# EPDM (+180°C) AND TPE (+95°C) CAPS AND PLUGS

## High-Temperature Caps

SR 1095

Black EPDM



- Fit over studs, pins or tube ends providing an excellent masking solution
- Can be also used as plug to mask threaded and non-threaded holes
- Standard wall thickness – 1.5mm, \*items 2.1mm

Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
461744	-	-	-	0.5	12.7	1000
461745	-	-	1/16"	1.6	19.1	1000
461746	-	-	1/8"	1.8	25.4	1000
461747	-	-	-	2.4	19.1	1000
461748	-	-	-	2.4	25.4	1000
461749	-	-	-	2.5	12.7	1000
461750	-	-	-	2.5	25.4	1000
461751	M3	-	-	2.8	19.1	1000
461752	M3	-	-	2.8	25.4	1000
461753	-	-	-	3.2	12.7	1000
461754	-	-	-	3.2	25.4	1000
461755	-	-	-	3.5	12.7	500
461756	-	-	-	3.5	25.4	500
461757	M4	-	-	3.8	19.1	500
461758	M4	-	-	3.8	25.4	250
461759	M4	-	-	4.0	12.7	250
461760	M4	-	-	4.0	25.4	250
461761	M4	-	-	4.0	38.1	250
461762	-	-	3/16"	4.4	12.7	250
461763	-	-	3/16"	4.4	25.4	250
461764	-	-	3/16"	4.4	38.1	250
461766	M5	-	-	4.8	12.7	250
461767	M5	-	-	4.8	25.4	250
1437911*	-	-	-	4.9	25.5	250
461768	-	-	-	5.5	25.4	250
461769	M6	-	-	5.7	12.7	250
461770	M6	-	-	5.7	25.4	250
461771	M6	-	-	5.7	38.1	250
461772	M6	-	1/4"	5.9	12.7	250
1437910*	-	-	1/4"	5.9	21.0	250
461773	M6	-	1/4"	5.9	25.4	250
461774	M6	-	1/4"	5.9	38.1	250
461775	-	-	-	6.4	25.4	250
461776	-	-	-	6.4	38.1	250
461777	-	-	5/16"	7.1	12.7	250
461778	-	-	5/16"	7.1	25.4	250
461779	M8	1/16"	5/16"	7.5	38.1	250
1437912*	-	-	-	7.9	20.0	250
461780	M8	-	-	7.9	25.4	250
461781	M8	-	-	7.9	38.1	250
461782	-	-	-	8.7	25.4	250
461783	-	-	-	9.0	38.1	250
461784	M10	1/8"	-	9.5	12.7	250
461785	M10	1/8"	-	9.5	19.1	250
461786	M10	1/8"	-	9.5	25.4	250
461787	M10	1/8"	-	9.5	38.1	250
461788	-	-	-	10.3	25.4	250
461789	-	-	7/16"	11.1	25.4	200

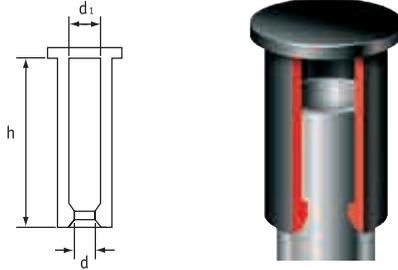
Part Number	To Fit Thread Size			Dimensions (mm)		Standard Pack Quantity
	Metric	BSP	UNF	d	h	
461790	-	-	-	11.6	25.4	100
461791	M12	-	-	11.6	38.1	100
461792	M12	-	1/2"	11.9	25.4	100
461793	-	-	1/2"	12.2	38.1	100
461794	-	1/4"	1/2"	12.7	38.1	100
461795	-	1/4"	1/2"	12.7	76.2	100
461796	-	1/4"	1/2"	12.7	101.6	100
461797	M14	-	-	13.6	38.1	100
461798	M14	-	-	13.6	76.2	100
461799	M15	-	-	14.3	16.7	100
461801	M15	-	-	14.3	38.1	100
461802	-	-	-	15.2	38.1	100
461803	M16	3/8"	3/8"	15.9	31.8	100
461804	M16	3/8"	5/8"	15.9	38.1	100
461805	M16	3/8"	3/8"	15.9	57.2	100
461806	-	-	-	17.5	15.9	100
461807	-	-	-	17.5	38.1	100
461808	-	-	-	17.5	44.5	100
461809	-	-	-	17.5	63.5	100
461810	-	-	-	18.5	38.1	100
461811	-	-	-	18.5	109.9	100
461812	M20	-	3/4"	19.1	38.1	100
461813	M20	-	3/4"	19.1	48.9	100
461814	M20	-	3/4"	19.1	88.9	100
461815	M20	-	3/4"	19.1	109.2	100
461816	M22	1/2"	7/8"	20.6	25.4	100
461817	M22	1/2"	7/8"	20.6	38.1	100
461818	M22	-	7/8"	21.5	72.2	100
461819	-	-	-	22.2	38.1	100
461820	M24	-	-	23.8	38.1	100
461821	-	-	-	24.6	38.1	100
461822	-	-	-	24.6	101.6	100
461823	M27	-	1"	25.4	20.8	100
461824	M27	-	1"	25.4	38.1	100
461825	M27	-	1"	25.4	50.8	100
461826	-	-	-	27.5	76.2	100
461827	M30	-	-	28.6	38.1	100
461828	-	-	-	30.1	59.0	100
461829	M33	1"	1 1/4"	31.8	38.1	100
461830	M39	-	1 1/2"	38.1	25.4	100
461831	M39	-	1 1/2"	38.1	38.1	100
461832	M39	-	1 1/2"	38.1	44.5	100
461833	-	1 1/4"	-	41.3	50.8	50
461834	-	-	1 3/4"	44.5	38.1	50
461835	-	-	1 3/4"	44.5	50.8	50
461836	-	1 1/2"	-	47.6	50.8	50
461837	-	-	-	50.8	50.8	50
461838	-	-	-	53.5	50.8	50

## High-Temperature EzeCaps

SR 1096

Black EPDM

- Internal seal prevents paint ingress
- Flanged for easy removal



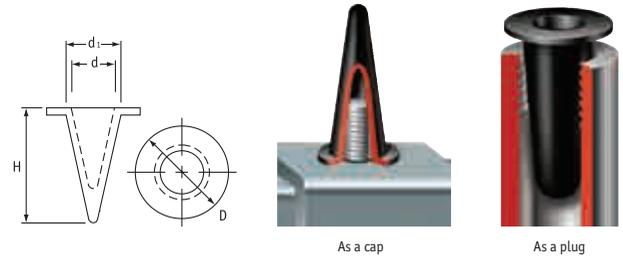
Part Number	Dimensions (mm)			Standard Pack Quantity
	d	d1	h	
461867	4.0	7.2	30.0	500
461869	4.8	7.9	35.0	500
461871	6.0	9.2	30.0	500
461872	6.5	9.7	23.1	500
461874	7.5	10.6	33.8	200
461875	8.0	11.2	24.7	250
461879	11.5	14.6	30.9	250
461880	12.3	15.5	25.7	250
461881	13.5	16.7	30.0	250
461882	15.4	18.6	30.0	250
496729	17.0	23.0	40.0	250
496730	23.0	30.0	50.0	250
496731	29.0	36.0	50.0	250

## High-Temperature Cone Caps/Plugs

SR 1091

Black EPDM

- Versatile dual role: cap masks exposed studs; plug masks exposed holes
- As plug, components can be held by painting hooks

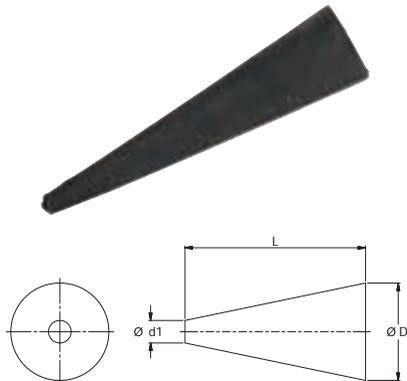


Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d	d1	H	
461894	12.7	3.3	6.3	23.0	1000
461895	12.7	5.5	8.0	25.4	1000
461896	15.9	4.5	8.5	25.4	1000
461897	16.5	5.0	10.0	28.0	1000
461898	16.1	5.8	10.1	27.9	1000
461899	19.1	8.0	14.0	36.0	1000
461900	24.9	11.5	17.5	38.1	250
461901	27.9	13.5	19.5	51.0	200
461903	31.0	16.0	22.0	53.0	200

## One Time Plugs

SR 1498

Thermoplastic Rubber (+125°C)



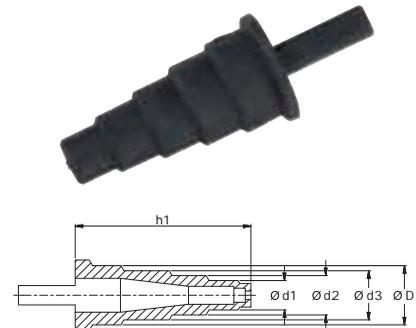
Part Number	Dimensions (mm)			Standard Pack Quantity
	D	d1	L	
36-EG100	9.5	3.2	31.8	2500
36-EG200	12.7	3.2	50.8	1500

## Universal Plug

SR 1499

Thermoplastic Rubber (+125°C)

- Designed to mask holes without masking the surrounding area
- Pull-tab allows easy installation and removal



Part Number	Dimensions (mm)						Standard Pack Quantity
	d1	d2	d3	d4	D	h1	
36-38110	5.2	7	8.7	-	10.5	31.0	2500
36-38120	7.0	8.7	10.5	12.4	14.2	32.5	1250

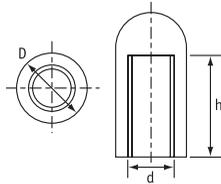
# EPDM (+180°C) AND TPE (+95°C) CAPS AND PLUGS

## End Tips

SR 1501

Black Thermoplastic Elastomer

- Versatile end tips for a multitude of uses



Part Number	Dimensions (mm)			Standard Pack Quantity
	d	h	D	
15000	2.4	6.6	5.6	20000
110608	2.4	12.2	6.3	20000
15001	2.9	12.2	6.3	20000
15002	3.2	5.3	5.5	20000
15003	3.2	14.2	7.0	20000
15004	3.2	9.7	5.5	20000
110594	3.0	9.7	5.5	20000
15005	4.0	13.4	6.3	20000
110595	4.0	9.7	5.5	20000
15007	4.8	14.2	7.0	20000
15200	5.0	20.3	7.9	10000
10779	6.0	11.0	8.5	20000
15008	6.3	15.5	8.7	20000
15203*	6.4	10.4	7.9	20000
15204*	6.4	13.2	9.5	20000
15209	7.0	18.0	9.8	10000
15011	7.6	17.0	11.0	10000
15205*	7.9	13.2	9.5	20000
15010	8.0	24.2	10.5	5000
15206*	9.5	13.3	11.1	15000

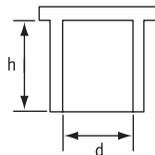
\*Flat Head

## Stud Protection Caps

SR 1026

Black Thermoplastic Elastomer

- Ideal for protecting exposed studs



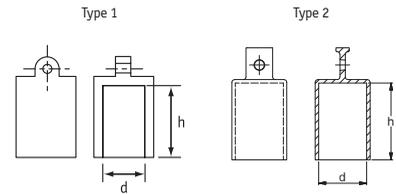
Part Number	Dimensions (mm)		Standard Pack Quantity
	d	h	
15175	4.4	12.7	10000
15207	4.8	41.3	8000
15208	6.4	41.3	7000
15176	7.9	19.1	10000
15178	9.1	27.2	7000
15179	11.1	23.8	3000
15180	11.9	28.6	4000
15182	12.7	27.3	4000

## Moss Caps

SR 1021

Black Thermoplastic Elastomer

- Good resistance to acids
- Can be used with Moss Support Hooks

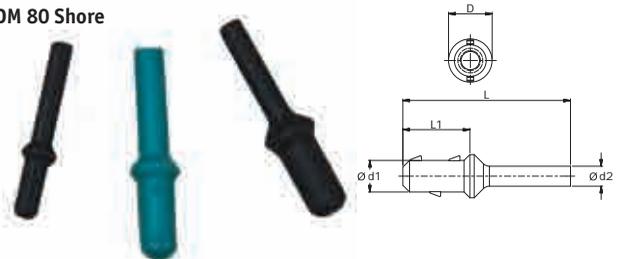


Part Number	Type	Dimensions (mm)		Standard Pack Quantity
		d	h	
1340242	2	4.0	24.0	10000
12200	1	5.0	23.5	10000
1341946	2	6.0	25.0	10000
1287248	2	7.0	24.0	10000
1287251	2	8.0	24.5	8000
12204	1	9.0	25.0	7000
1341978	2	10.0	29.5	5000
1341987	2	11.0	29.0	4500
12207	1	12.0	29.0	4000
1341981	2	13.0	29.0	3500
12209	1	14.0	29.5	3000
12210	1	15.0	29.5	2500
12211	1	16.0	28.0	2500
12212	1	17.0	29.5	2000
12213	2	18.0	28.5	2000
1287245	2	19.0	29.5	2000
1341984	2	20.0	28.5	1600
12216	1	21.0	34.5	1300
12217	2	22.0	34.0	1200
12218	2	23.0	34.5	1000
1341988	2	24.0	34.0	1000
12220	2	25.0	34.5	1000
12221	2	26.0	34.5	900
12222	2	27.0	33.5	900
1287254	2	28.0	33.5	800
12224	2	29.0	35.0	800
1287243	2	30.0	34.5	600

## Push Plug

SR 1028

EPDM 80 Shore



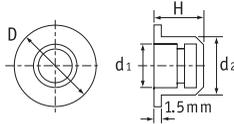
Part Number	Colour	Dimensions (mm)					Standard Pack Quantity
		d1	d2	D	L1	L	
1219764	Black	2.2	-	3.2	6.0	17.0	1000
1219765	Green	3.0	2.4	4.2	8.0	20.0	1000
1219766	Black	3.8	2.4	5.2	8.0	20.0	1000

## Moss Plugs

SR 1014

Black Thermoplastic Elastomer

- Acid-resistant



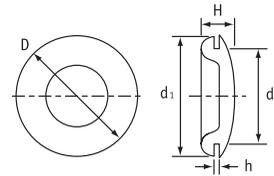
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	H	d1	d2	
18071	7.0	9.0	1.6	3.2	10000
12049	11.0	12.0	3.2	5.0	10000
12050	12.0	12.0	3.1	6.0	10000
12051	13.0	12.0	4.5	7.0	10000
12052	14.0	12.0	4.9	8.0	10000
12053	15.0	12.0	6.1	9.0	10000
12054	16.0	12.0	7.0	10.0	10000
12055	17.0	12.0	8.2	11.0	10000
12056	20.0	12.0	9.2	12.0	8000
12057	21.0	14.0	10.2	13.0	8000
12058	22.0	14.0	11.0	14.0	7000
12059	23.0	14.0	12.2	15.0	6000
12060	24.0	14.0	12.9	16.0	6000
12061	27.0	14.0	14.0	17.0	5000
12062	28.0	14.0	15.0	18.0	4000
12063	29.0	14.0	16.1	19.0	4000
12064	30.0	14.0	17.2	20.0	4000
12065	31.0	14.0	18.3	21.0	3000
12066	32.0	14.0	19.0	22.0	3000
12067	33.0	14.0	20.1	23.0	3000
12068	34.0	16.0	21.6	24.0	2500
12069	35.0	16.0	22.2	25.0	2000
12070	36.0	16.0	23.5	26.0	2000
12071	37.0	16.0	23.6	27.0	2000
12072	38.0	16.0	25.2	28.0	2000
12074	40.0	16.0	27.9	30.0	1000
12501	50.0	22.0	36.4	40.0	700
12502	57.0	22.0	43.2	47.0	500

## Blanking Plugs

SR 1751

Black Thermoplastic Elastomer

- Acid-resistant



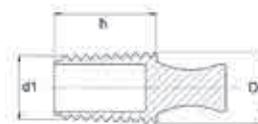
Part Number	Dimensions (mm)					Standard Pack Quantity
	D	d1	d2	h	H	
15150	9.3	9.3	4.7	1.6	4.6	10000
15151	9.5	9.5	6.4	1.6	5.0	10000
15155	17.7	12.8	11.2	1.6	6.2	10000
15157	18.7	15.5	12.7	1.6	5.6	5000
15158	20.0	18.4	14.9	1.3	7.0	10000
15159	22.0	19.0	15.5	1.6	7.5	5000
15160	25.0	21.5	19.0	1.6	6.5	5000
15161	25.0	21.5	20.0	1.6	6.5	5000
15162	28.5	26.6	22.2	2.4	8.2	3000
15164	30.0	27.5	24.5	2.4	8.7	2000
15166	32.0	28.3	25.4	1.6	9.0	3000
15165	32.0	28.3	25.4	2.4	9.0	3000
15170	38.2	35.4	32.0	3.1	7.15	2000
15168	38.2	35.4	31.5	1.6	7.5	2000
15171	43.7	43.0	38.2	1.6	8.2	1500
15172	57.5	52.6	51.5	1.6	12.4	1000

## Flangeless Plugs

SR 1034

Black Thermoplastic Elastomer

- Protect hole without masking surrounding area
- Each size fits a range of threads



Part Number	Dimensions (mm)			Standard Pack Quantity
	d1	D	h	
10510†	1.5	3.2	15.0	10000
10398†	3.0	5.0	15.0	10000
18409†	4.0	6.0	25.0	6000
18410	6.0	8.0	25.0	6000
18411*	8.0	10.0	25.0	4000
18412*	10.0	12.0	25.0	4000
18413*	12.0	14.0	25.0	4000
18414	14.0	16.0	25.0	4000
18415	16.0	18.0	25.0	2000

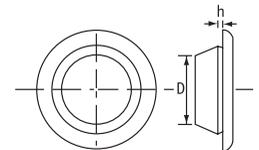
\*Also available with plain shank. † Plain shank only.

## Body Plugs

SR 1765

Black Thermoplastic Elastomer

- Each size covers a range of panel thicknesses
- Quick to fit



Part Number	Dimensions (mm)		Standard Pack Quantity
	Panel Hole Size D	Panel Thickness h	
16230	10.0	0.8-2.0	5000
16231	12.0	0.8-2.0	5000
16232	14.0	0.8-2.0	5000
16233	16.0	0.8-2.0	5000
16234	18.0	0.8-2.0	2500
16235	20.0	0.8-2.0	2500
16236	22.0	0.8-2.0	2500
16237	25.0	0.8-2.0	3000
16238	30.0	0.8-2.0	2000
10517	45.0	0.8-2.0	1000

# EPDM (+180°C) AND TPE (+95°C) CAPS AND PLUGS

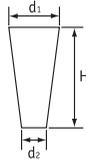
## High-Temperature Plugs

SR 1089

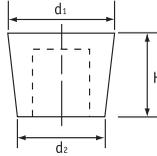
Black EPDM



Type 1



Type 2



### Type 1

- Recommended for plating, anodizing, spray painting and other finishing applications
- Excellent sealing capacity
- Ideal for plain and threaded holes

### Type 2

- Cost-effective solution for larger sizes due to hollowed centre
- More flexible than solid plugs allowing easier application

Part Number	Type	To Fit Thread Size			Dimensions (mm)			Standard Pack Quantity
		Metric	UNF	BSP	d1	d2	H	
461526	1	M2	-	-	2.0	0.5	19.1	1000
461527	1	M2	-	-	3.2	0.8	15.9	1000
461528	1	M3	-	-	3.2	1.6	15.9	1000
461529	1	M3, M4	-	-	4.8	1.6	15.9	1000
461530	1	M3, M4	-	-	4.8	1.6	19.1	1000
461531	1	M3, M4, M5	-	-	5.5	1.2	38.1	1000
461532	1	M5, M6	¼"	-	6.4	3.2	19.1	1000
461533	1	M5, M6	¼"	-	6.4	3.2	25.4	1000
461534	1	M7, M8	⅜"	⅜"	8.7	4.8	15.9	1000
461535	1	M7, M8	⅜"	⅜"	8.7	4.8	25.4	1000
461536	1	M10	⅜"	⅜"	9.5	6.4	12.7	100
461537	1	M10	⅜"	⅜"	9.5	6.4	19.1	100
461538	1	M12	⅞"	-	11.1	8.7	17.5	100
461539	1	M10, M12	⅞"	⅜"	11.1	6.4	25.4	100
461540	1	M12	⅞"	-	11.9	8.7	20.6	100
461541	1	M10, M12, M14	⅞", ½", ⅜"	¼"	14.3	7.9	28.6	100
461542	1	M10, M12, M14	⅞", ½", ⅜"	¼"	14.3	7.9	25.4	100
461543	1	M14, M16	½", ⅜"	-	15.1	10.3	25.4	100
461544	1	M14, M16	⅜", ⅜"	⅜"	15.9	11.1	22.2	100
461545	1	M16	⅝"	⅜"	16.7	12.7	25.4	100
461546	1	M14, M16, M18	⅝"	⅜"	17.5	11.1	25.4	100
461547	1	M18, M20	¾"	-	19.1	14.3	14.3	100
461548	1	M18, M20	¾"	-	19.1	14.3	25.4	100
461549	1	M20	¾"	½"	19.8	15.9	25.4	100
461550	1	M20, M22	¾"	½"	20.3	15.9	15.9	100
461551	1	M22, M24	⅞"	-	23.5	19.1	19.1	100

Part Number	Type	To Fit Thread Size			Dimensions (mm)			Standard Pack Quantity
		Metric	UNF	BSP	d1	d2	H	
461552	1	M22, M24	⅞"	-	23.8	18.3	25.4	100
461553	1	M24, M27	1"	¾"	25.4	19.8	25.4	100
461554	1	M27	-	-	27.0	23.0	25.4	100
461555	1	M30	1⅜"	-	27.9	23.8	25.4	100
461556	1	M33	1½"	-	31.8	26.2	25.4	100
461557	1	M33	1¼", 1⅜"	1"	33.4	27.0	25.4	100
461558	1	M36	1⅝"	-	36.5	30.2	25.4	100
461559	1	M39	1⅞"	-	38.9	31.8	25.4	100
461560	1	M39, M42	1⅞"	1¼"	41.3	33.3	25.4	100
461561	1	M42	-	1¼"	42.9	35.7	25.4	100
461562	1	M48	-	-	44.5	37.3	25.4	100
461563	1	M48	-	1½"	46.0	38.1	25.4	100
461564	1	-	-	1½"	50.0	41.3	25.4	50
461565	1	M56	-	-	52.4	44.5	25.4	50
461566	1	M56	-	-	56.0	47.6	25.4	50
461567	1	M64	-	2"	62.7	50.0	25.4	50
461568	1	M64	-	2"	63.5	54.0	25.4	50
461569	1	-	-	-	68.3	57.9	25.4	50
461570	1	-	-	2½"	75.0	61.9	34.9	50
461571	1	-	-	3"	88.9	76.2	38.1	10
461572	1	-	-	-	101.6	82.6	38.1	10
461573	1	-	-	4"	127.0	88.9	50.8	5
461574	1	-	-	1½"	39.0	31.0	25.0	50
461575	1	M42, M45	-	1⅝"	43.0	36.0	25.0	50
461581	1	-	-	-	46.0	38.0	25.0	50
461583	1	M60, M62	-	-	63.0	50.0	25.0	25

## High-Temperature Flangeless Plugs

SR 1090

Black EPDM



- Designed to mask holes without masking the surrounding area
- Tapered rings and hollow core allow many different areas to be masked
- Pull-tab allows easy installation and removal

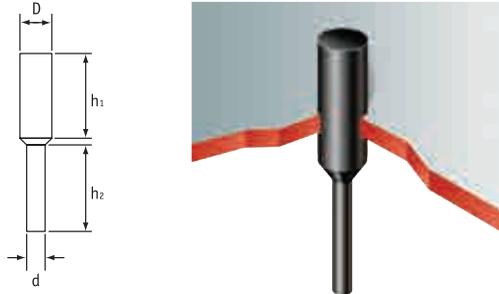
Part Number	Dimensions (mm)			Standard Pack Quantity
	d1	D	h	
461479	4.0	6.0	25.4	1000
461480	6.0	8.0	25.4	1000
461481	8.0	10.0	25.4	1000
461482	10.0	12.0	25.4	500
461483	12.0	14.0	25.4	500
461484	14.0	16.0	25.4	200
461485	16.0	18.0	25.4	200
461486	18.0	20.0	25.4	200
461488	22.5	24.0	25.4	200
461489	24.0	26.0	25.4	100

## High-Temperature Pull Plugs

SR 1094

Black EPDM

- Ideal for masking threaded and plain through-holes
- Pull-tab allows plugs to be pushed into hole to be masked, and pulled out after use



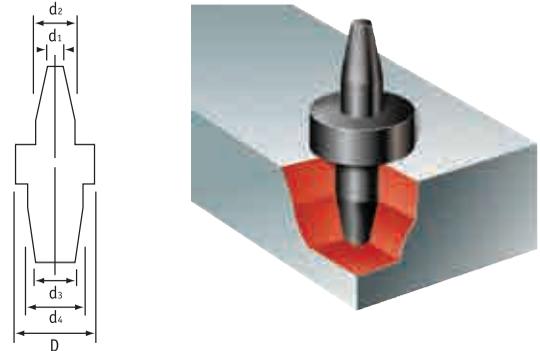
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d	h <sub>1</sub>	h <sub>2</sub>	
461640	5.0	2.8	15.9	15.9	500
461641	5.0	2.8	25.4	25.4	500
461643	5.7	3.2	25.4	25.4	500
461645	7.0	3.2	23.8	23.4	500
461648	8.5	3.9	25.4	25.4	500
461649	8.9	4.9	22.4	23.5	250
461650	9.8	3.9	25.4	25.4	250
461651	10.2	4.0	25.4	25.4	250
461654	11.3	6.5	25.4	25.2	250
461657	12.0	6.2	25.4	25.4	250
461658	12.6	6.4	25.4	25.4	250
461660	13.5	6.4	25.4	25.4	250
461667	16.3	9.5	25.4	25.4	100
461668	18.0	9.5	31.8	33.7	100

## High-Temperature Washer Plugs

SR 1092

Black EPDM

- Plug threaded or plain holes
- Mask surface area around hole
- Integral washer and plug combination performs as single unit



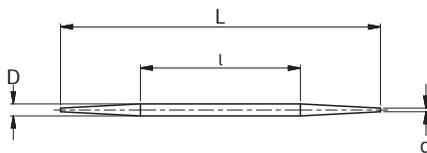
Part Number	To Fit Hole			Dimensions (mm)					Standard Pack Quantity
	Metric	UNF	BSP	D	d1	d2	d3	d4	
461619	M3	¼"	-	6.4	1.7	4.0	3.7	6.4	100
461620	M4, M5	-	-	7.9	2.3	3.6	3.0	4.6	100
461621	M6, M8	⅜"	⅜"	9.5	3.3	5.1	4.0	7.0	100
461622	M7, M9	⅜"	⅜"	12.7	4.0	7.0	7.3	9.5	100
461623	M10, M12	⅜", ½"	⅜", ¼"	12.7	7.3	9.9	8.1	11.5	100

## Mouse Tail

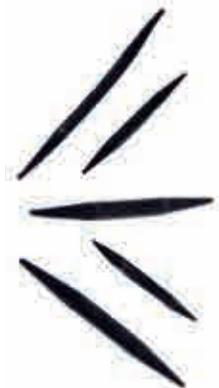
SR 1179

Black EPDM

- Ideal to plug very small holes
- Recovery material produces a tight plug



Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d	L	l	
498740	2.0	0.6	33.8	16.9	500
498741	2.0	0.6	52.9	26.9	500
498743	2.5	0.8	52.8	26.4	500



## Polyimide Tape up to +260°C

SR 1059

Polyimide Substrate



- High-performance masking tape
- High chemical and abrasion resistance
- Suitable for powder-coating and electro-coating (E-coating) applications
- Clean removal, no residue

Part Number	Width (mm)	Length (m)	Standard Pack Quantity
200/12	12.0	33.0	1
200/25	25.0	33.0	1
200/50	50.0	33.0	1

## Glass Cloth Tape up to +250°C

SR 1059

White Fibreglass Cloth



- Easily removable, leaving no residue
- Resistant to solvents and abrasion
- Tightly-woven glass cloth tape provides good tear strength
- Suitable for high-pressure applications such as sand blasting
- Suitable for powder coating and wet painting

Part Number	Dimensions		Standard Pack Quantity
	Width (mm)	Length (m)	
600/12	12.0	50.0	1
600/25	25.0	50.0	1

## Blue Polyester Tape up to +180°C

SR 1059

Polyester



- This thinner tape conforms easily to unusual shapes and can be used to mask curved applications
- Quick adhesion for time-saving application
- Clean removal – leaves no residue
- 25 micron tape thickness

Part Number	Dimensions		Standard Pack Quantity
	Width (mm)	Length (m)	
151/12	12.0	66.0	1
151/25	25.0	66.0	1
151/50	50.0	66.0	1

## Green Polyester Tape up to +180°C

SR 1059

Polyester



- Quick adhesion for time-saving application
- Clean removal, leaving no residue
- General-purpose tape suitable for most masking applications including powder coating and anodizing
- Supplied in 38 micron thickness

Part Number	Dimensions		Standard Pack Quantity
	Width (mm)	Length (m)	
100/12	12.0	66.0	1
100/18	18.0	66.0	1
100/25	25.0	66.0	1
100/30	30.0	66.0	1
100/40	40.0	66.0	1
100/50	50.0	66.0	1
100/75	75.0	66.0	1
100/100	100.0	66.0	1
330/250	250.0	66.0	1

## Polyimide Discs up to +260°C

SR 1058

### Polyimide Substrate

- High-performance masking discs
- High chemical and abrasion resistance
- Suitable for powder-coating and electro-coating (E-coating) applications
- Clean removal - leaves no residue



Part Number	Disc Diameter (mm)	Discs Per Roll	Standard Pack Quantity
460513	12.0	2000	1
460514	25.0	500	1
460515	40.0	250	1
460516	50.0	250	1

## Green Discs up to +180°C

SR 1058

### Polyester

- Quick adhesion for time-saving application
- For a wide variety of applications including powder coating and anodizing
- Clean removal - leaves no residue



Part Number	Disc Diameter (mm)	Discs Per Roll	Standard Pack Quantity
460501	12.0	2000	1
460502	15.0	2000	1
460503	18.0	1000	1
460504	20.0	1000	1
460505	25.0	500	1
460506	30.0	500	1
460507	40.0	250	1
460508	50.0	250	1

## Paper Tape up to +135°C

SR 1059

### Crepe Paper

- Three versions of paper masking tape available, each covering different temperature ranges from +80°C to +135°C
- General-purpose masking tape, suitable for most low-temperature applications and for use with synthetic enamels, cellulose and acrylic paints



Part Number	Dimensions		Maximum Temperature	Standard Pack Quantity
	Width (mm)	Length (m)		
400/25	25.0	50.0	+80°C	1
500/25	25.0	50.0	+120°C	1
900/25*	25.0	50.0	+135°C	1

\* Features a silicone adhesive system, specially developed for use in high-temperature painting.

## Blue Discs up to +180°C

SR 1058

### Polyester

- General-purpose discs suitable for most masking applications including powder coating and anodizing
- Quick adhesion for time-saving application
- Clean removal - leaves no residue



Part Number	Disc Diameter (mm)	Discs Per Roll	Standard Pack Quantity
460509	12.0	2000	1
460510	25.0	500	1
460511	40.0	250	1
460512	50.0	250	1

## Eze-Wrap Tape up to +204°C

SR 1059

### Silicone Rubber

- Self-fusing tape, adheres to itself to form a homogenous mass, providing excellent sealing
- Forms a homogenous mass within 24 hours at room temperature or four minutes at +180°C
- No adhesive, therefore no residue when removed
- Easy to mould to irregular-shaped objects



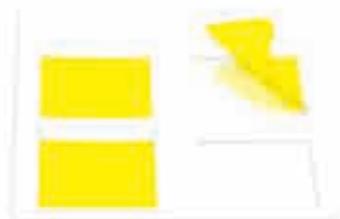
Part Number	Dimensions		Standard Pack Quantity
	Width (mm)	Length (m)	
800/1	25.4	10.9	1

## Masking Square

SR 1183

### Polyimide Substrate

- High performance masking square
- High chemical and abrasion resistance
- Suitable for powder coating and E-coating applications
- Clean removal – leaves no residue



Part Number	Dimensions (mm)	Square per roll	Standard Pack Quantity
499010	6 x 6	5000	1
499011	9 x 9	5000	1
499012	12 x 12	5000	1
499013	15 x 15	2000	1
499015	25 x 25	2000	1

## Masking Square

SR 1183

### Polyester

- Quick adhesion for time saving applications
- For a wide variety of applications including powder coating and anodizing
- Clean removal – leaves no residue



Part Number	Dimensions (mm)	Square per roll	Standard Pack Quantity
499821	6 x 6	5000	1
499822	9 x 9	5000	1
499667	12 x 12	5000	1
499669	19 x 19	2000	1

## Masking Bags

SR 1097

### Clear LDPE

- Mask awkward shapes
- Elasticated bottom to hold bag onto application
- Softening point +90°C, for use up to +100°C



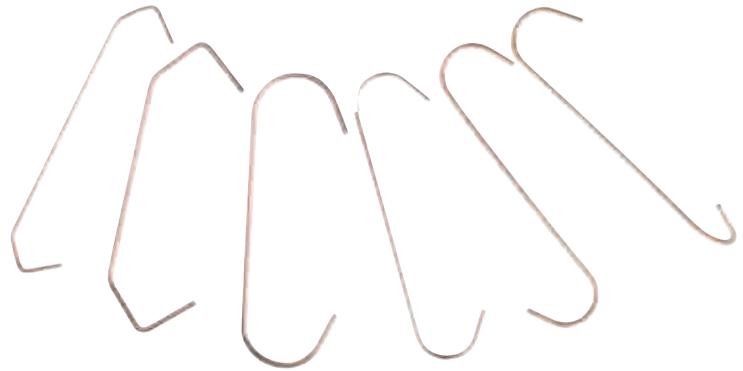
Part Number	Dimensions (mm)		Standard Pack Quantity
	Length	Width	
498806	50	100	100
498807	50	200	100
498808	50	300	100
498809	100	100	100
498810	100	200	100
498811	300	150	100
498812	300	250	100
498813	600	400	75
498814	600	450	75
498815	600	600	25
498816	900	600	25

## Support Hooks

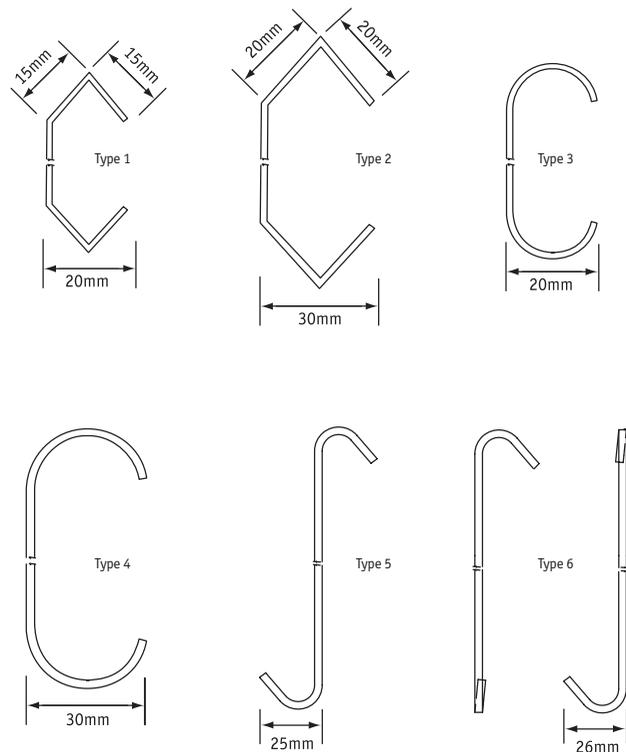
SR 1087

### Copper-drawn Iron Wire

- Suitable for supporting loads during paint finishing, surface treatment and material handling etc.
- Reusable
- Please request a free sample to evaluate load-bearing suitability for your application



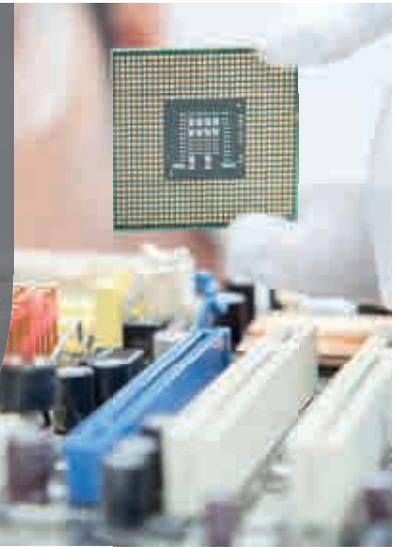
Part Number	Type	Wire Diameter (mm)	Hook Length (mm)	Standard Pack Quantity
1317746	1	0.9	60	5000
1317747	1	1.5	60	5000
1317748	1	1.5	75	5000
1317749	1	1.5	100	5000
1317750	1	1.5	150	5000
1317751	1	2.0	60	5000
1317752	1	2.0	75	5000
1317753	1	2.0	100	2500
1317754	1	2.0	150	2500
1317755	1	2.0	200	2500
1317756	1	3.0	100	1250
1317757	1	3.0	150	1250
1317758	2	2.0	100	2500
1317759	2	2.0	150	2500
1317760	2	2.0	200	1250
1317761	2	3.0	100	1250
1317762	2	3.0	200	625
1317763	3	1.5	100	2500
1317764	3	2.0	60	2500
1317765	3	2.0	75	2500
1317766	3	2.0	100	2500
1317767	3	2.0	150	2500
1317768	3	2.0	250	1250
1317769	4	2.0	100	2500
1317770	4	2.0	150	2500
1317771	4	3.0	100	1250
1317772	4	3.0	150	625
1317773	4	3.0	200	625
462970	5	0.9	100	5000
462972	5	1.5	100	2500
462973	5	1.5	150	2500
462974	5	2.0	100	1250
462975	5	2.0	150	1250
462976	5	2.0	200	1250
462977	5	3.0	100	625
462978	5	3.0	150	625
462979	5	3.0	200	625
462980	5	3.0	250	625
462982	6	0.9	100	5000
462983	6	1.5	75	2500
462987	6	2.0	150	1250
462989	6	3.0	100	1250
462990	6	3.0	150	625
462991	6	3.0	200	625
462992	6	3.0	250	625



Please note that measurements may vary by up to 5mm according to length and/or diameter.

## FIND THE SPACERS YOU **NEED**

- Huge selection of PCB support products for a variety of locking method requirements
- Mounting types to suit your PCB application requirements
- Great choice of hex standoffs and more for high-critical strength requirements



133



138



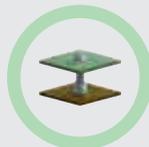
143



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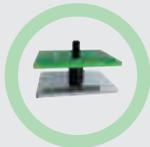
151



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200



202



204

MORE THAN  
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CIRCUIT BOARD  
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NON-THREADED SPACERS

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INSULATORS

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MOUNTING

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CARD GUIDES AND PULLERS

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LED HARDWARE

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# DUAL LOCKING SPACERS

## Locking Circuit Board Support

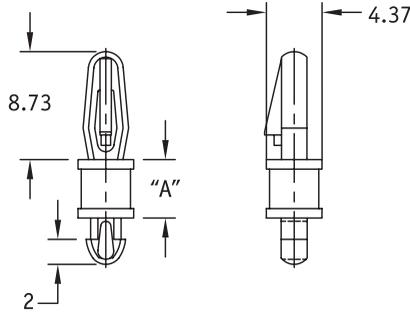
SR 2705

LCBST/CLCBST/LMSP/CBS/LNCBS

Natural

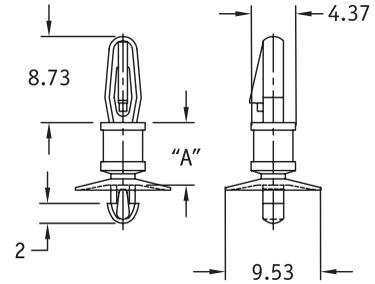


**LCBST**  
Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57  
Type 1



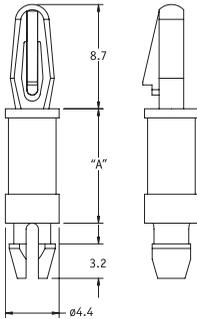
Bottom Hole: Snap-lock:  $2.54 \pm 0.05$   
Panel Thickness: 1.63 Max.

**CLCBST**  
Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57  
Type 2



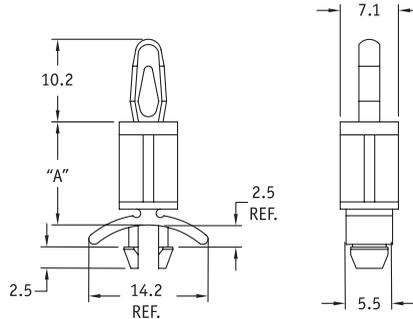
Bottom Hole: Snap-lock:  $2.54 \pm 0.05$   
Panel Thickness: 1.57

**LMSP**  
Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57  
Type 3



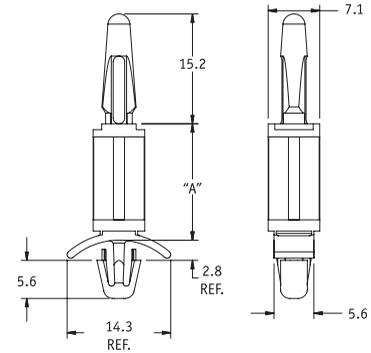
Bottom Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57

**CBS**  
Top Hole: Snap-fit:  $4 \pm 0.08$   
Panel Thickness: 1.57  
Type 4



Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 0.79 - 1.98

**LNCBS**  
Top Hole: Snap-fit:  $4 \pm 0.08$   
Panel Thickness: 1.57  
Type 5



Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 0.79 - 1.98

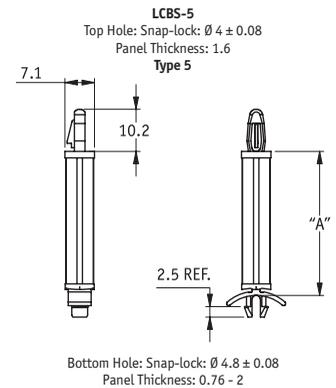
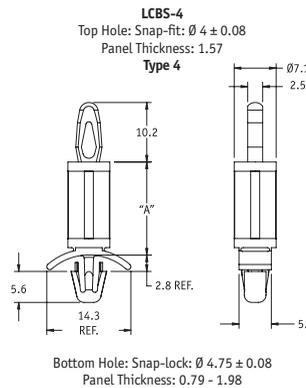
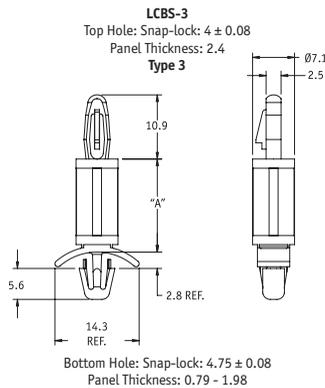
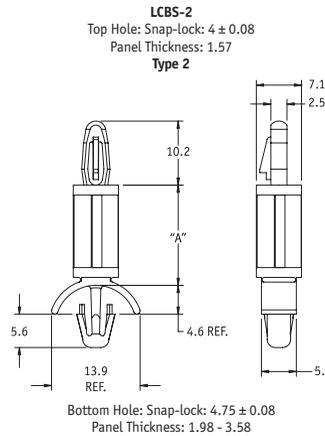
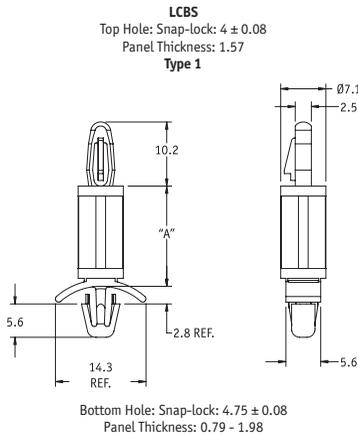
Part Number							"A" Standoff Height	Standard Pack Quantity
LCBST (Type 1)	CLCBST (Type 2)	LMSP (Type 3)		CBS (Type 4)		LNCBS (Type 5)		
UL94 V2 Nylon 6/6, RMS-01	UL94 V2 Nylon 6/6, RMS-01	UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01		
LCBST-2-01	CLCBST-2-01	LMSP-2-01	LMSP-2-19	-	-	-	3.2	1000
LCBST-3-01	CLCBST-3-01	LMSP-3-01	LMSP-3-19	CBS-3-01	CBS-3-19	LNCBS-3-01	4.8	1000
LCBST-4-01	CLCBST-4-01	LMSP-4-01	LMSP-4-19	CBS-4-01	CBS-4-19	LNCBS-4-01	6.4	1000
LCBST-5-01	CLCBST-5-01	LMSP-5-01	-	-	-	-	7.9	1000
LCBST-6-01	CLCBST-6-01	LMSP-6-01	LMSP-6-19	CBS-6-01	CBS-6-19	LNCBS-6-01	9.5	1000
LCBST-7-01	CLCBST-7-01	LMSP-7-01	LMSP-7-19	-	-	-	11.1	1000
LCBST-8-01	CLCBST-8-01	LMSP-8-01	LMSP-8-19	CBS-8-01	CBS-8-19	LNCBS-8-01	12.7	1000
LCBST-9-01	CLCBST-9-01	LMSP-9-01	LMSP-9-19	-	-	-	14.3	1000
LCBST-10-01	CLCBST-10-01	LMSP-10-01	-	CBS-10-01	-	-	15.9	1000
-	-	LMSP-12-01	-	CBS-12-01	CBS-12-19	LNCBS-12-01	19.1	1000
-	-	LMSP-14-01	LMSP-14-19	CBS-14-01	CBS-14-19	LNCBS-14-01	22.2	1000

## Locking Circuit Board Support

SR 2706

LCBS

Natural



Can't find the size you are looking for? Contact us!

Part Number										"A" Standoff Height	Standard Pack Quantity
LCBS (Type 1)		LCBS-2 (Type 2)		LCBS-3 (Type 3)		LCBS-4 (Type 4)		LCBS-5 (Type 5)			
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		
LCBS-3-01	LCBS-3-19	LCBS-2-3-01	LCBS-2-3-19	LCBS-3-3-01	LCBS-3-3-19	LCBS-4-3-01	LCBS-4-3-19	LCBS-5-3-01	-	4.8	1000
LCBS-6M-01	-	-	-	-	-	-	-	-	-	6	1000
LCBS-4-01	LCBS-4-19	LCBS-2-4-01	LCBS-2-4-19	LCBS-3-4-01	-	LCBS-4-4-01	LCBS-4-4-19	LCBS-5-4-01	LCBS-5-4-19	6.4	1000
LCBS-5-01	-	LCBS-2-5-01	LCBS-2-5-19	LCBS-3-5-01	LCBS-3-5-19	LCBS-4-5-01	LCBS-4-5-19	LCBS-5-5-01	-	7.9	1000
LCBS-8M-01	LCBS-8M-19	-	-	-	-	-	-	-	-	8	1000
LCBS-6-01	LCBS-6-19	LCBS-2-6-01	LCBS-2-6-19	LCBS-3-6-01	-	LCBS-4-6-01	LCBS-4-6-19	LCBS-5-6-01	LCBS-5-6-19	9.5	1000
LCBS-10M-01	LCBS-10M-19	-	-	-	-	-	-	-	-	10	1000
LCBS-7-01	LCBS-7-19	LCBS-2-7-01	LCBS-2-7-19	LCBS-3-7-01	LCBS-3-7-19	LCBS-4-7-01	LCBS-4-7-19	LCBS-5-7-01	-	11.1	1000
LCBS-12M-01	LCBS-12M-19	-	-	-	-	-	-	-	-	12	1000
LCBS-8-01	LCBS-8-19	LCBS-2-8-01	LCBS-2-8-19	LCBS-3-8-01	-	LCBS-4-8-01	LCBS-4-8-19	LCBS-5-8-01	LCBS-5-8-19	12.7	1000
LCBS-14M-01	LCBS-14M-19	-	-	-	-	-	-	-	-	14	1000
LCBS-10-01	LCBS-10-19	LCBS-2-10-01	LCBS-2-10-19	-	LCBS-3-10-19	-	LCBS-4-10-19	LCBS-5-10-01	LCBS-5-10-19	15.9	1000
LCBS-16M-01	LCBS-16M-19	-	-	-	-	-	-	-	-	16	1000
LCBS-12-01	LCBS-12-19	LCBS-2-12-01	-	LCBS-3-12-01	-	LCBS-4-12-01	LCBS-4-12-19	LCBS-5-12-01	-	19.1	1000
LCBS-14-01	LCBS-14-19	LCBS-2-14-01	LCBS-2-14-19	LCBS-3-14-01	LCBS-3-14-19	LCBS-4-14-01	LCBS-4-14-19	-	LCBS-5-14-19	22.2	1000
LCBS-16-01	LCBS-16-19	LCBS-2-16-01	-	LCBS-3-16-01	LCBS-3-16-19	LCBS-4-16-01	LCBS-4-16-19	-	LCBS-5-16-19	25.4	1000
LCBS-18-01	-	LCBS-2-18-01	LCBS-2-18-19	LCBS-3-18-01	LCBS-3-18-19	-	LCBS-4-18-19	LCBS-5-18-01	LCBS-5-18-19	28.6	1000
LCBS-20-01	LCBS-20-19	LCBS-2-20-01	LCBS-2-20-19	-	LCBS-3-20-19	LCBS-4-20-01	LCBS-4-20-19	LCBS-5-20-01	LCBS-5-20-19	31.7	1000
LCBS-22-01	LCBS-22-19	LCBS-2-22-01	LCBS-2-22-19	LCBS-3-22-01	LCBS-3-22-19	-	LCBS-4-22-19	LCBS-5-22-01	-	34.9	1000

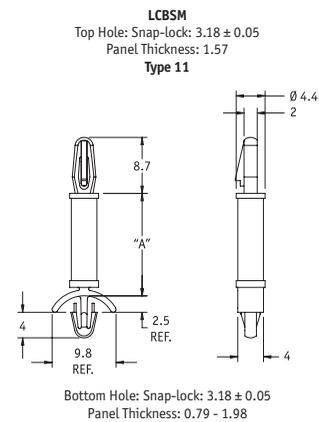
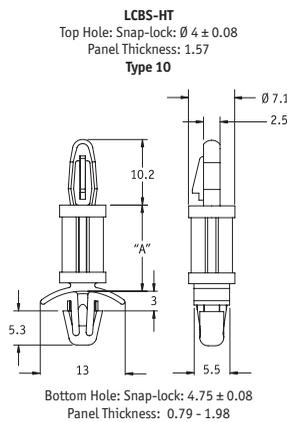
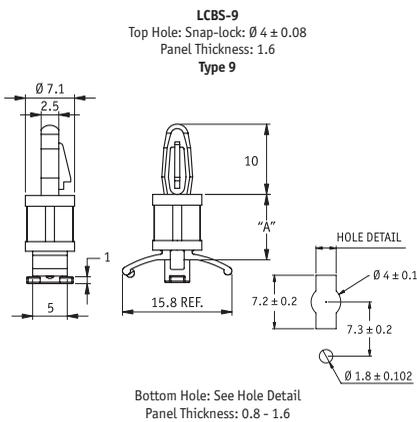
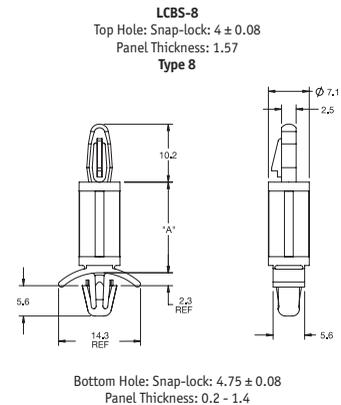
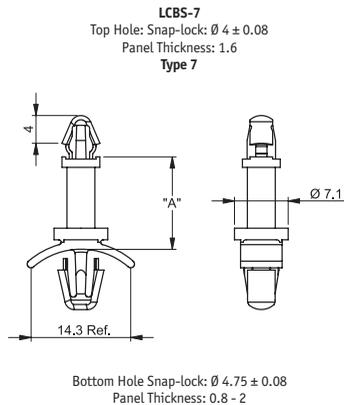
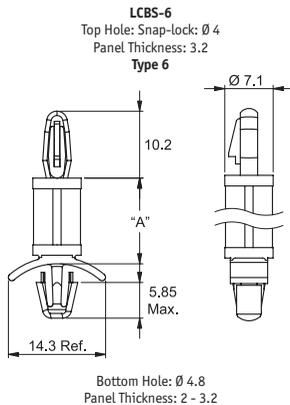
# DUAL LOCKING SPACERS

## Locking Circuit Board Support CONTINUED

SR 2706

LCBS

- Type 10 – Max. Temperature 200°C



LCBS-6 (Type 6)		LCBS-7 (Type 7)		LCBS-8 (Type 8)		LCBS-9 (Type 9)		LCBS-HT (Type 10)	LCBSM (Type 11)	"A" Standoff Height	Standard Pack Quantity
Natural UL94 V2 Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Natural UL94 V2 Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Natural UL94 V2 Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Natural UL94 V2 Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Black UL94 V0 PEI, RMS-162	Natural UL94 V2 Nylon 6/6, RMS-01		
-	-	-	-	-	-	-	-	-	LCBSM-2-01	3.2	1000
LCBS-6-3-01	LCBS-6-3-19	LCBS-7-3-01	LCBS-7-3-19	LCBS-8-3-01	LCBS-8-3-19	LCBS-9-3-01	LCBS-9-3-19	LCBS-3-HT	LCBSM-3-01	4.8	1000
LCBS-6-4-01	LCBS-6-4-19	LCBS-7-4-01	LCBS-7-4-19	LCBS-8-4-01	LCBS-8-4-19	LCBS-9-4-01	LCBS-9-4-19	LCBS-4-HT	LCBSM-4-01	6.4	1000
LCBS-6-5-01	LCBS-6-5-19	LCBS-7-5-01	LCBS-7-5-19	LCBS-8-5-01	LCBS-8-5-19	LCBS-9-5-01	LCBS-9-5-19	LCBS-5-HT	LCBSM-5-01	7.9	1000
LCBS-6-6-01	LCBS-6-6-19	LCBS-7-6-01	-	LCBS-8-6-01	LCBS-8-6-19	-	LCBS-9-6-19	LCBS-6-HT	LCBSM-6-01	9.5	1000
-	LCBS-6-7-19	LCBS-7-7-01	LCBS-7-7-19	LCBS-8-7-01	LCBS-8-7-19	LCBS-9-7-01	LCBS-9-7-19	LCBS-7-HT	LCBSM-7-01	11.1	1000
LCBS-6-8-01	LCBS-6-8-19	LCBS-7-8-01	LCBS-7-8-19	LCBS-8-8-01	LCBS-8-8-19	-	LCBS-9-8-19	-	LCBSM-8-01	12.7	1000
-	-	-	-	-	-	-	-	-	LCBSM-9-01	14.3	1000
LCBS-6-10-01	-	LCBS-7-10-01	LCBS-7-10-19	LCBS-8-10-01	LCBS-8-10-19	-	-	LCBS-10-HT	LCBSM-10-01	15.9	1000
LCBS-6-12-01	LCBS-6-12-19	LCBS-7-12-01	LCBS-7-12-19	LCBS-8-12-01	LCBS-8-12-19	LCBS-9-12-01	LCBS-9-12-19	LCBS-12-HT	-	19.1	1000
LCBS-6-14-01	LCBS-6-14-19	LCBS-7-14-01	-	LCBS-8-14-01	LCBS-8-14-19	LCBS-9-14-01	LCBS-9-14-19	LCBS-14-HT	-	22.2	1000
LCBS-6-16-01	-	LCBS-7-16-01	LCBS-7-16-19	LCBS-8-16-01	LCBS-8-16-19	LCBS-9-16-01	LCBS-9-16-19	LCBS-16-HT	-	25.4	1000
LCBS-6-18-01	LCBS-6-18-19	LCBS-7-18-01	LCBS-7-18-19	LCBS-8-18-01	LCBS-8-18-19	LCBS-9-18-01	-	LCBS-18-HT	-	28.6	1000
LCBS-6-20-01	LCBS-6-20-19	LCBS-7-20-01	LCBS-7-20-19	-	LCBS-8-20-19	LCBS-9-20-01	LCBS-9-20-19	LCBS-20-HT	-	31.7	1000
LCBS-6-22-01	LCBS-6-22-19	LCBS-7-22-01	LCBS-7-22-19	-	LCBS-8-22-19	LCBS-9-22-01	LCBS-9-22-19	LCBS-22-HT	-	34.9	1000

## Dual Locking Circuit Board Support

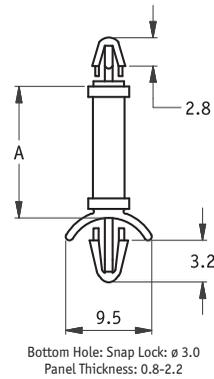
SR 2707

CBDLS

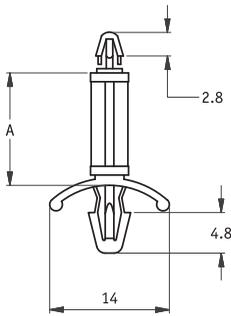
Natural UL94 V-2 Nylon 6/6

- Easily mounted by hand
- Arrowhead fixings held firmly in place with tension wings

Top Hole: Snap Lock:  $\phi$  3.0  
Panel Thickness: 1.2-1.7  
**Type 3**

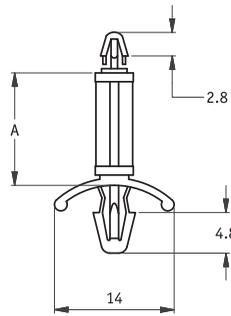


Top Hole: Snap Lock:  $\phi$  3.5  
Panel Thickness: 1.2-1.7  
**Type 1**



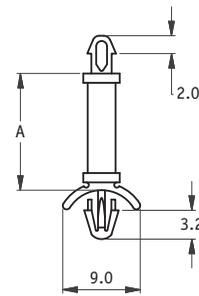
Bottom Hole: Snap Lock:  $\phi$  4.8  
Panel Thickness: 0.8-2.2

Top Hole: Snap Lock:  $\phi$  3.0  
Panel Thickness: 1.2-1.7  
**Type 2**



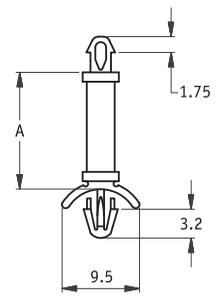
Bottom Hole: Snap Lock:  $\phi$  4.8  
Panel Thickness: 0.8-2.2

Top Hole: Snap Lock:  $\phi$  2.5  
Panel Thickness: 1.6  
**Type 4**



Bottom Hole: Snap Lock:  $\phi$  3.0-3.2  
Panel Thickness: 0.8-2.0

Top Hole: Snap Lock:  $\phi$  2.0  
Panel Thickness: 1.6  
**Type 5**



Bottom Hole: Snap Lock:  $\phi$  3.0-3.2  
Panel Thickness: 0.8-2.0

Part Number					"A" Standoff Height (mm)	Standard Pack Quantity
CBLS1 (Type 1)	CBLS2 (Type 2)	CBLS3 (Type 3)	CBLS4 (Type 4)	CBLS5 (Type 5)		
CBLS105A	CBLS205A	CBLS305A	CBLS405A	CBLS505A	3.2	1000
-	CBLS210A	CBLS310A	CBLS410A	CBLS510A	4.8	1000
CBLS110A	-	-	-	-	5.0	1000
CBLS115A	CBLS215A	-	-	-	6.3	1000
-	-	CBLS315A	CBLS415A	CBLS515A	6.4	1000
-	-	CBLS320A	CBLS420A	CBLS520A	7.9	1000
CBLS120A	CBLS220A	-	-	-	8.0	1000
-	-	CBLS325A	CBLS425A	CBLS525A	9.5	1000
CBLS125A	CBLS225A	-	-	-	10.0	1000
-	-	CBLS330A	CBLS430A	CBLS530A	11.7	1000
CBLS130A	CBLS230A	-	-	-	12.0	1000
-	-	CBLS335A	CBLS435A	CBLS535A	12.7	1000
CBLS135A	CBLS235A	-	-	-	14.0	1000
-	-	CBLS340A	CBLS440A	CBLS540A	14.3	1000
-	-	CBLS345A	CBLS445A	CBLS545A	15.9	1000
CBLS140A	CBLS240A	-	-	-	16.0	1000
CBLS145A	CBLS245A	-	-	-	18.0	1000
-	-	CBLS350A	-	-	19.0	1000
CBLS150A	CBLS250A	-	-	-	25.0	1000

## Dual Locking Circuit Board Support

SR 2708

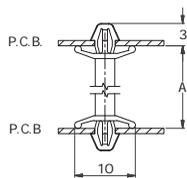
CBDLS

Natural UL94 V-2 Nylon 6/6

- Easily mounted by hand
- Arrowhead fixings held firmly in place with tension wings

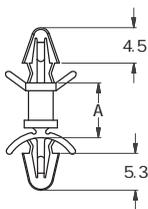


Top Hole: Snap Lock:  $\varnothing$  4.0  
Panel Thickness: 1.6



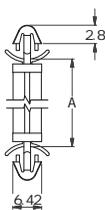
Bottom Hole: Snap Lock:  $\varnothing$  4.0  
Panel Thickness: 1.6

Top Hole: Snap Lock:  $\varnothing$  4.0  
Panel Thickness: 1.6-1.8



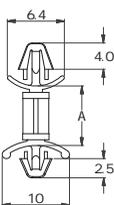
Bottom Hole: Snap Lock:  $\varnothing$  4.8  
Panel Thickness: 0.8-2.2

Top Hole: Snap Lock:  $\varnothing$  3.0  
Panel Thickness: 1.2-2.0



Bottom Hole: Snap Lock:  $\varnothing$  3.0  
Panel Thickness: 1.2-2.0

Top Hole: Snap Lock:  $\varnothing$  3.5  
Panel Thickness: 0.8-2.0



Bottom Hole: Snap Lock:  $\varnothing$  3.5  
Panel Thickness: 0.8-2.0

Part Number	"A" Standoff Height (mm)	Standard Pack Quantity
CBDLS105A	6.0	1000
CBDLS110A	8.0	1000
CBDLS115A	10.0	1000
CBDLS120A	12.0	1000
CBDLS125A	13.0	1000
CBDLS130A	14.0	1000
CBDLS135A	16.0	1000
CBDLS140A	16.8	1000
CBDLS145A	18.0	1000
CBDLS150A	20.0	1000

Part Number	"A" Standoff Height (mm)	Standard Pack Quantity
CBDLS305A	4.0	1000
CBDLS310A	5.0	1000
CBDLS315A	6.4	1000
CBDLS320A	7.0	1000
CBDLS325A	9.5	1000
CBDLS330A	10.0	1000
CBDLS335A	12.7	1000
CBDLS340A	15.9	1000
CBDLS345A	19.0	1000
CBDLS350A	20.0	500
CBDLS355A	22.0	500
CBDLS360A	25.4	500
CBDLS365A	28.6	500
CBDLS370A	30.0	500
CBDLS375A	35.0	500
CBDLS380A	38.0	500
CBDLS385A	45.0	500

Part Number	"A" Standoff Height (mm)	Standard Pack Quantity
CBDLS505A	3.2	1000
CBDLS510A	5.0	1000
CBDLS515A	6.4	1000
CBDLS520A	7.0	1000
CBDLS525A	8.0	1000
CBDLS530A	9.5	1000
CBDLS535A	11.2	1000
CBDLS540A	12.0	1000
CBDLS545A	15.0	1000
CBDLS550A	16.0	1000
CBDLS555A	17.0	1000
CBDLS560A	20.0	1000
CBDLS565A	22.0	1000
CBDLS570A	25.4	1000

Part Number	"A" Standoff Height (mm)	Standard Pack Quantity
CBDLS605A	3.2	2000
CBDLS610A	4.0	2000
CBDLS615A	4.8	1000
CBDLS620A	6.4	1000
CBDLS625A	7.0	1000
CBDLS630A	8.0	1000
CBDLS635A	9.6	1000
CBDLS640A	11.2	1000
CBDLS645A	12.7	1000
CBDLS650A	14.0	1000
CBDLS655A	16.0	1000
CBDLS660A	18.0	1000
CBDLS665A	19.1	1000

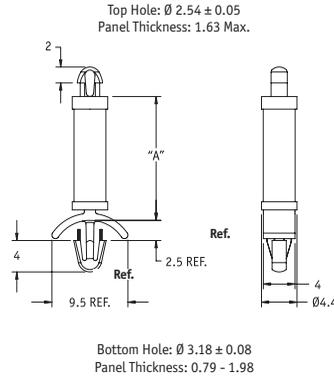
## Dual Locking Circuit Board Support

SR 2709

DLCBSAT

Natural

Part Number		"A" Standoff Height	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19		
DLCBSAT-2-01	DLCBSAT-2-19	3.2	1000
DLCBSAT-3-01	DLCBSAT-3-19	4.8	1000
DLCBSAT-4-01	DLCBSAT-4-19	6.4	1000
DLCBSAT-5-01	-	7.9	1000
DLCBSAT-6-01	DLCBSAT-6-19	9.5	1000
DLCBSAT-7-01	DLCBSAT-7-19	11.1	1000
DLCBSAT-8-01	DLCBSAT-8-19	12.7	1000
DLCBSAT-9-01	DLCBSAT-9-19	14.3	1000
DLCBSAT-10-01	DLCBSAT-10-19	15.9	1000

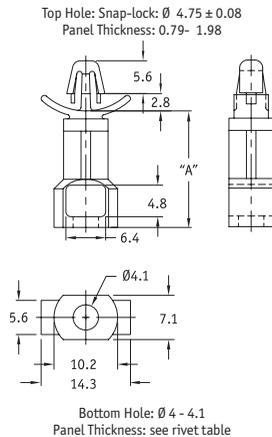


## Snap Rivet Locking Circuit Board Support

SR 2710

SRLAHS

Natural



Part Number		"A" Standoff Height	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19		
SRLAHS-7-01	SRLAHS-7-19	11.1	1000
SRLAHS-8-01	SRLAHS-8-19	12.7	1000
-	SRLAHS-10-19	15.9	1000
-	SRLAHS-12-19	19.1	1000
SRLAHS-14-01	SRLAHS-14-19	22.2	1000
SRLAHS-16-01	-	25.4	1000

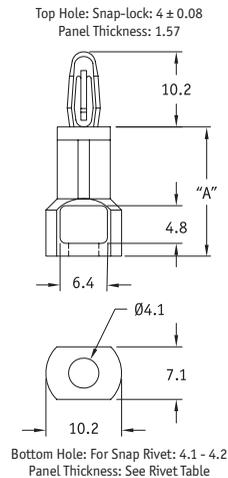
Rivet Table	
Use Rivet Number	For Panel Thickness
SR-4050B /SR-4050W	0.7-1.6
SR-4060B /SR-4060W	1.5-2.7
SR-4070B /SR-4070W	2.7-3.7
SR-4080B /SR-4080W	3.7-4.7
SR-4090B /SR-4090W	4.7-5.7
SR-4100B /SR-4100W	5.7-6.7
SR-4120B /SR-4120W	7.2-8.7

## Snap Rivet Locking Circuit Board Support

SR 2711

SRLCBS

Natural Nylon 6/6, RMS-01



Part Number	"A" Standoff Height	Standard Pack Quantity
SRLCBS-6-01	9.5	1000
SRLCBS-7-01	11.1	1000
SRLCBS-8-01	12.7	1000
SRLCBS-10-01	15.9	1000
SRLCBS-12-01	19.1	1000
SRLCBS-14-01	22.2	1000
SRLCBS-16-01	25.4	1000

Rivet Table	
Use Rivets Part Number	For Panel Thickness
SR-4050B /SR-4050W	0.7-1.6
SR-4060B /SR-4060W	1.5-2.7
SR-4070B /SR-4070W	2.7-3.7
SR-4080B /SR-4080W	3.7-4.7
SR-4090B /SR-4090W	4.7-5.7
SR-4100B /SR-4100W	5.7-6.7
SR-4120B /SR-4120W	7.2-8.7

# DUAL LOCKING SPACERS

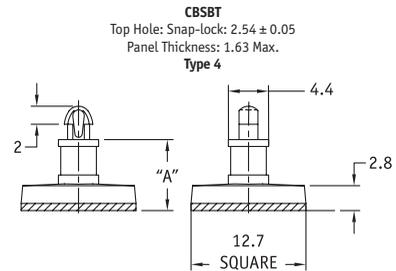
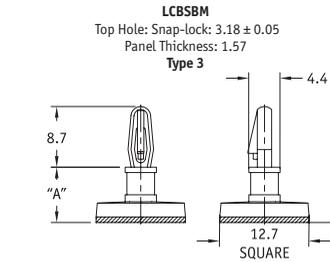
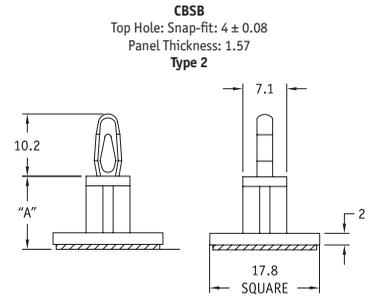
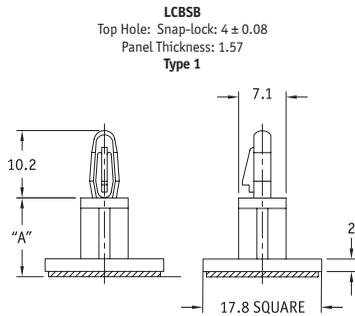
## Circuit Board Support on Adhesive Base

SR 2712

CBSB/CBSBT/LCBSB/LCBSBM

Natural Nylon 6/6 RMS-01

- Adhesive Backing: RMS-24, double sided adhesive tape with release tab



Part Number				"A" Standoff Height	Standard Pack Quantity
LCBSB (Type 1)	CBSB (Type 2)	LCBSBM (Type 3)	CBSBT (Type 4)		
LCBSB-3-01A2-RT	CBSB-3-01A2-RT	LCBSBM-3-01A2	CBSBT-3-01A2-RT	4.8	1000
LCBSB-4-01A2-RT	CBSB-4-01A2-RT	LCBSBM-4-01A2	CBSBT-4-01A2-RT	6.4	1000
-	-	LCBSBM-5-01A2	CBSBT-5-01A2-RT	7.9	1000
LCBSB-6-01A2-RT	CBSB-6-01A2-RT	LCBSBM-6-01A2	CBSBT-6-01A2-RT	9.5	1000
-	-	LCBSBM-7-01A2	CBSBT-7-01A2-RT	11.1	1000
LCBSB-8-01A2-RT	CBSB-8-01A2-RT	LCBSBM-8-01A2	CBSBT-8-01A2-RT	12.7	1000
LCBSB-9-01A2-RT	CBSB-9-01A2-RT	LCBSBM-9-01A2	CBSBT-9-01A2-RT	14.3	1000
LCBSB-10-01A2	CBSB-10-01A2-RT	LCBSBM-10-01A2	CBSBT-10-01A2	15.9	1000
LCBSB-12-01A2	CBSB-12-01A2-RT	-	-	19.1	1000
LCBSB-14-01A2	-	-	-	22.2	1000
LCBSB-16-01A2	CBSB-16-01A2-RT	-	-	25.4	1000
LCBSB-18-01A2	-	-	-	28.6	1000
LCBSB-6M-01A2	-	-	-	6	1000
LCBSB-8M-01A2	-	-	-	8	1000
LCBSB-10M-01A2	-	-	-	10	1000
LCBSB-12M-01A2	-	-	-	12	1000
LCBSB-14M-01A2	-	-	-	14	1000
LCBSB-16M-01A2	-	-	-	16	1000

## Circuit Board Support on Adhesive Base

SR 2713

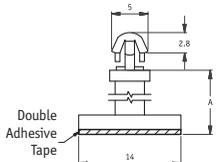
CBABS

Natural Nylon, UL94 V-2 Nylon 6/6

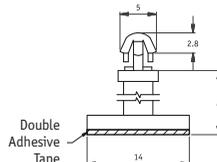
- Adhesive base eliminates the need for mounting hole on the chassis
- Adhesive tape comes with quick release tab for quick installation
- Snap-locking types aid fast installation by hand



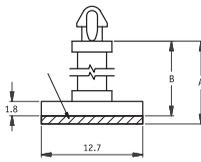
**Type 2**  
Top Hole: Snap Lock:  $\phi 3.0$   
Panel Thickness: 1.2-1.6



**Type 1**  
Top Hole: Snap Lock:  $\phi 3.5$   
Panel Thickness: 1.2-1.6



**Type 3**  
Top Hole: Snap Lock:  $\phi 2.0$   
Panel Thickness: 1.6



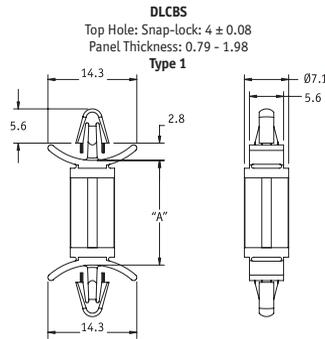
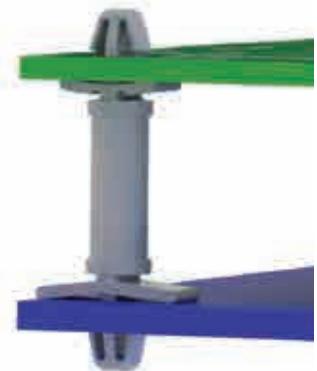
Part Number			"A" Standoff Height (mm)	"B" Base Height (mm)	Standard Pack Quantity
CBABS1 (Type 1)	CBABS2 (Type 2)	CBABS4 (Type 3)			
CBABS105A	CBABS205A	-	3.5	-	1000
CBABS110A	CBABS210A	CBABS405A	4.8	4.0	1000
CBABS115A	CBABS215A	CBABS410A	6.4	5.6	1000
CBABS120A	CBABS220A	-	8.0	-	1000
-	-	CBABS415A	9.5	8.7	1000
CBABS125A	CBABS225A	-	10.0	-	1000
-	-	CBABS420A	11.1	10.3	1000
-	-	CBABS425A	12.7	11.9	1000
-	-	CBABS430A	15.9	15.1	1000
-	-	CBABS435A	19.1	18.3	1000

## Dual Locking Circuit Board Support

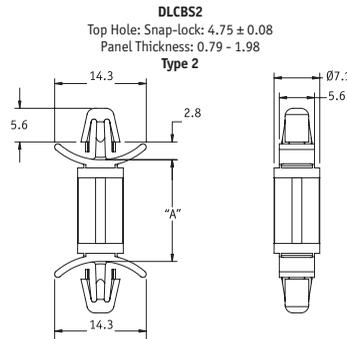
SR 2714

DLCBS

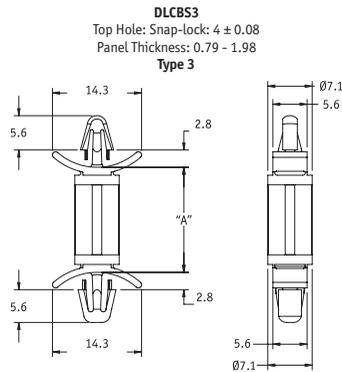
Natural



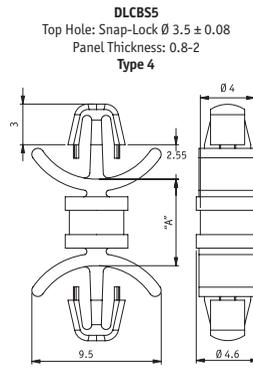
Bottom Hole: Snap-lock:  $4 \pm 0.08$   
Panel Thickness: 0.79 - 1.98



Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 0.79 - 1.98

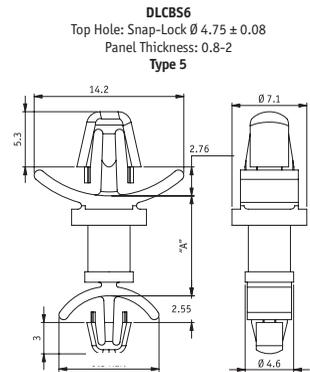


Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 0.79 - 1.98



Bottom Hole: Snap-Lock  $\emptyset 3.5 \pm 0.08$   
Panel Thickness: 0.8-2

Can't find the size you are looking for? Contact us!



Bottom Hole: Snap-Lock  $\emptyset 3.5 \pm 0.08$   
Panel Thickness: 0.8-2

Part Number					"A" Standoff Height	Material	Standard Pack Quantity
DLCBS (Type 1)	DLCBS2 (Type 2)	DLCBS3 (Type 3)	DLCBS5 (Type 4)	DLCBS6 (Type 5)			
DLCBS-3-01	DLCBS2-3-01	DLCBS3-3-01	DLCBS5-3-01	DLCBS6-3-01	4.8	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-4-01	DLCBS2-4-01	DLCBS3-4-01	DLCBS5-4-01	DLCBS6-4-01	6.4	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-5-01	DLCBS2-5-01	DLCBS3-5-01	DLCBS5-5-01	DLCBS6-5-01	7.9	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-6-01	DLCBS2-6-01	DLCBS3-6-01	DLCBS5-6-01	DLCBS6-6-01	9.5	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-7-01	DLCBS2-7-01	-	DLCBS5-7-01	DLCBS6-7-01	11.1	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-8-01	DLCBS2-8-01	DLCBS3-8-01	DLCBS5-8-01	DLCBS6-8-01	12.7	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-9-01	-	-	DLCBS5-9-01	DLCBS6-9-01	14.3	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-10-01	DLCBS2-10-01	DLCBS3-10-01	DLCBS5-10-01	DLCBS6-10-01	15.9	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-12-01	DLCBS2-12-01	DLCBS3-12-01	-	-	19.1	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-14-01	-	DLCBS3-14-01	-	-	22.2	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS-3-19	DLCBS2-3-19	DLCBS3-3-19	DLCBS5-3-19	DLCBS6-3-19	4.8	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS-4-19	DLCBS2-4-19	-	DLCBS5-4-19	DLCBS6-4-19	6.4	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS-5-19	-	-	DLCBS5-5-19	DLCBS6-5-19	7.9	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS-6-19	-	DLCBS3-6-19	DLCBS5-6-19	DLCBS6-6-19	9.5	UL94 V-0 Nylon 6/6, RMS-19	1000
-	DLCBS2-7-19	-	DLCBS5-7-19	DLCBS6-7-19	11.1	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS-8-19	DLCBS2-8-19	DLCBS3-8-19	DLCBS5-8-19	DLCBS6-8-19	12.7	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS-9-19	DLCBS2-9-19	-	DLCBS5-9-19	DLCBS6-9-19	14.3	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS-10-19	DLCBS2-10-19	DLCBS3-10-19	DLCBS5-10-19	DLCBS6-10-19	15.9	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS-12-19	-	DLCBS3-12-19	-	-	19.1	UL94 V-0 Nylon 6/6, RMS-19	1000
-	DLCBS2-14-19	DLCBS3-14-19	-	-	22.2	UL94 V-0 Nylon 6/6, RMS-19	1000

# DUAL LOCKING SPACERS

## Dual Locking Circuit Board Support CONTINUED

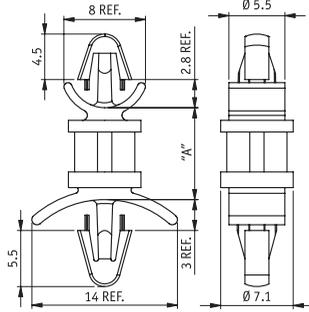
SR 2714

DLCBS

Natural

**DLCBS7**

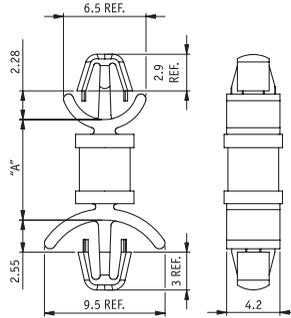
Top Hole: Snap-Lock  $\varnothing 4 \pm 0.08$   
Panel Thickness: 1.6  
Type 6



Bottom Hole: Snap-Lock  $\varnothing 4 \pm 0.08$   
Panel Thickness: 1.6

**DLCBS8**

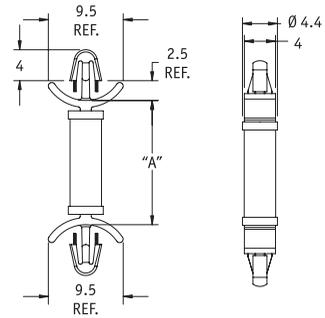
Top Hole: Snap-Lock  $\varnothing 3.5 \pm 0.08$   
Panel Thickness: 0.8-1.6  
Type 7



Bottom Hole: Snap-Lock  $\varnothing 3.5 \pm 0.08$   
Panel Thickness: 0.8-2

**DLCBSM**

Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 0.79 - 1.98  
Type 8



Bottom Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 0.79 - 1.98

Part Number			"A" Standoff Height	Material	Standard Pack Quantity
DLCBS7 (Type 6)	DLCBS8 (Type 7)	DLCBSM (Type 8)			
DLCBS7-3-01	DLCBS8-3-01	DLCBSM-3-01	4.8	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-4-01	DLCBS8-4-01	DLCBSM-4-01	6.4	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-5-01	DLCBS8-5-01	DLCBSM-5-01	7.9	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-6-01	DLCBS8-6-01	DLCBSM-6-01	9.5	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-7-01	-	DLCBSM-7-01	11.1	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-8-01	DLCBS8-8-01	DLCBSM-8-01	12.7	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-9-01	-	DLCBSM-9-01	14.3	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-10-01	DLCBS8-10-01	DLCBSM-10-01	15.9	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-12-01	-	-	19.1	UL94 V-2 Nylon 6/6, RMS-01	1000
DLCBS7-3-19	-	DLCBSM-3-19	4.8	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS7-4-19	-	DLCBSM-4-19	6.4	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS7-5-19	DLCBS8-5-19	DLCBSM-5-19	7.9	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS7-6-19	DLCBS8-6-19	DLCBSM-6-19	9.5	UL94 V-0 Nylon 6/6, RMS-19	1000
-	DLCBS8-7-19	DLCBSM-7-19	11.1	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS7-8-19	DLCBS8-8-19	DLCBSM-8-19	12.7	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS7-9-19	DLCBS8-9-19	DLCBSM-9-19	14.3	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS7-10-19	DLCBS8-10-19	-	15.9	UL94 V-0 Nylon 6/6, RMS-19	1000
DLCBS7-12-19	-	-	19.1	UL94 V-0 Nylon 6/6, RMS-19	1000

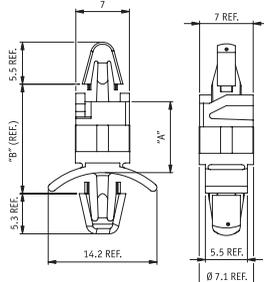
## Dual Locking Circuit Board Support

SR 2715

DLCBS4

Natural

Top Hole: Snap-Lock  $\varnothing 4.0 \pm 0.08$   
Panel Thickness: 1.3-2



Bottom Hole: Snap-Lock  $\varnothing 4.75 \pm 0.08$   
Panel Thickness: 0.8-2

Part Number		"A" Standoff Height	"B"	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19			
DLCBS4-3.5-01	-	5.5	10.8	1000
DLCBS4-4-01	DLCBS4-4-19	6.1	11.4	1000
DLCBS4-5-01	DLCBS4-5-19	9.1	14.4	1000
DLCBS4-6-01	DLCBS4-6-19	12.4	17.7	1000
DLCBS4-8-01	-	18.8	24.1	1000
DLCBS4-10-01	DLCBS4-10-19	21.9	27.2	1000

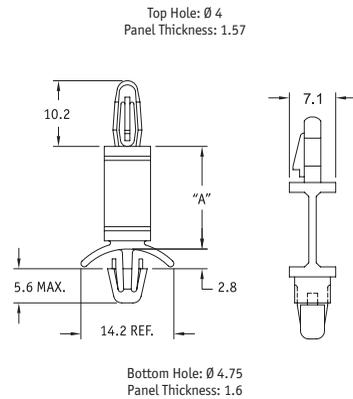
## Flexible Locking Circuit Board Support

SR 2716

FLCBS

UL94 V2 Nylon 6/6, RMS-01 Natural

Part Number	"A" (mm)	Standard Pack Quantity
FLCBS-6-01	9.5	1000
FLCBS-8-01	12.7	1000
FLCBS-10-01	15.9	1000
FLCBS-12-01	19.1	1000
FLCBS-14-01	22.2	1000
FLCBS-16-01	25.4	1000
FLCBS-18-01	28.6	1000
FLCBS-20-01	31.8	1000
FLCBS-22-01	34.9	1000



## Shock Dampening Spacers

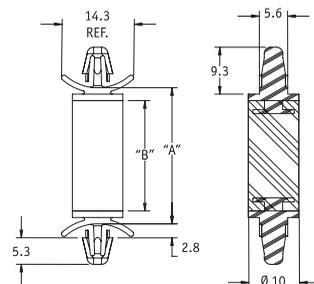
SR 2717

HSCBS

Fix Material: Natural UL94 VO Nylon 6/6, RMS-169

Spacer Material: Black UL94 HB TPE 45 Shore A RMS-168

Part Number	"A" Uncompressed	"B" Ref.	Hole Ø	Panel Thickness	Target Load	Standard Pack Quantity
HSCBS-1	14.9	9.7	4.75	0.79 - 1.98	9.8N	1000
HSCBS-2	21	16.3	4.75	0.79 - 1.98	9.8N	1000
HSCBS-3	27.1	22	4.75	0.79 - 1.98	9.8N	1000



Patented

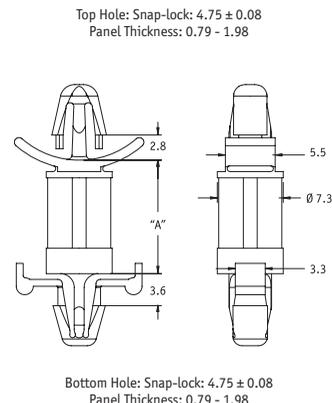
## Dual Locking Circuit Board Support

SR 2718

DLCBSRA

Natural UL94 V-2 Nylon 6/6, RMS-01

Part Number	"A" Standoff Height	Standard Pack Quantity
DLCBSRA3-6-01	4.8	1000
DLCBSRA3-8-01	12.7	1000
DLCBSRA3-10-01	15.9	1000
DLCBSRA3-12-01	19.1	1000
DLCBSRA3-14-01	22.2	1000



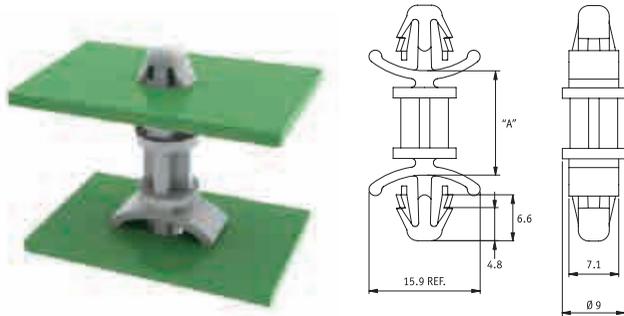
# DUAL LOCKING SPACERS

## Heavy Duty Circuit Board Support

SR 2719

DLCBSHD

Natural



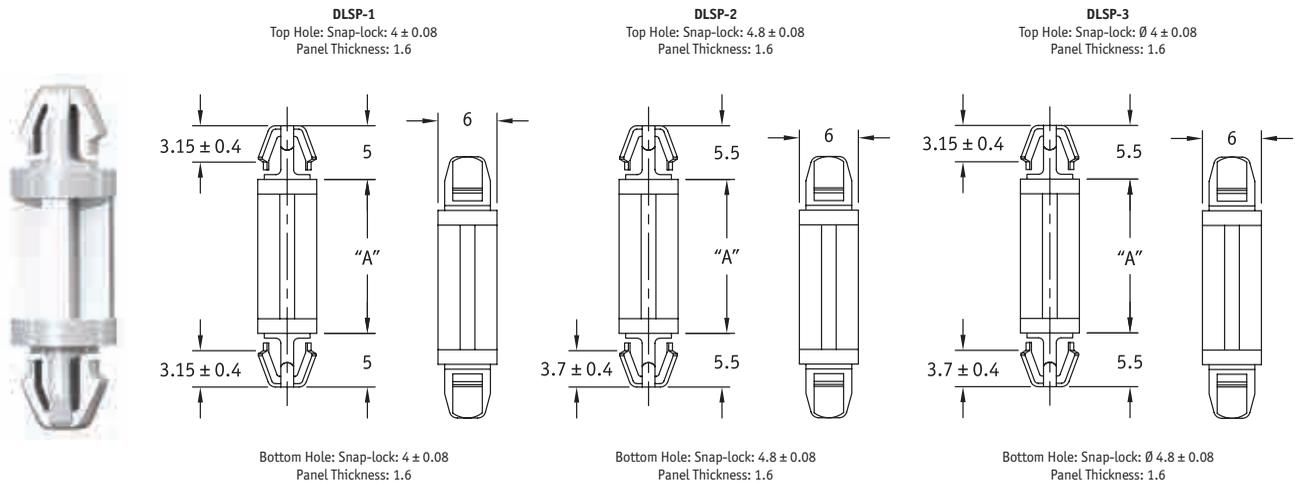
Part Number		"A"	Ø Hole	Panel Thickness	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19				
DLCBSHD-10M-01	DLCBSHD-10M-19	10	6.3	0.8 - 2.2	1000
DLCBSHD-20M-01	DLCBSHD-20M-19	20	6.3	0.8 - 2.2	1000
DLCBSHD-25M-01	-	25	6.3	0.8 - 2.2	1000
DLCBSHD-35M-01	DLCBSHD-35M-19	35	6.3	0.8 - 2.2	1000

## Dual Locking Support Post

SR 2720

DLSP

Natural



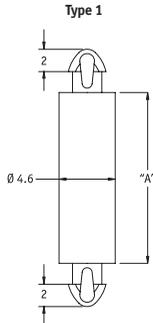
Part Number				"A" Standoff Height	Standard Pack Quantity
DLSP-1		DLSP-2	DLSP-3		
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Nylon 6/6, RMS-01	Nylon 6/6, RMS-01		
DLSP-1-3M-01	DLSP-1-3M-19	DLSP-2-3M-01	DLSP-3-3M-01	3	1000
DLSP-1-4M-01	DLSP-1-4M-19	DLSP-2-4M-01	DLSP-3-4M-01	4	1000
DLSP-1-6M-01	DLSP-1-6M-19	DLSP-2-6M-01	DLSP-3-6M-01	6	1000
DLSP-1-8M-01	DLSP-1-8M-19	DLSP-2-8M-01	DLSP-3-8M-01	8	1000
DLSP-1-10M-01	DLSP-1-10M-19	DLSP-2-10M-01	DLSP-3-10M-01	10	1000
DLSP-1-12M-01	DLSP-1-12M-19	DLSP-2-12M-01	-	12	1000
DLSP-1-14M-01	DLSP-1-14M-19	-	DLSP-3-14M-01	14	1000
DLSP-1-16M-01	DLSP-1-16M-19	DLSP-2-16M-01	-	16	1000
DLSP-1-18M-01	-	-	-	18	1000
DLSP-1-25M-01	DLSP-1-25M-19	DLSP-2-25M-01	DLSP-3-25M-01	25	1000
DLSP-1-30M-01	DLSP-1-30M-19	-	-	30	1000

### Metric Mini Dual Locking Support Post

SR 2721

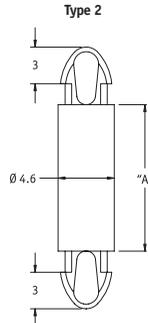
MDLSP1/MDLSP2

Top Hole: Snap-lock: 2.5 ± 0.05  
Panel Thickness: 1.65 Max.



Bottom Hole: Snap-lock: 2.5 ± 0.05  
Panel Thickness: 1.65 Max.

Top Hole: Snap-lock: 3.5 ± 0.05  
Panel Thickness: 1.65 Max.



Bottom Hole: Snap-lock: 3.5 ± 0.05  
Panel Thickness: 1.65 Max.



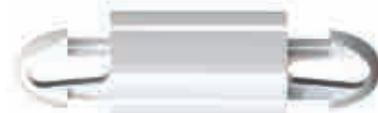
MDLSP1 (Type 1)		MDLSP2 (Type 2)			"A" Standoff Height	Standard Pack Quantity
Natural Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Natural Nylon 6/6, RMS-01	Black Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19		
MDLSP1-02M-01	MDLSP1-02M-19	MDLSP2-02M-01	-	MDLSP2-02M-19	2	1000
MDLSP1-03M-01	MDLSP1-03M-19	MDLSP2-03M-01	MDLSP2-03M-01BK	MDLSP2-03M-19	3	1000
MDLSP1-04M-01	MDLSP1-04M-19	MDLSP2-04M-01	MDLSP2-04M-01BK	MDLSP2-04M-19	4	1000
MDLSP1-05M-01	MDLSP1-05M-19	MDLSP2-05M-01	MDLSP2-05M-01BK	MDLSP2-05M-19	5	1000
MDLSP1-06M-01	MDLSP1-06M-19	MDLSP2-06M-01	MDLSP2-06M-01BK	MDLSP2-06M-19	6	1000
MDLSP1-07M-01	MDLSP1-07M-19	MDLSP2-07M-01	-	MDLSP2-07M-19	7	1000
MDLSP1-08M-01	MDLSP1-08M-19	MDLSP2-08M-01	MDLSP2-08M-01BK	MDLSP2-08M-19	8	1000
MDLSP1-09M-01	-	MDLSP2-09M-01	-	MDLSP2-09M-19	9	1000
MDLSP1-10M-01	MDLSP1-10M-19	MDLSP2-10M-01	MDLSP2-10M-01BK	MDLSP2-10M-19	10	1000
MDLSP1-12M-01	MDLSP1-12M-19	MDLSP2-12M-01	-	MDLSP2-12M-19	12	1000
MDLSP1-14M-01	MDLSP1-14M-19	MDLSP2-14M-01	-	MDLSP2-14M-19	14	1000
MDLSP1-16M-01	MDLSP1-16M-19	MDLSP2-16M-01	-	MDLSP2-16M-19	16	1000
MDLSP1-18M-01	MDLSP1-18M-19	MDLSP2-18M-01	-	MDLSP2-18M-19	18	1000
MDLSP1-20M-01	MDLSP1-20M-19	MDLSP2-20M-01	MDLSP2-20M-01BK	MDLSP2-20M-19	20	1000
MDLSP1-22M-01	MDLSP1-22M-19	MDLSP2-22M-01	-	MDLSP2-22M-19	22	1000

### Metric Mini Dual Locking Support Post

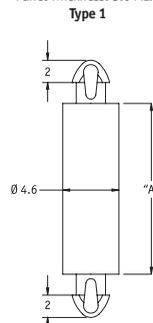
SR 2722

MDLSPK

Natural

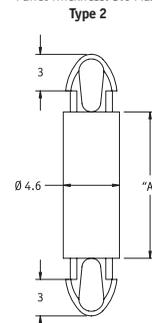


Top Hole: Snap-lock: 2.5 ± 0.05  
Panel Thickness: 3.6 Max.



Bottom Hole: Snap-lock: 2.5 ± 0.05  
Panel Thickness: 1.6 Max.

Top Hole: Snap-lock: 3.5 ± 0.05  
Panel Thickness: 3.6 Max.



Bottom Hole: Snap-lock: 3.5 ± 0.05  
Panel Thickness: 1.6 Max.

Part Number				"A" Standoff Height	Standard Pack Quantity
MDLSPK1 (Type 1)		MDLSPK2 (Type 2)			
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		
MDLSPK1-02M-01	MDLSPK1-02M-19	MDLSPK2-02M-01	MDLSPK2-02M-19	2	1000
MDLSPK1-03M-01	-	-	-	3	1000
MDLSPK1-04M-01	MDLSPK1-04M-19	MDLSPK2-04M-01	-	4	1000
MDLSPK1-06M-01	-	MDLSPK2-06M-01	MDLSPK2-06M-19	6	1000
MDLSPK1-08M-01	MDLSPK1-08M-19	MDLSPK2-08M-01	MDLSPK2-08M-19	8	1000
MDLSPK1-10M-01	MDLSPK1-10M-19	MDLSPK2-10M-01	-	10	1000
MDLSPK1-12M-01	MDLSPK1-12M-19	MDLSPK2-12M-01	MDLSPK2-12M-19	12	1000
MDLSPK1-14M-01	-	MDLSPK2-14M-01	MDLSPK2-14M-19	14	1000
MDLSPK1-16M-01	MDLSPK1-16M-19	MDLSPK2-16M-01	MDLSPK2-16M-19	16	1000
MDLSPK1-18M-01	MDLSPK1-18M-19	MDLSPK2-18M-01	MDLSPK2-18M-19	18	1000
-	MDLSPK1-20M-19	MDLSPK2-20M-01	-	20	1000
MDLSPK1-22M-01	-	MDLSPK2-22M-01	MDLSPK2-22M-19	22	1000

# DUAL LOCKING SPACERS

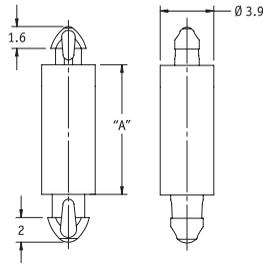
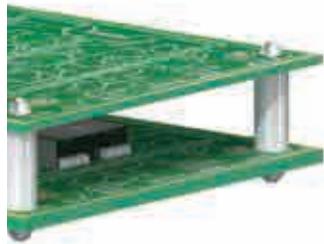
## Mini Dual Locking Support Post

SR 2723

MDLSP3

Natural Nylon 6/6, RMS-01

Top Hole: Snap-lock:  $2 \pm 0.05$   
Panel Thickness: 1.07 Max.



Bottom Hole: Snap-lock:  $2.5 \pm 0.05$   
Panel Thickness: 1.65 Max.

**Can't find the size you are looking for? Contact us!**

Part Number	"A" Standoff Height	Standard Pack Quantity
MDLSP3-1-01	1.6	1000
MDLSP3-2-01	3.2	1000
MDLSP3-3-01	4.8	1000
MDLSP3-4-01	6.4	1000
MDLSP3-5-01	7.9	1000
MDLSP3-6-01	9.5	1000

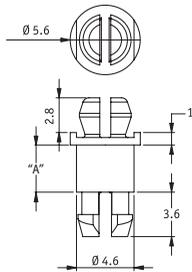
## Miniature Support Post

SR 2724

MSPT

Natural

Top Hole: Snap-fit:  $\varnothing 3.9 \pm 0.05$   
Panel Thickness: 1.2



Bottom Hole: Snap-lock:  $\varnothing 3.9 \pm 0.05$   
Panel Thickness: 1.62

Part Number		"A" (mm)	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19		
-	MSPT-3-19	4.8	1000
-	MSPT-5-19	7.9	1000
MSPT-6-01	MSPT-6-19	9.5	1000
MSPT-7-01	-	11.1	1000
MSPT-8-01	MSPT-8-19	12.7	1000
MSPT-10-01	MSPT-10-19	15.9	1000
-	MSPT-11-19	17.5	1000
MSPT-12-01	MSPT-12-19	19.1	1000
MSPT-14-01	MSPT-14-19	22.2	1000

## Miniature Support Post

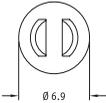
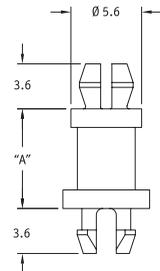
SR 2725

MSPS

Natural

Bottom Hole Snap-lock:  $\varnothing 4 \pm 0.05$   
Panel Thickness: 1.57

Top Hole: Snap-fit:  $\varnothing 4 \pm 0.05$   
Panel Thickness: 1.57



Part Number		"A" (mm)	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19		
MSPS-3-01	MSPS-3-19	4.8	1000
MSPS-4-01	MSPS-4-19	6.4	1000
MSPS-5-01	MSPS-5-19	7.9	1000
MSPS-6-01	MSPS-6-19	9.5	1000
MSPS-7-01	-	11.1	1000
MSPS-8-01	MSPS-8-19	12.7	1000
MSPS-10-01	MSPS-10-19	15.9	1000
MSPS-11-01	MSPS-11-19	17.5	1000
MSPS-12-01	MSPS-12-19	19.1	1000
MSPS-14-01	MSPS-14-19	22.2	1000

## Mini Support Post

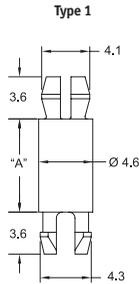
SR 2726

MSP/MSPM/DLMSP/DLMSPM/DLCBST

Natural

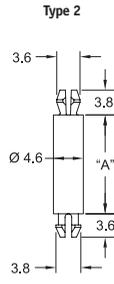


**MSP**  
Top Hole: Snap-fit:  $3.9 \pm 0.05$   
Panel Thickness: 1.57



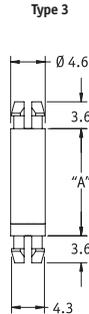
Bottom Hole: Snap-Lock:  $3.9 \pm 0.05$   
Panel Thickness: 1.57

**MSPM**  
Top Hole: Snap-fit:  $3.18 \pm 0.05$   
Panel Thickness: 1.57



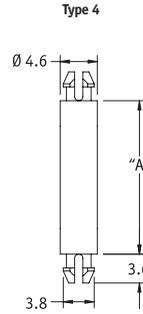
Bottom Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57

**DLMSP**  
Top Hole: Snap-lock:  $3.86 \pm 0.05$   
Panel Thickness: 1.57



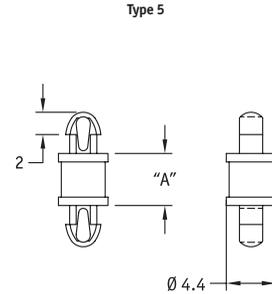
Bottom Hole: Snap-lock:  $3.86 \pm 0.05$   
Panel Thickness: 1.57

**DLMSPM**  
Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57



Bottom Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57

**DLCBST**  
Top Hole: Snap-Lock:  $2.54 \pm 0.05$   
Panel Thickness: 1.63 Max.



Bottom Hole: Snap-lock:  $2.54 \pm 0.05$   
Panel Thickness: 1.63 Max.

Part Number										"A" Standoff Height	Standard Pack Quantity
MSP (Type 1)		MSPM (Type 2)		DLMSP (Type 3)		DLMSPM (Type 4)		DLCBST (Type 5)			
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19										
-	-	-	-	-	-	-	-	DLCBST-1-01	DLCBST-1-19	1.6	1000
MSP-2-01	MSP-2-19	MSPM-2-01	-	DLMS-2-01	DLMS-2-19	DLMS-2-01	-	DLCBST-2-01	DLCBST-2-19	3.2	1000
MSP-3-01	MSP-3-19	MSPM-3-01	MSPM-3-19	DLMS-3-01	DLMS-3-19	DLMS-3-01	DLMS-3-19	DLCBST-3-01	DLCBST-3-19	4.8	1000
MSP-4-01	MSP-4-19	MSPM-4-01	MSPM-4-19	DLMS-4-01	-	DLMS-4-01	DLMS-4-19	DLCBST-4-01	DLCBST-4-19	6.4	1000
MSP-5-01	MSP-5-19	MSPM-5-01	MSPM-5-19	DLMS-5-01	DLMS-5-19	DLMS-5-01	DLMS-5-19	DLCBST-5-01	DLCBST-5-19	7.9	1000
MSP-6-01	MSP-6-19	MSPM-6-01	-	DLMS-6-01	DLMS-6-19	DLMS-6-01	-	DLCBST-6-01	DLCBST-6-19	9.5	1000
MSP-7-01	MSP-7-19	MSPM-7-01	MSPM-7-19	DLMS-7-01	-	DLMS-7-01	DLMS-7-19	DLCBST-7-01	DLCBST-7-19	11.1	1000
MSP-8-01	MSP-8-19	MSPM-8-01	MSPM-8-19	DLMS-8-01	DLMS-8-19	DLMS-8-01	DLMS-8-19	DLCBST-8-01	DLCBST-8-19	12.7	1000
MSP-9-01	-	MSPM-9-01	MSPM-9-19	DLMS-9-01	-	DLMS-9-01	DLMS-9-19	DLCBST-9-01	DLCBST-9-19	14.3	1000
MSP-10-01	MSP-10-19	MSPM-10-01	MSPM-10-19	DLMS-10-01	DLMS-10-19	DLMS-10-01	DLMS-10-19	DLCBST-10-01	DLCBST-10-19	15.9	1000
MSP-11-01	MSP-11-19	-	-	-	-	-	-	-	-	17.5	1000
MSP-12-01	-	MSPM-12-01	-	DLMS-12-01	-	DLMS-12-01	-	-	-	19.1	1000
MSP-13-01	MSP-13-19	MSPM-13-01	MSPM-13-19	-	-	DLMS-13-01	DLMS-13-19	-	-	20.6	1000
MSP-14-01	MSP-14-19	MSPM-14-01	MSPM-14-19	DLMS-14-01	DLMS-14-19	DLMS-14-01	DLMS-14-19	-	-	22.2	1000
MSP-16-01	-	MSPM-16-01	MSPM-16-19	DLMS-16-01	-	DLMS-16-01	DLMS-16-19	-	-	25.4	1000
MSP-18-01	MSP-18-19	MSPM-18-01	-	DLMS-18-01	DLMS-18-19	DLMS-18-01	-	-	-	28.6	1000
MSP-20-01	MSP-20-19	MSPM-20-01	MSPM-20-19	DLMS-20-01	-	DLMS-20-01	DLMS-20-19	-	-	31.8	1000
MSP-22-01	MSP-22-19	MSPM-22-01	MSPM-22-19	DLMS-22-01	DLMS-22-19	DLMS-22-01	-	-	-	34.9	1000
MSP-24-01	MSP-24-19	MSPM-24-01	MSPM-24-19	DLMS-24-01	DLMS-24-19	DLMS-24-01	DLMS-24-19	-	-	38.1	1000

# DUAL LOCKING SPACERS

## Support Post

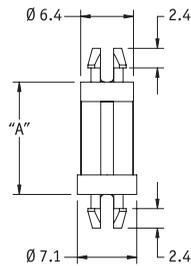
SR 2727

SP/MSPE

Natural

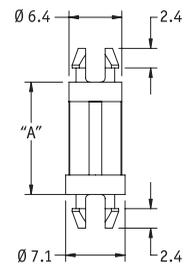


**SP1**  
Top Hole: Snap-lock:  $4 \pm 0.08$   
Panel Thickness: 1.57  
**Type 1**



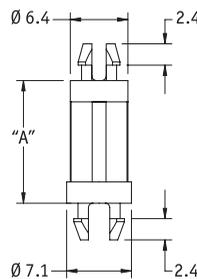
Bottom Hole: Snap-Lock:  $4 \pm 0.08$   
Panel Thickness: 1.57

**SP2**  
Top Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 1.57  
**Type 2**



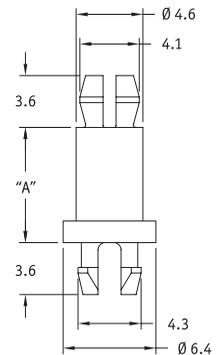
Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 1.57

**SP3**  
Top Hole: Snap-lock:  $4 \pm 0.08$   
Panel Thickness: 1.57  
**Type 3**



Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 1.57

**MSPE**  
Top Hole: Snap-fit:  $3.9 \pm 0.05$   
Panel Thickness: 1.57  
**Type 4**



Bottom Hole: Snap-lock:  $3.9 \pm 0.05$   
Panel Thickness: 1.57

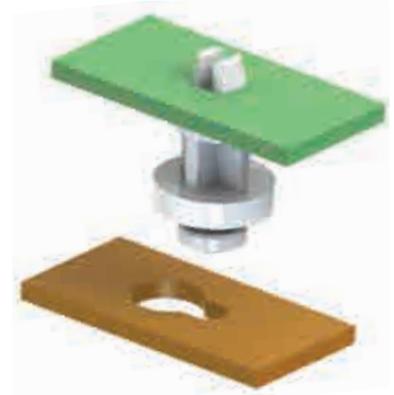
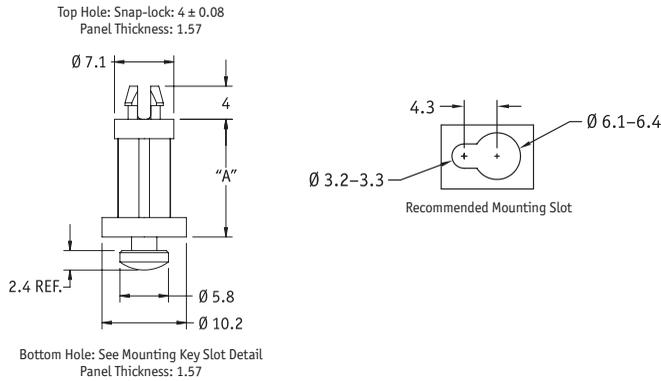
Part Number								"A" Standoff Height	Standard Pack Quantity
SP1 (Type 1)		SP2 (Type 2)		SP3 (Type 3)		MSPE (Type 4)			
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		
-	-	-	-	-	-	MSPE-2-01	MSPE-2-19	3.2	1000
SP1-3-01	SP1-3-19	SP2-3-01	SP2-3-19	SP3-3-01	SP3-3-19	MSPE-3-01	MSPE-3-19	4.8	1000
SP1-4-01	-	SP2-4-01	SP2-4-19	SP3-4-01	SP3-4-19	MSPE-4-01	-	6.4	1000
-	-	-	-	-	-	MSPE-5-01	-	7.9	1000
SP1-6-01	SP1-6-19	SP2-6-01	SP2-6-19	SP3-6-01	-	MSPE-6-01	MSPE-6-19	9.5	1000
-	-	-	-	-	-	MSPE-7-01	-	11.1	1000
SP1-8-01	SP1-8-19	-	SP2-8-19	SP3-8-01	SP3-8-19	MSPE-8-01	MSPE-8-19	12.7	1000
SP1-10-01	SP1-10-19	SP2-10-01	SP2-10-19	SP3-10-01	-	MSPE-10-01	MSPE-10-19	15.9	1000
-	-	-	-	-	-	MSPE-11-01	MSPE-11-19	17.5	1000
SP1-12-01	SP1-12-19	SP2-12-01	SP2-12-19	SP3-12-01	SP3-12-19	MSPE-12-01	MSPE-12-19	19.1	1000
SP1-14-01	-	SP2-14-01	SP2-14-19	SP3-14-01	SP3-14-19	MSPE-14-01	MSPE-14-19	22.2	1000
SP1-16-01	SP1-16-19	-	-	-	-	MSPE-16-01	MSPE-16-19	25.4	1000
-	-	-	-	-	-	MSPE-20-01	MSPE-20-19	31.8	1000
-	-	-	-	-	-	MSPE-22-01	MSPE-22-19	34.9	1000

## Key Slot Locking Support Post

SR 2728

KSLSP

Natural, Nylon 6/6, RMS-01



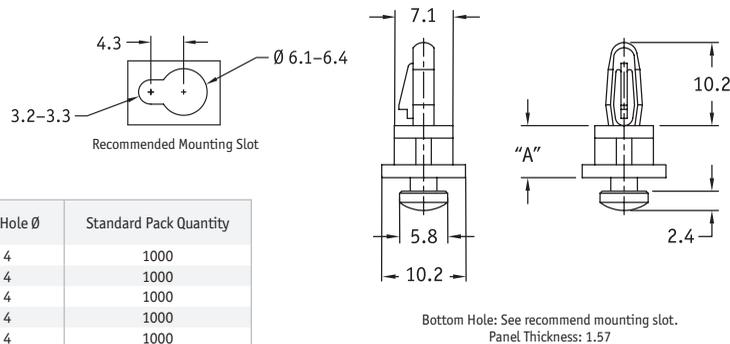
Part Number	"A" Standoff Height	Standard Pack Quantity
KSLSP1-3-01	4.8	1000
KSLSP1-4-01	6.4	1000
KSLSP1-6-01	9.5	1000
KSLSP1-8-01	12.7	1000

## Key Slot with Locking Bayonet Nose

SR 2729

KSLBN

Natural UL94 V2 Nylon 6/6, RMS-01



Part Number	"A" Standoff Height	Top Panel Thickness	Top Hole $\varnothing$	Standard Pack Quantity
KSLBN-2-01	3.2	1.57	4	1000
KSLBN-4-01	6.4	1.57	4	1000
KSLBN-6-01	9.5	1.57	4	1000
KSLBN-8-01	12.7	1.57	4	1000
KSLBN-2-2-01	3.2	2.4	4	1000
KSLBN-2-6-01	9.5	2.4	4	1000

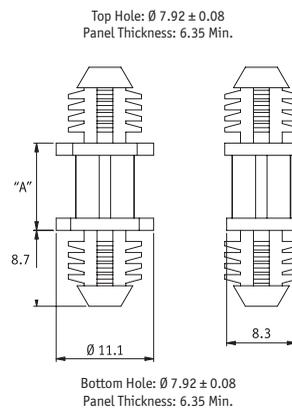
## Blind Hole Circuit Board Support

SR 2730

BHDF

Natural

Part Number		"A" Standoff Height	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-19	UL94 V-0 Nylon 6/6, RMS-19		
BHDF-3M-01	-	3	1000
BHDF-4M-01	BHDF-4M-19	4	1000
BHDF-6M-01	BHDF-6M-19	6	1000
BHDF-8M-01	BHDF-8M-19	8	1000
BHDF-12M-01	BHDF-12M-19	12	1000
BHDF-14M-01	BHDF-14M-19	14	1000
BHDF-16M-01	BHDF-16M-19	16	1000
BHDF-18M-01	BHDF-18M-19	18	1000
BHDF-20M-01	BHDF-20M-19	20	1000



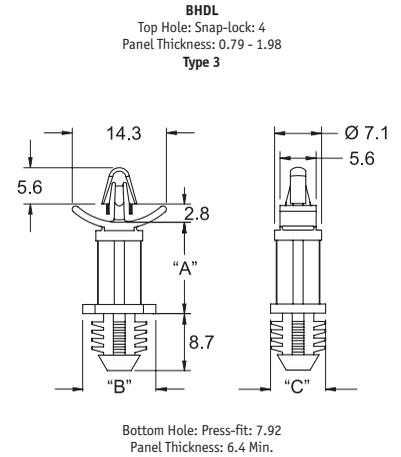
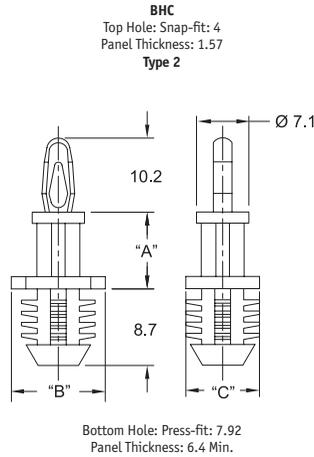
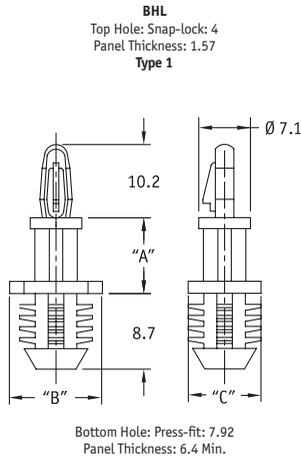
# DUAL LOCKING SPACERS

## Blind Hole Mount Circuit Board Supports

SR 2731

BHL/BHC/BHDL

Natural UL94 V2 Nylon 6/6, RMS-01



Part Number			"A" Standoff Height	"B"	"C"	Standard Pack Quantity
BHL (Type 1)	BHC (Type 2)	BHDL (Type 3)				
BHL-3-01	BHC-3-01	-	4.8	11.1	7.9	1000
BHL-4-01	BHC-4-01	BHDL-4-01	6.4	11.1	7.9	1000
BHL-6-01	BHC-6-01	BHDL-6-01	9.5	11.1	7.9	1000
BHL-7-01	-	-	11.1	11.1	7.9	1000
BHL-8-01	BHC-8-01	BHDL-8-01	12.7	11.1	7.9	1000
BHL-10-01	-	BHDL-10-01	15.9	11.1	7.9	1000
BHL-12-01	BHC-12-01	-	19.1	11.1	7.9	1000
BHL-14-01	BHC-14-01	-	22.2	11.1	7.9	1000

## Touch Control Spacer

SR 2733

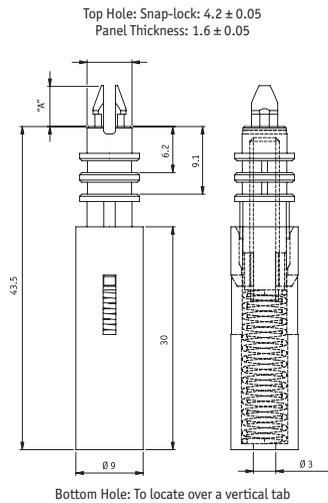
TCS

Natural

- Spring provides constant contact force between PCB mounted infrared sensors and touch panel cover
- Maximum travel: 3mm



Patented



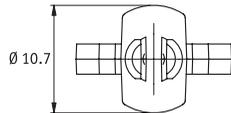
Part Number	"A" (mm)	Spacer Material	Spring Material	Standard Pack Quantity
TCS-1	5.4	Nylon 6/6, RMS-01	Stainless Steel, RMS-230	500
TCS-3	4.2	Nylon 6/6, RMS-01	Stainless Steel, RMS-230	500
TCS-4	4.2	Nylon 6/6, RMS-19	Stainless Steel, RMS-230	500

### Sprung Spacer

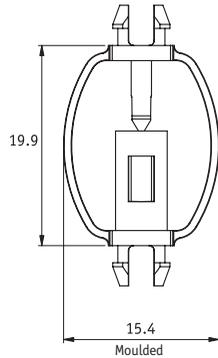
SR 2734

CBSP

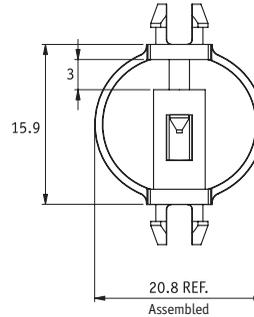
Natural Acetal, RMS-61



Top Hole: Snap-lock:  $\varnothing 4.8 \pm 0.08$   
Panel Thickness: 1.6



Bottom Hole: Snap-lock:  $\varnothing 4.8$   
Panel Thickness: 1.6



Part Number CBSP-1	Standard Pack Quantity 1000
-----------------------	--------------------------------

### Push Spacer on Adhesive Base

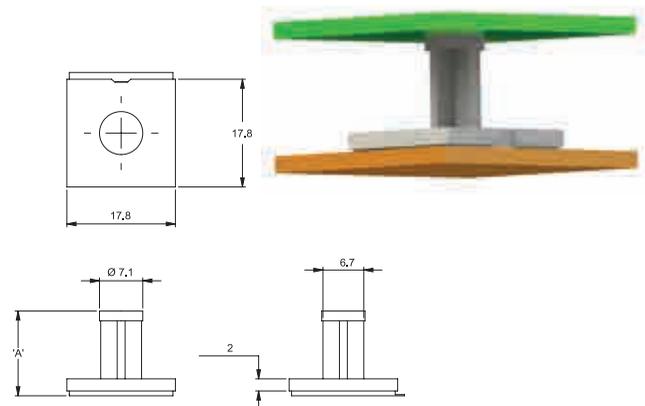
SR 2735

PSB

Natural UL94 V2 Nylon 6/6, RMS-01

Adhesive: 0.8 thick double-sided adhesive tape, RMS-24

Part Number	"A" (mm)	Standard Pack Quantity
PSB-6M-01A2-RT	6	1000
PSB-8M-01A2-RT	8	1000
PSB-10M-01A2-RT	10	1000
PSB-12M-01A2-RT	12	1000
PSB-14M-01A2-RT	14	1000
PSB-16M-01A2-RT	16	1000



### Miniature Push Spacer

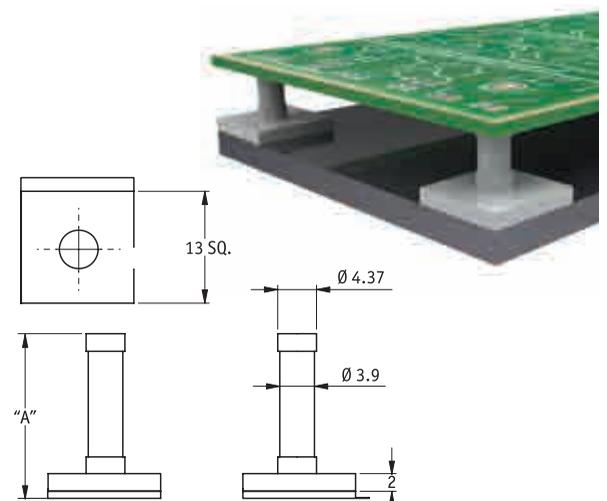
SR 2736

PSBM

Natural UL94 V-2 Nylon 6/6, RMS-01

Adhesive: 0.8 thick double-sided adhesive tape, RMS-24

Part Number	"A" Standoff Height	Standard Pack Quantity
PSBM-3-01A-RT	4.8	1000
PSBM-4-01A-RT	6.4	1000
PSBM-5-01A-RT	7.9	1000
PSBM-6-01A-RT	9.5	1000
PSBM-7-01A-RT	11.1	1000
PSBM-8-01A-RT	12.7	1000
PSBM-9-01A-RT	14.3	1000
PSBM-10-01A-RT	15.9	1000
PSBM-12-01A-RT	19.1	1000
PSBM-14-01A-RT	22.2	1000

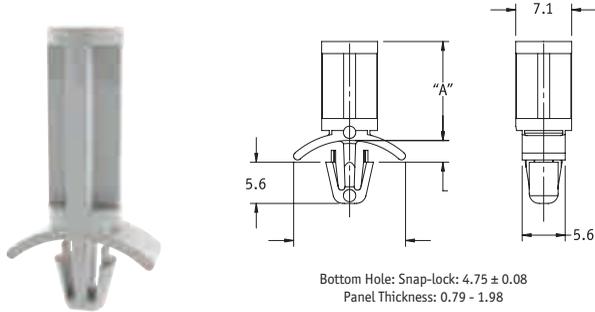


# PUSH SPACERS

## Push Spacer

SR 2737  
PS  
Natural

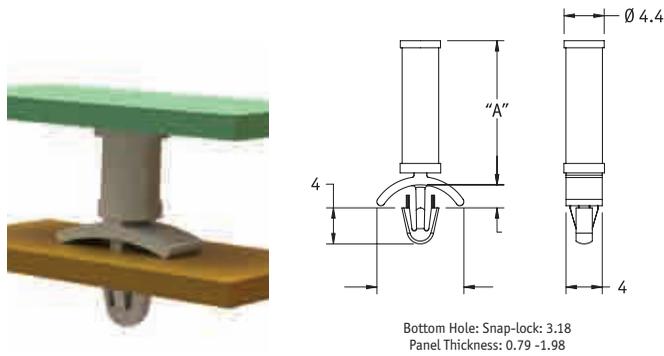
**Can't find the size you are looking for? Contact us!**



Part Number		"A" Standoff Height	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19		
PS-3-01	PS-3-19	4.8	1000
PS-4-01	PS-4-19	6.4	1000
PS-6-01	PS-6-19	9.5	1000
PS-7-01	PS-7-19	11.1	1000
PS-8-01	PS-8-19	12.7	1000
PS-10-01	PS-10-19	15.9	1000
PS-12-01	-	19.1	1000
PS-14-01	PS-14-19	22.2	1000

## Mini Push Spacer

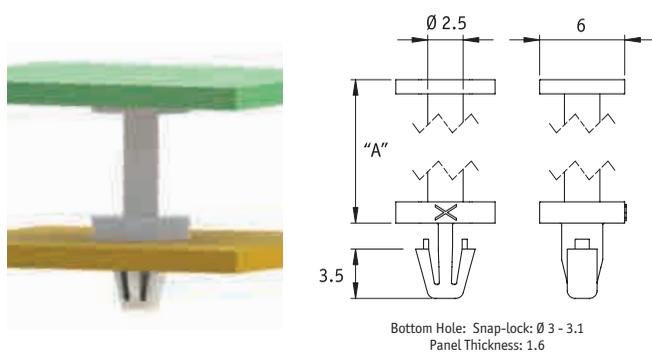
SR 2738  
PSM  
Natural UL94 V2 Nylon 6/6, RMS-01



Part Number	"A" Standoff Height	Standard Pack Quantity
PSM-2-01	3.2	1000
PSM-3-01	4.8	1000
PSM-4-01	6.4	1000
PSM-5-01	7.9	1000
PSM-6-01	9.5	1000
PSM-7-01	11.1	1000
PSM-8-01	12.7	1000
PSM-9-01	14.3	1000
PSM-10-01	15.9	1000

## Metric Push Spacer

SR 2739  
PSD  
Natural

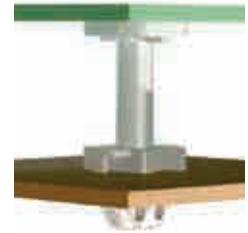
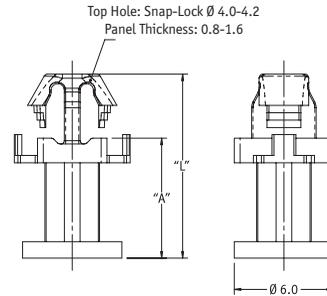


Part Number		"A" Standoff Height	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19		
PSD-4M-01	-	4	1000
PSD-6M-01	PSD-6M-19	6	1000
PSD-7M-01	PSD-7M-19	7	1000
PSD-8M-01	PSD-8M-19	8	1000
PSD-10M-01	PSD-10M-19	10	1000
PSD-12M-01	-	12	1000
PSD-14M-01	PSD-14M-19	14	1000
PSD-18M-01	PSD-18M-19	18	1000

## Push Spacer

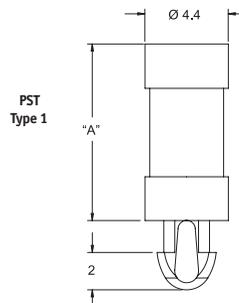
SR 2740  
PSE  
Natural

Part Number		"A" Standoff Height	"L"	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19			
PSE-4M-01	PSE-4M-19	4	7.9	1000
-	PSE-6M-19	6	9.9	1000
PSE-7M-01	PSE-7M-19	7	10.9	1000
PSE-8M-01	PSE-8M-19	8	11.9	1000

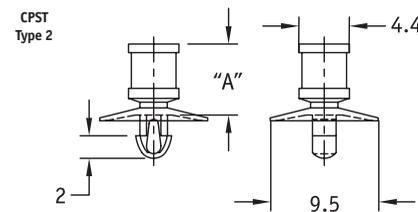


## Push Spacer Teardrop

SR 2741  
PST/CPST  
Natural



Bottom Hole: Snap-lock: 2.54 ± 0.05  
Panel Thickness: 1.63 Max.



Bottom Hole: Snap-lock: 2.54 ± 0.05  
Panel Thickness: 1.57 Max.



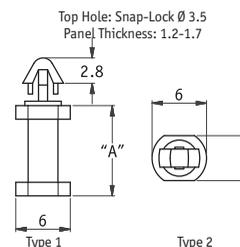
Part Number			"A" Standoff Height	Standard Pack Quantity
PST (Type 1)		CPST (Type 2)		
UL94 V2 Nylon 6/6, RMS-01	UL 94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01		
PST-1-01	PST-1-19	-	1.6	1000
PST-2-01	PST-2-19	CPST-2-01	3.2	1000
PST-3-01	PST-3-19	CPST-3-01	4.8	1000
PST-4-01	PST-4-19	CPST-4-01	6.4	1000
PST-5-01	PST-5-19	CPST-5-01	7.9	1000
PST-6-01	PST-6-19	CPST-6-01	9.5	1000
PST-7-01	PST-7-19	CPST-7-01	11.1	1000
PST-8-01	PST-8-19	-	12.7	1000
PST-9-01	PST-9-19	CPST-9-01	14.3	1000
PST-10-01	PST-10-19	CPST-10-01	15.9	1000

## Wide Base Push Spacers

SR 2742  
CBPSW  
Natural UL94 V2 Nylon 6/6

Part Number	"A" Standoff Height (mm)	Type	Standard Pack Quantity
CBPSW005A	3.0	1	2000
CBPSW010A	3.5	1	2000
CBPSW015A	4.0	1	2000
CBPSW020A	4.5	2	2000
CBPSW025A	5.0	3	2000
CBPSW030A	5.5	2	2000
CBPSW035A	6.0	2	2000
CBPSW040A	6.5	2	2000
CBPSW045A	7.0	2	2000
CBPSW050A	13.5	2	2000
CBPSW055A	26.0	2	2000

- Wide base design on both ends provides additional support for heavily loaded PCBs
- Eliminates the need for screws, nuts and lock washers from mounting process
- Type 1 is as Type 3 but with a solid stand-off body

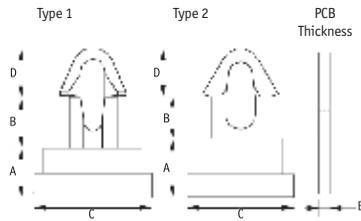


## Snap Fit Support Spacer

SR6431

Natural Nylon 6.6

- Prevents bending of large panels or circuit boards
- Simple snap in mounting very quick to install
- Large diameter supporting foot



Type 1 has a PCB hole of 2.0  
 Type 2 has a PCB hole of 2.5  
 Type 2 has a max PCB thickness of 1.6

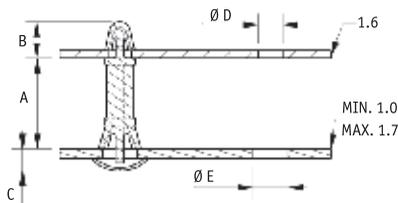
Part Number	Dimensions (mm)					Type	Standard Pack Quantity
	A	B	C	D	E		
10062000002	1.5	2	4.8	2.0	1.6	1	1000
10062010002	2	2.3	4.2	2.0	1.6	1	1000
10062020002	2.5	2	4.8	2.0	1.6	1	1000
10062030002	2	2	4.8	2.0	2.0	1	1000
10062040002	2	2	4.2	2.0	1.6	1	1000
10062050002	1.8	2	4.2	2.0	1.2	1	1000
10062060002	3	2	4.2	2.0	1.6	1	1000
10062070002	2.6	2	4.1	2.0	1.6	1	1000
10062080002	3.5	2	4.8	2.0	1.6	1	1000
10062090002	4	2	3.0	2.0	1.6	1	1000
10062100002	4	2.1	4.8	2.0	1.6	1	1000
10062110002	5	2	4.8	2.0	1.6	1	1000
10062120002	5.6	2	4.8	2.0	1.6	1	1000
10062130002	6	2.1	4.8	2.0	1.6	1	1000
10062140002	6.5	2.2	4.8	2.0	1.6	1	1000
10062150002	6.5	2	4.8	2.0	1.6	1	1000
10061260002	8	3	4.8	2.0	1.6	1	1000
10063000002	1.5	2.1	4.5	2.5	-	2	1000
10063010002	2.5	2.1	4.5	2.5	-	2	1000
10063020002	2.7	2.2	6.0	2.5	-	2	1000
10063030002	2.8	2	5.0	2.5	-	2	1000
10063040002	2.8	2	5.0	2.5	-	2	1000
10063050002	2.95	2	5.0	2.5	-	2	1000
10063060002	3.5	2	4.5	2.5	-	2	1000
10063070002	4	1.9	4.5	2.5	-	2	1000
10063080002	4.5	2.1	4.5	2.5	-	2	1000
10063090002	4	2	5.0	2.5	-	2	1000
10063100002	5	2	3.6	2.5	-	2	1000
10063110002	6.0	1.5	4.5	2.5	-	2	1000

## Domed PCB Spacer

SR6433

Natural Nylon 6.6

- PCB easily removed
- Reverse mounting
- Cupped base
- Snap-lock mounting
- PCB hole: 3.0 mm
- Chassis hole: 5.5 mm



Part Number	Dimensions (mm)					Standard Pack Quantity
	"A" Standoff Height	B	C	D	E	
100305200002	5	5.8	3	4	5.5	1000
100306000002	6	5.8	3	4	5.5	1000
100308000002	8	5.8	3	4	5.5	1000
100312000002	12	5.8	3	4	5.5	1000
100316000002	16	5.8	3	4	5.5	1000
100320000002	20	5.8	3	4	5.5	1000
100324000002	24	5.8	3	4	5.5	1000
100328000002	28	5.8	3	4	5.5	1000

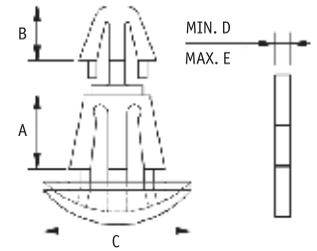
## Domed PCB Spacer

SR6432

Natural Nylon 6.6

- PCB easily removed
- Reverse mounting
- Cupped base
- Snap-lock mounting
- PCB hole: 3.0 mm
- Chassis hole: 4.0 mm

Part Number	Dimensions (mm)					Standard Pack Quantity
	"A" Standoff height	B	C	D	E	
100330600002	2.5	2.7	5.8	0.8	1.0	1000
100330700002	2.5	2.65	5.8	0.8	1.0	1000
100330800002	3.2	3.1	8.2	0.8	1.6	1000
100330900002	4	3.1	8.2	0.8	1.6	1000
100331000002	5	3.1	5.8	0.8	1.2	1000
100331100002	6	3.1	8.2	0.8 <td 1.6	1000	
100331200002	10	3.1	8.2	0.8	1.6	1000
100331300002	12	3.1	8.2	0.8	1.6	1000



## Domed PCB Spacer

SR 2743

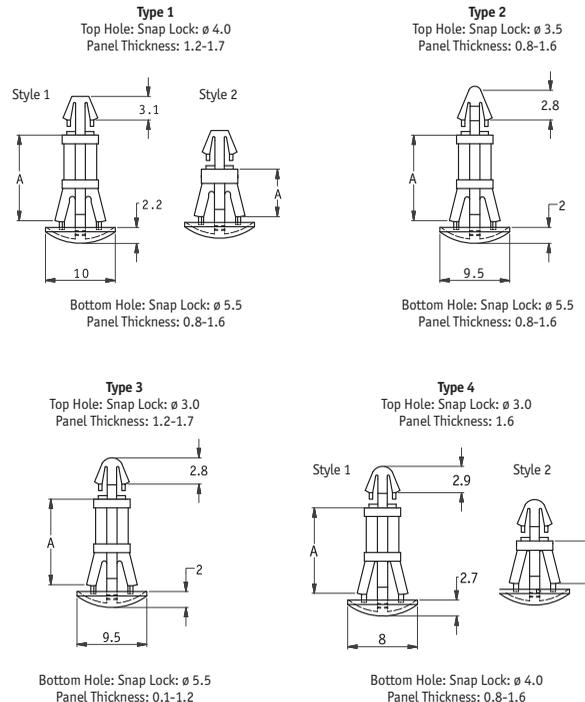
CBRLDS

Natural UL94 V2 Nylon 6/6

- PCB easily Removed
- Reverse mounting
- Cupped base
- Snap-lock mounting

Part Number Type 1	Part Number Type 2	Part Number Type 3	Part Number Type 4	Style*	"A" Standoff Height (mm)	Standard Pack Quantity
-	-	-	CBRLDS405A	2	2.5	2000
-	-	-	CBRLDS410A	2	3.2	2000
CBRLDS005A	CBRLDS205A	CBRLDS305A	-	2	3.5	1000
-	-	-	CBRLDS415A	2	4.0	2000
-	CBRLDS210A	CBRLDS310A	-	-	4.8	1000
CBRLDS010A	-	-	-	2	5.0	1000
-	-	-	CBRLDS420A	1	5.0	2000
-	-	-	CBRLDS425A	1	6.0	1000
CBRLDS015A	CBRLDS215A	CBRLDS315A	-	2	6.4	1000
CBRLDS020A	CBRLDS220A	CBRLDS320A	CBRLDS430A	1	7.0	1000
CBRLDS025A	CBRLDS225A	CBRLDS325A	CBRLDS435A	1	8.0	1000
CBRLDS030A	-	-	-	1	8.5	1000
-	-	-	CBRLDS440A	1	9.0	1000
CBRLDS035A	CBRLDS230A	CBRLDS330A	CBRLDS445A	1	10.0	1000
-	CBRLDS235A	CBRLDS335A	-	-	11.0	1000
CBRLDS040A	-	-	CBRLDS450A	1	12.0	1000
CBRLDS045A	CBRLDS240A	CBRLDS340A	-	1	12.7	1000
CBRLDS050A	-	-	-	1	13.5	1000
CBRLDS055A	-	-	CBRLDS455A	1	14.0	1000
CBRLDS060A	-	-	-	1	15.2	1000
CBRLDS065A	CBRLDS245A	CBRLDS345A	-	1	15.9	1000
-	-	-	CBRLDS460A	1	16.0	1000
CBRLDS070A	-	-	-	1	18.0	1000
CBRLDS075A	-	-	-	1	19.0	1000
CBRLDS080A	-	-	-	1	20.0	1000
CBRLDS085A	-	-	-	1	21.7	500
CBRLDS090A	-	-	-	1	24.0	500
CBRLDS095A	-	-	-	1	25.4	500
CBRLDS100A	-	-	-	1	30.0	500

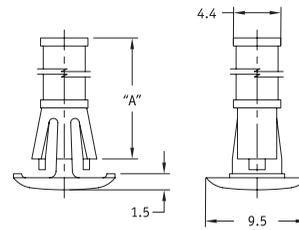
\*(Where Applicable)



# REVERSE LOCKING SPACERS

## Reverse Locking Circuit Board Support Round Hole Spacer

SR 2744  
RLCBSRS  
Natural Nylon 6/6, RMS-01

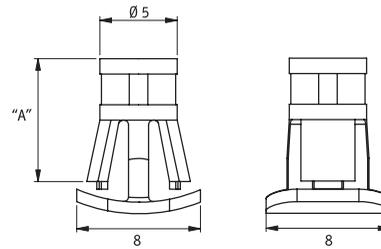


Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 1.5 - 1.6

Part Number	"A" Standoff Height	Standard Pack Quantity
RLCBSRS-4-01	6.4	1000
RLCBSRS-5-01	7.9	1000
RLCBSRS-6-01	9.5	1000
RLCBSRS-7-01	11.1	1000
RLCBSRS-8-01	12.7	1000
RLCBSRS-10-01	15.9	1000

## Metric Reverse Lock Circuit Board Support Push Spacer

SR 2745  
RLCBSB  
Natural UL94 V2 Nylon 6/6, RMS-01

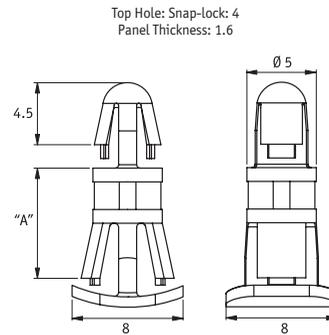


Bottom Hole: Snap-Lock: 5.5  
Panel Thickness: 0.5 - 1

Part Number	"A" Standoff Height	Standard Pack Quantity
RLCBSB-5-01	5	1000
RLCBSB-6-01	6	1000
RLCBSB-8-01	8	1000
RLCBSB-10-01	10	1000
RLCBSB-12-01	12	1000
RLCBSB-14-01	14	1000

## Metric Reverse Lock Circuit Board Support

SR 2746  
RLCBSA  
Natural UL94 V2 Nylon 6/6, RMS-01



Top Hole: Snap-lock: 4  
Panel Thickness: 1.6

Bottom Hole: Snap-Lock: 5.5  
Panel Thickness: 0.5 - 1

Part Number	"A" Standoff Height	Standard Pack Quantity
RLCBSA-5-01	5	1000
RLCBSA-6-01	6	1000
RLCBSA-8-01	8	1000
RLCBSA-10-01	10	1000
RLCBSA-12-01	12	1000
RLCBSA-14-01	14	1000

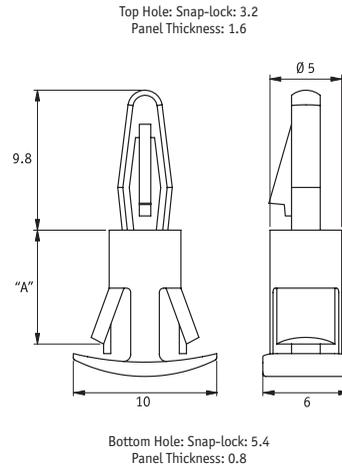
## Metric Reverse Lock Circuit Board Support

SR 2747

RLCBSC

Natural UL94 V2 Nylon 6/6, RMS-01

Part Number	"A" Standoff Height	Standard Pack Quantity
RLCBSC-5-01	5	1000
RLCBSC-6-01	6	1000
RLCBSC-8-01	8	1000
RLCBSC-10-01	10	1000
RLCBSC-12-01	12	1000
RLCBSC-14-01	14	1000

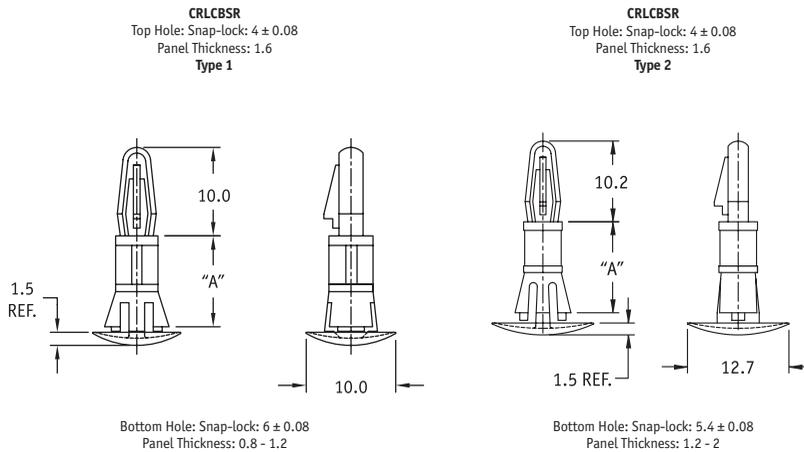


## Cupped Reverse Locking Circuit Board Support

SR 2748

CRLCBSR/CRLCBSRE

Can't find the size you are looking for? Contact us!



Part Number						"A" Standoff Height	Standard Pack Quantity
CRLCBSR (Type 1)			CRLCBSRE (Type 2)				
Natural Nylon 6/6, RMS-01	Black Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Natural Nylon 6/6, RMS-01	Black Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19		
CRLCBSR-3-01	CRLCBSR-3-01BK	CRLCBSR-3-19	-	-	-	4.8	1000
CRLCBSR-4-01	CRLCBSR-4-01BK	CRLCBSR-4-19	CRLCBSRE-4-01	CRLCBSRE-4-01BK	CRLCBSRE-4-19	6.4	1000
CRLCBSR-5-01	CRLCBSR-5-01BK	CRLCBSR-5-19	-	-	-	7.9	1000
CRLCBSR-6-01	CRLCBSR-6-01BK	CRLCBSR-6-19	CRLCBSRE-6-01	CRLCBSRE-6-01BK	CRLCBSRE-6-19	9.5	1000
CRLCBSR-8-01	CRLCBSR-8-01BK	CRLCBSR-8-19	CRLCBSRE-8-01	CRLCBSRE-8-01BK	CRLCBSRE-8-19	12.7	1000
-	-	-	CRLCBSRE-10-01	CRLCBSRE-10-01B	CRLCBSRE-10-19	15.9	1000
CRLCBSR-12-01	CRLCBSR-12-01BK	-	-	-	-	19.1	1000

# REVERSE LOCKING SPACERS

## Reverse Mounted Circuit Board Support Round Hole

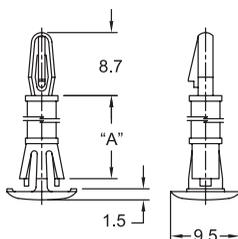
SR 2749

RLCBSR/RLCBSRE/RLCBSR/RCBSR

Can't find the size you are looking for? Contact us!

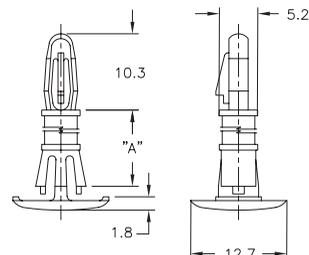


**RLCBSR**  
Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.6  
**Type 1**



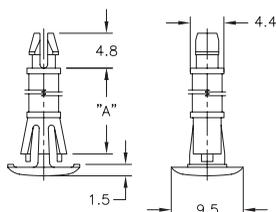
Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 1.5 - 1.6

**RLCBSRE**  
Top Hole: Snap-lock:  $4 \pm 0.08$   
Panel Thickness: 1.6  
**Type 2**



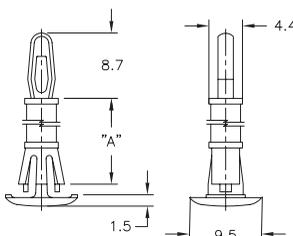
Bottom Hole: Snap-lock:  $5.41 \pm 0.08$   
Panel Thickness: 1.5 - 1.65

**RLCBSR**  
Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.6  
**Type 3**



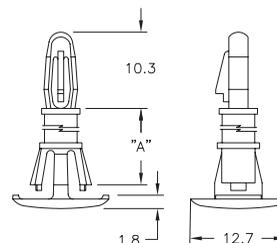
Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 1.5 - 1.6

**RCBSR**  
Top Hole: Snap-fit:  $3.18 \pm 0.05$   
Panel Thickness: 1.6  
**Type 4**



Bottom Hole: Snap-lock:  $4.75 \pm 0.08$   
Panel Thickness: 1.5 - 1.6

**RLCBSR1**  
Top Hole: Snap-lock:  $4 \pm 0.08$   
Panel Thickness: 1.6  
**Type 5**



Bottom Hole: Snap-lock:  $6.35 \pm 0.08$   
Panel Thickness: 1.5 - 1.65

Part Number					"A" Stand-off Height	Material	Standard Pack Quantity
RLCBSR (Type 1)	RLCBSRE (Type 2)	RLCBSR (Type 3)	RCBSR (Type 4)	RLCBSR1 (Type 5)			
RLCBSR-4-01	RLCBSRE-4-01	RLCBSR-4-01	RCBSR-4-01	RLCBSR1-4-01	6.4	Natural UL94 V2 Nylon, RMS-01	1000
RLCBSR-5-01	-	RLCBSR-5-01	-	-	7.9	Natural UL94 V2 Nylon, RMS-01	1000
RLCBSR-6-01	RLCBSRE-6-01	RLCBSR-6-01	RCBSR-6-01	RLCBSR1-6-01	9.5	Natural UL94 V2 Nylon, RMS-01	1000
RLCBSR-7-01	-	RLCBSR-7-01	RCBSR-7-01	-	11.1	Natural UL94 V2 Nylon, RMS-01	1000
RLCBSR-8-01	RLCBSRE-8-01	RLCBSR-8-01	RCBSR-8-01	RLCBSR1-8-01	12.7	Natural UL94 V2 Nylon, RMS-01	1000
RLCBSR-9-01	-	RLCBSR-9-01	RCBSR-9-01	-	14.3	Natural UL94 V2 Nylon, RMS-01	1000
RLCBSR-10-01	RLCBSRE-10-01	RLCBSR-10-01	RCBSR-10-01	-	15.9	Natural UL94 V2 Nylon, RMS-01	1000
RLCBSR-4-19	-	RLCBSR-4-19	-	-	6.4	Natural UL94 V0 Nylon, RMS-19	1000
RLCBSR-5-19	-	RLCBSR-5-19	-	-	7.9	Natural UL94 V0 Nylon, RMS-19	1000
RLCBSR-6-19	-	RLCBSR-6-19	-	-	9.5	Natural UL94 V0 Nylon, RMS-19	1000
RLCBSR-7-19	-	RLCBSR-7-19	-	-	11.1	Natural UL94 V0 Nylon, RMS-19	1000
RLCBSR-8-19	-	RLCBSR-8-19	-	-	12.7	Natural UL94 V0 Nylon, RMS-19	1000
RLCBSR-9-19	-	RLCBSR-9-19	-	-	14.3	Natural UL94 V0 Nylon, RMS-19	1000
RLCBSR-10-19	-	RLCBSR-10-19	-	-	15.9	Natural UL94 V0 Nylon, RMS-19	1000
RLCBSR-4-01BK	RLCBSRE-4-01BK	RLCBSR-4-01BK	-	RLCBSR1-4-01BK	6.4	Black UL94 V2 Nylon, RMS-01	1000
RLCBSR-5-01BK	-	RLCBSR-5-01BK	-	-	7.9	Black UL94 V2 Nylon, RMS-01	1000
RLCBSR-6-01BK	RLCBSRE-6-01BK	-	-	RLCBSR1-6-01BK	9.5	Black UL94 V2 Nylon, RMS-01	1000
RLCBSR-7-01BK	-	RLCBSR-7-01BK	-	-	11.1	Black UL94 V2 Nylon, RMS-01	1000
RLCBSR-8-01BK	RLCBSRE-8-01BK	-	-	-	12.7	Black UL94 V2 Nylon, RMS-01	1000
RLCBSR-9-01BK	-	-	-	-	14.3	Black UL94 V2 Nylon, RMS-01	1000
-	RLCBSRE-10-01BK	-	-	-	15.9	Black UL94 V2 Nylon, RMS-01	1000

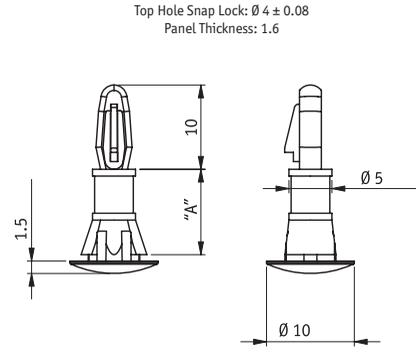
## Metric Reverse Locking Circuit Board Support

SR 2750

CRLCBSM

Natural UL94 V0 Nylon 6/6, RMS-19

Part Number	"A" Standoff Height	Panel Thickness	Standard Pack Quantity
CRLCBSM-5-19	5	0.8 - 1.2	1000
CRLCBSM-6-19	6	0.8 - 1.2	1000
CRLCBSM-7-19	7	0.8 - 1.2	1000
CRLCBSM-10-19	10	0.8 - 1.2	1000
CRLCBSM-12-19	12	0.8 - 1.2	1000
CRLCBSM-14-19	14	0.8 - 1.2	1000
CRLCBSM-16-19	16	0.8 - 1.2	1000
CRLCBSM1-5-19	5	1.6 - 2.0	1000
CRLCBSM1-6-19	6	1.6 - 2.0	1000
CRLCBSM1-7-19	7	1.6 - 2.0	1000
CRLCBSM1-8-19	8	1.6 - 2.0	1000
CRLCBSM1-9-19	9	1.6 - 2.0	1000
CRLCBSM1-10-19	10	1.6 - 2.0	1000
CRLCBSM1-12-19	12	1.6 - 2.0	1000
CRLCBSM1-16-19	16	1.6 - 2.0	1000



Top Hole Snap Lock:  $\varnothing 4 \pm 0.08$   
Panel Thickness: 1.6

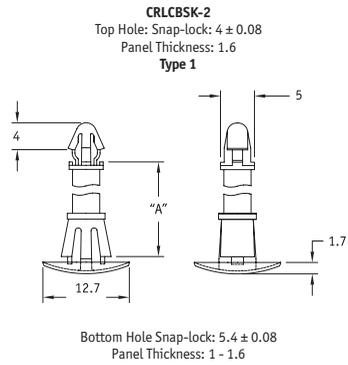
Bottom Hole Snap-lock:  $\varnothing 6 \pm 0.08$   
Panel Thickness: see table



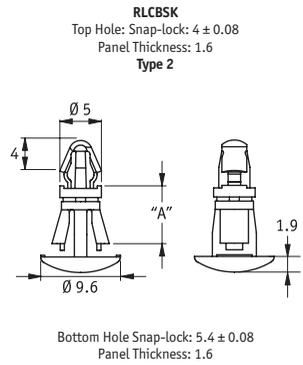
## Cupped Reverse Locking Circuit Board Support

SR 2751

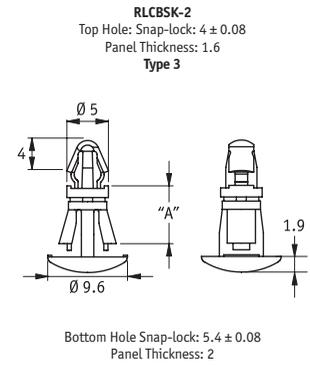
RLCBSK/CRLCBSK



Bottom Hole Snap-lock:  $5.4 \pm 0.08$   
Panel Thickness: 1 - 1.6



Bottom Hole Snap-lock:  $5.4 \pm 0.08$   
Panel Thickness: 1.6



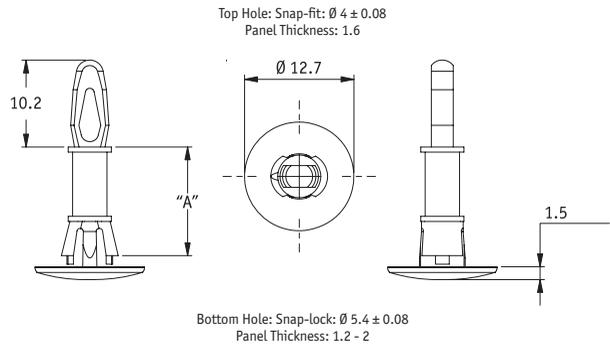
Bottom Hole Snap-lock:  $5.4 \pm 0.08$   
Panel Thickness: 2



Part Number						"A" Standoff Height	Material	Standard Pack Quantity
CRLCBSK-2 (Type 1)		RLCBSK (Type 2)		RLCBSK-2 (Type 3)				
Natural	Black	Natural	Black	Natural	Black			
-	-	RLCBSK-6-01	RLCBSK-6-01BK	RLCBSK-2-6-01	RLCBSK-2-6-01BK	6	Nylon 6/6, RMS-01	1000
-	-	RLCBSK-7-01	-	RLCBSK-2-7-01	-	7	Nylon 6/6, RMS-01	1000
CRLCBSK-2-8-01	-	RLCBSK-8-01	RLCBSK-8-01BK	RLCBSK-2-8-01	RLCBSK-2-8-01BK	8	Nylon 6/6, RMS-01	1000
CRLCBSK-2-10-01	CRLCBSK2-10-01B	RLCBSK-10-01	RLCBSK-10-01BK	RLCBSK-2-10-01	RLCBSK2-10-01BK	10	Nylon 6/6, RMS-01	1000
CRLCBSK-2-12-01	CRLCBSK2-12-01B	RLCBSK-12-01	-	RLCBSK-2-12-01	-	12	Nylon 6/6, RMS-01	1000
-	-	RLCBSK-14-01	-	-	RLCBSK2-14-01BK	14	Nylon 6/6, RMS-01	1000
-	-	RLCBSK-16-01	-	RLCBSK-2-16-01	-	16	Nylon 6/6, RMS-01	1000
-	-	RLCBSK-6-19	-	RLCBSK-2-6-19	-	6	UL94 V0 Nylon 6/6, RMS-19	1000
-	-	RLCBSK-7-19	-	-	-	7	UL94 V0 Nylon 6/6, RMS-19	1000
CRLCBSK-2-8-19	-	RLCBSK-8-19	-	RLCBSK-2-8-19	-	8	UL94 V0 Nylon 6/6, RMS-19	1000
CRLCBSK-2-10-19	-	RLCBSK-10-19	-	RLCBSK-2-10-19	-	10	UL94 V0 Nylon 6/6, RMS-19	1000
-	-	RLCBSK-12-19	-	-	-	12	UL94 V0 Nylon 6/6, RMS-19	1000
CRLCBSK-2-14-19	-	RLCBSK-14-19	-	RLCBSK-2-14-19	-	14	UL94 V0 Nylon 6/6, RMS-19	1000
-	-	RLCBSK-16-19	-	RLCBSK-2-16-19	-	16	UL94 V0 Nylon 6/6, RMS-19	1000

## Reverse Locking Circuit Board Support

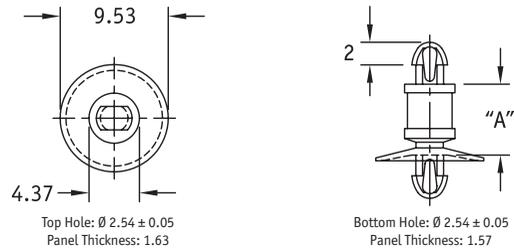
SR 2752  
CRCBSRE  
Natural



Part Number		"A" Standoff Height	Standard Pack Quantity
UL94 V-2 Nylon 6/6, RMS-01	UL94 V-0 Nylon 6/6, RMS-19		
CRCBSRE-3-01	CRCBSRE-3-19	4.8	1000
CRCBSRE-4-01	CRCBSRE-4-19	6.4	1000
CRCBSRE-6-01	CRCBSRE-6-19	9.5	1000
CRCBSRE-8-01	CRCBSRE-8-19	12.7	1000
CRCBSRE-10-01	CRCBSRE-10-19	15.9	1000

## Cupped Dual Locking Circuit Board Support

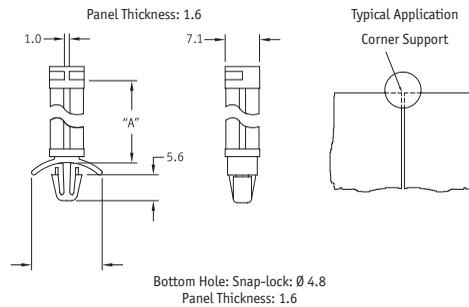
SR2753  
CHDLCBST  
Natural UL94 V-2 Nylon 6/6, RMS-01



Part Number	"A" Standoff Height	Standard Pack Quantity
CHDLCBST-2-01	3.18	1000
CHDLCBST-3-01	4.76	1000
CHDLCBST-4-01	6.35	1000
CHDLCBST-7-01	11.11	1000
CHDLCBST-8-01	12.7	1000

## Locking Corner Edge Circuit Board Support

SR 2754  
CHCBS  
Natural UL94 V2 Nylon 6/6, RMS-01



Part Number	"A" Standoff Height	Standard Pack Quantity
CHCBS-3-01	4.8	1000
CHCBS-4-01	6.4	1000
CHCBS-6-01	9.5	1000
CHCBS-10-01	15.9	1000
-	22.2	1000

## Corner Edge Holding Circuit Board Support

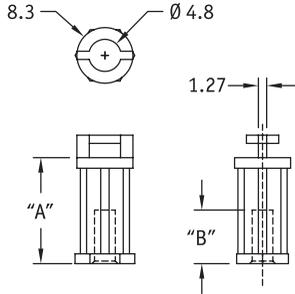
SR 2745

TCEHCBS/MSEHCBS

Natural Nylon 6/6, RMS-01

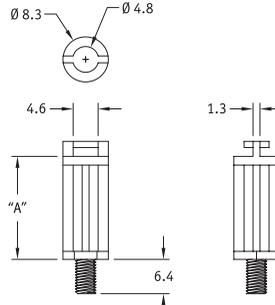


**TCEHCBS**  
Top Panel Thickness: 1.57  
Type 1

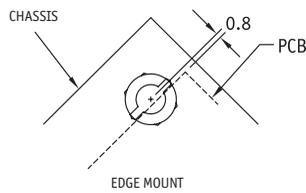
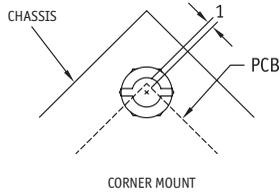


Bottom Hole: For Metal # 6 (M3.5) Type "B" Self-Tapping Screw

**MSEHCBS**  
Top Panel Thickness: 1.6  
Type 2



Bottom Hole: M4 Thread



Part Number	"A" Standoff Height	"B"	Type	Standard Pack Quantity
TCEHCBS-4-01	6.4	5.2	1	1000
TCEHCBS-6-01	9.5	7.9	1	1000
TCEHCBS-8-01	12.7	7.9	1	1000
TCEHCBS-10-01	15.9	7.9	1	1000
TCEHCBS-12-01	19.1	7.9	1	1000
TCEHCBS-14-01	22.2	7.9	1	1000
MSEHCBS-4-01	6.4	5.2	2	1000
MSEHCBS-6-01	9.5	7.9	2	1000
MSEHCBS-8-01	12.7	7.9	2	1000
MSEHCBS-10-01	15.9	7.9	2	1000
MSEHCBS-12-01	19.1	7.9	2	1000
MSEHCBS-14-01	22.2	7.9	2	1000

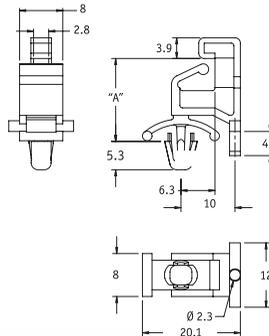
## Universal Board Mount

SR 2756

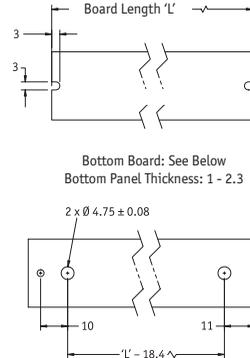
UBM & UBMC

Natural

**UBM**  
Type 1

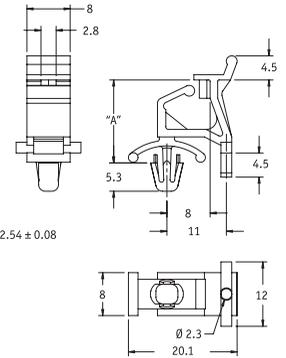


**MOUNTING LAYOUT**  
Top Board: See Below  
Top Panel Thickness: 1.6 - 2.3



Bottom Board: See Below  
Bottom Panel Thickness: 1 - 2.3

**UBMC**  
Type 2



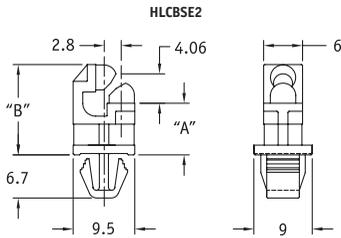
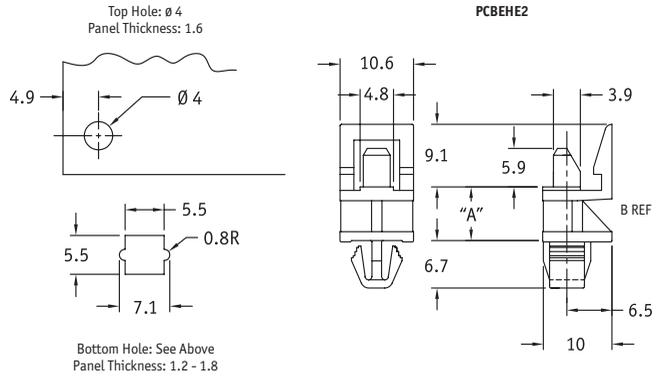
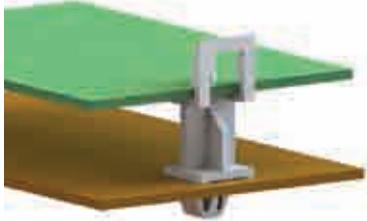
Part Number	"A" Standoff Height	Standard Pack Quantity
UBM (Type 1)		
UBMC (Type 2)		
Nylon 6/6, RMS-01		
Nylon 6/6, RMS-01		
UBM-12.3M-01	12.3	500
UBMC-12.3M-01		
UBM-15.5M-01	15.5	500
UBMC-15.5M-01		
UBM-22.0M-01	22	500

## Hinged Locking Circuit Board Support System

SR 2757

HLCBSE2 & PCBEHE2, UL94 V2 Nylon 6/6, RMS-01

Natural



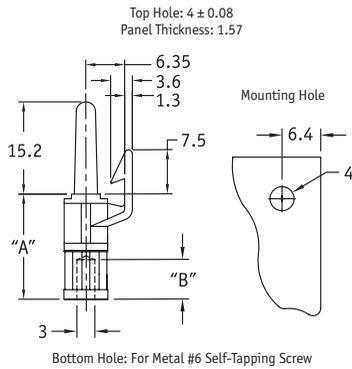
Part Number	"A" Standoff Height	"B"	Part Number	"A" Standoff Height	"B"	Standard Pack Quantity
HLCBSE2-4M-01	4	10	PCBEHE2-4M-01	4	13.1	1000
HLCBSE2-6M-01	6	12	PCBEHE2-6M-01	6	15.1	1000
HLCBSE2-8M-01	8	14	PCBEHE2-8M-01	8	17.1	1000
HLCBSE2-10M-01	10	16	PCBEHE2-10M-01	10	19.1	1000
HLCBSE2-12M-01	12	18	PCBEHE2-14M-01	14	23.1	1000
HLCBSE2-25M-01	25	31	PCBEHE2-25M-01	25	34.1	1000
HLCBSE2-30M-01	30	36	PCBEHE2-30M-01	30	39.1	1000

## Edge Holding Circuit Board Support

SR 2758

TEHCBS

Natural



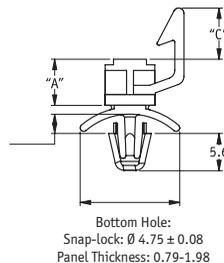
Part Number		"A" Standoff Height	"B"	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19			
TEHCBS-4-01	TEHCBS-4-19	6.4	6.4	1000
TEHCBS-5-01	-	7.9	5.2	1000
TEHCBS-6-01	TEHCBS-6-19	9.5	6.4	1000
TEHCBS-8-01	TEHCBS-8-19	12.7	6.4	1000
TEHCBS-10-01	TEHCBS-10-19	15.9	6.4	1000
TEHCBS-12-01	TEHCBS-12-19	19.1	6.4	1000
-	TEHCBS-14-19	22.2	6.4	1000
-	TEHCBS-16-19	25.4	6.4	1000

## Edge Holding Circuit Board Support, No Nose

SR 2759

EHCBS-9/10

Natural, UL94 V2 Nylon 6/6, RMS-01



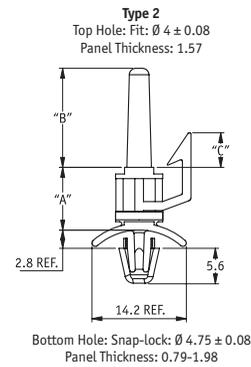
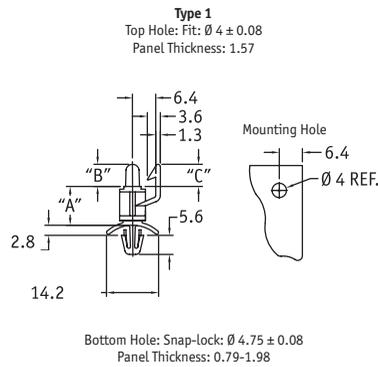
Part Number		"A" Standoff Height	Standard Pack Quantity
"C" = 6.1	"C" = 7.5		
EHCBS-9-5-01	EHCBS-10-5-01	7.9	1000
EHCBS-9-6-01	EHCBS-10-6-01	9.5	1000
-	EHCBS-10-8-01	12.7	1000
EHCBS-9-10-01	EHCBS-10-10-01	15.9	1000
-	EHCBS-10-12-01	19.1	1000
-	EHCBS-10-14-01	22.2	1000
-	EHCBS-10-16-01	25.4	1000

## Edge Holding Circuit Board Support

SR 2760

EHCBS

Natural



Part Number								"A"	Standard Pack Quantity
Type 1				Type 2					
"B" = 15.2 "C" = 7.5		"B" = 6.1 "C" = 6.1		"B" = 6.1 "C" = 7.5		"B" = 15.2 "C" = 6.1			
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		
EHCBS-5-01	EHCBS-5-19	EHCBS-6-5-01	EHCBS-6-5-19	EHCBS-7-5-01	EHCBS-7-5-19	EHCBS-8-5-01	-	7.9	1000
EHCBS-6-01	-	EHCBS-6-6-01	EHCBS-6-6-19	EHCBS-7-6-01	EHCBS-7-6-19	EHCBS-8-6-01	-	9.5	1000
EHCBS-8-01	EHCBS-8-19	EHCBS-6-8-01	EHCBS-6-8-19	EHCBS-7-8-01	EHCBS-7-8-19	EHCBS-8-8-01	EHCBS-8-8-19	12.7	1000
EHCBS-10-01	EHCBS-10-19	-	EHCBS-6-10-19	-	EHCBS-7-10-19	EHCBS-8-10-01	EHCBS-8-10-19	15.9	1000
EHCBS-12-01	-	EHCBS-6-12-01	EHCBS-6-12-19	EHCBS-7-12-01	EHCBS-7-12-19	EHCBS-8-12-01	EHCBS-8-12-19	19.1	1000
-	EHCBS-14-19	-	EHCBS-6-14-19	-	EHCBS-7-14-19	EHCBS-8-14-01	EHCBS-8-14-19	22.2	1000
EHCBS-16-01	EHCBS-16-19	EHCBS-6-16-01	EHCBS-6-16-19	EHCBS-7-16-01	EHCBS-7-16-19	EHCBS-8-16-01	EHCBS-8-16-19	25.4	1000

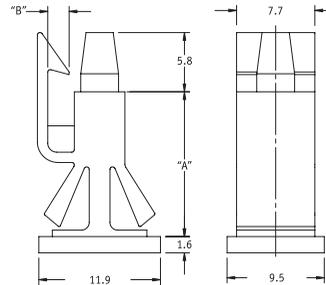
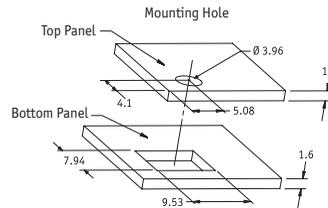
## Reverse Locking Edge Holding Circuit Board Support

SR 2761

RLEHCBS

Black, UL94 V2 Nylon 6/6,

RMS-01



Part number	"A" Standoff Height	"B"	Standard Pack Quantity
RLEHCBS-5-01BK	9.5	1.5	1000
RLEHCBS-6-01BK	11.1	1.5	1000
RLEHCBS-7-01BK	12.7	2.1	1000
RLEHCBS-8-01BK	14.3	2.1	1000

## Expansion Grommet

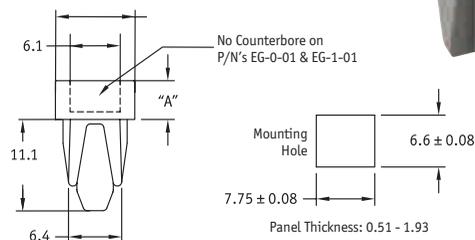
SR 2762

EG

Natural, Nylon 6/6, RMS-01

Part Number	"A" Standoff Height	Standard Pack Quantity
EG-0-01	0.8	1000
EG-1-01	1.6	1000
EG-2-01	3.2	1000
EG-3-01	4.8	1000
EG-4-01	6.4	1000
EG-5-01	7.9	1000
EG-7-01	11.1	1000
EG-8-01	12.7	1000

Top Hole: For 4.2 mm or 4.8 mm  
Self-Tapping Sheet Metal Screw

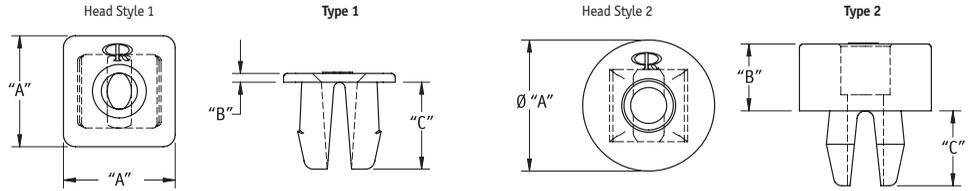


## Self-Retaining Screw Grommet

SR 2763

SRSg

Nylon 6/6, RMS-01



Part Number	"A" Head Size	"B" Head Thickness	"C" Prong Length	Mounting Hole Size (Square)	Panel Thickness Range	Metal Self-Tapping Screw Size (mm)	Type	Head Style	Standard Pack Quantity
SRSg6-04-01	9.7 x 9.7	1	7.1	6.22-6.48	0.79-3.18	3.5	1	1	1000
SRSg-1D	12.4 Dia.	6.1-6.6	7.1	7.14-7.26	0.79-2.77*	4.2 or 4.8	2	2	1000
SRSg-2D	12.4 Dia.	7.8-8.1	7.1	7.14-7.26	0.79-2.77*	4.2 or 4.8	2	2	1000
SRSg-3D	12.4 Dia.	9.1-9.9	7.1	7.14-7.26	0.79-2.77*	4.2 or 4.8	2	2	1000
SRSg-4D	12.4 Dia.	12.3-13.1	7.1	7.14-7.26	0.79-2.77*	4.2 or 4.8	2	2	1000
SRSg-5D	12.4 Dia.	15.5-16.3	7.1	7.14-7.26	0.79-2.77*	4.2 or 4.8	2	2	1000
SRSg-6D	12.4 Dia.	17.1-17.8	7.1	7.14-7.26	0.79-2.77*	4.2 or 4.8	2	2	1000
SRSg-7S	10.3 x 10.3	0.7 - 1	8.3	6.99-7.37	0.79-3.3	4.2 or 4.8	1	1	1000
SRSg-8S	10.3 x 10.3	1.4 - 1.7	8.3	6.99-7.37	0.79-3.3	4.2 or 4.8	1	1	1000
SRSg-9D	12.7 Dia.	2.4-2.6	8.3	7.11-7.49	0.79-3.96	4.2 or 4.8	1	2	1000
SRSg-10D	12.7 Dia.	3.2-3.4	8.3	7.11-7.49	0.79-3.96	4.2 or 4.8	1	2	1000
SRSg-11D	12.7 Dia.	9.1-9.9	8.3	7.11-7.49	0.79-3.96	4.2 or 4.8	1	2	1000

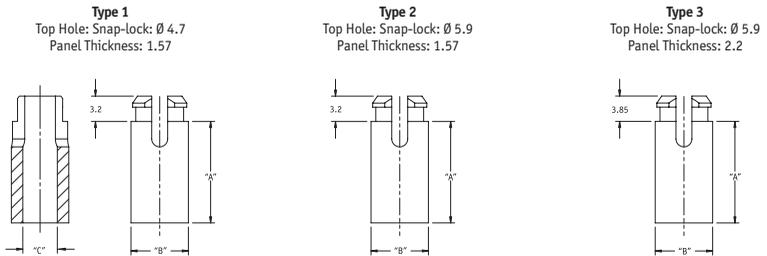
\*At minimum panel thickness, part will only function with a 4.8 mm screw.

## Self-Retaining Spacer

SR 2764

SRS

Natural



Part Number				"A" Standoff Height	Material	Standard Pack Quantity
Type 1	Type 2	Type 3				
For M3 Screw	For M3.5 Screw	For M4 Screw				
"B" = 6.4 "C" = 3.2	"B" = 7.1 "C" = 3.9	"B" = 7.1 "C" = 4.3				
SRS4-2-01	-	-	-	3.2	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-3-01	-	SRS8-3-01	SRS8-2-3-01	4.8	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-4-01	SRS6-4-01	SRS8-4-01	SRS8-2-4-01	6.4	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-5-01	SRS6-5-01	SRS8-5-01	SRS8-2-5-01	7.9	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-6-01	SRS6-6-01	SRS8-6-01	SRS8-2-6-01	9.5	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-7-01	SRS6-7-01	SRS8-7-01	SRS8-2-7-01	11.1	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-8-01	SRS6-8-01	SRS8-8-01	SRS8-2-8-01	12.7	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-10-01	SRS6-10-01	SRS8-10-01	SRS8-2-10-01	15.9	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-12-01	SRS6-12-01	SRS8-12-01	SRS8-2-12-01	19.1	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-14-01	SRS6-14-01	-	SRS8-2-14-01	22.2	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-16-01	SRS6-16-01	SRS8-16-01	SRS8-2-16-01	25.4	UL94 V2 Nylon 6/6, RMS-01	1000
SRS4-2-19	-	-	-	3.2	UL94 V0 Nylon 6/6, RMS-19	1000
SRS4-3-19	-	SRS8-3-19	SRS8-2-3-19	4.8	UL94 V0 Nylon 6/6, RMS-19	1000
-	SRS6-4-19	-	SRS8-2-4-19	6.4	UL94 V0 Nylon 6/6, RMS-19	1000
SRS4-5-19	-	-	SRS8-2-5-19	7.9	UL94 V0 Nylon 6/6, RMS-19	1000
-	-	-	SRS8-2-6-19	9.5	UL94 V0 Nylon 6/6, RMS-19	1000
SRS4-7-19	-	SRS8-7-19	SRS8-2-7-19	11.1	UL94 V0 Nylon 6/6, RMS-19	1000
SRS4-8-19	-	SRS8-8-19	-	12.7	UL94 V0 Nylon 6/6, RMS-19	1000
SRS4-10-19	-	-	-	15.9	UL94 V0 Nylon 6/6, RMS-19	1000
-	-	-	SRS8-2-12-19	19.1	UL94 V0 Nylon 6/6, RMS-19	1000
SRS4-14-19	-	-	SRS8-2-14-19	22.2	UL94 V0 Nylon 6/6, RMS-19	1000
-	-	-	SRS8-2-16-19	25.4	UL94 V0 Nylon 6/6, RMS-19	1000

## Stackable Self-Retaining Spacer

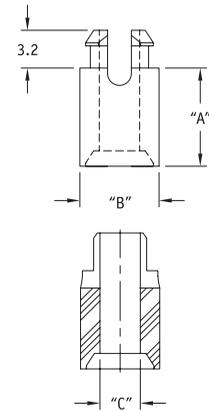
SR 2765

SSRS

Natural, UL94 V2 Nylon 6/6, RMS-01

Part Number			"A" Standoff Height	Standard Pack Quantity
For M3 Screw	For M3 Screw	For M4 Screw		
"B" = 6.6 "C" = 3.3 Top Hole = 4.75±0.08	"B" = 7.9 "C" = 3.9 Top Hole = 5.94±0.08	"B" = 7.9 "C" = 4.3 Top Hole = 5.94±0.08		
SSRS4-2-01	-	-	3.2	1000
SSRS4-3-01	-	-	4.8	1000
SSRS4-4-01	SSRS6-4-01	SSRS8-4-01	6.4	1000
SSRS4-5-01	SSRS6-5-01	SSRS8-5-01	7.9	1000
SSRS4-6-01	SSRS6-6-01	SSRS8-6-01	9.5	1000
SSRS4-7-01	SSRS6-7-01	SSRS8-7-01	11.1	1000
SSRS4-8-01	SSRS6-8-01	SSRS8-8-01	12.7	1000
SSRS4-10-01	SSRS6-10-01	SSRS8-10-01	15.9	1000
-	-	SSRS8-12-01	19.1	1000
-	SSRS6-14-01	SSRS8-14-01	22.2	1000
-	SSRS6-16-01	SSRS8-16-01	25.4	1000

Top Hole: Locking: See Table  
Panel Thickness: 1.57

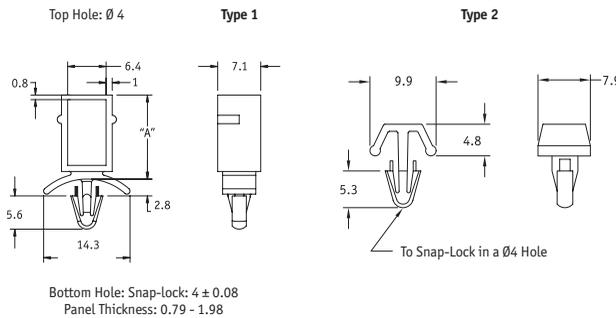


## Circuit Board Stacking Spacer

SR 2766

CBSS

Natural



Spacer (Type 1)		Mounting Button (Type 2)		Standard Pack Quantity
Natural Nylon 6/6, RMS-01	"A" Standoff Height	Natural UL94 V2 Nylon 6/6, RMS-01	Total Holding Thickness	
CBSS-8-01	10.9	MB-1-156	0.8 - 2.4	1000
CBSS-10-01	14	MB-1-156	0.8 - 2.4	1000
CBSS-12-01	17.3	MB-1-156	0.8 - 2.4	1000
CBSS-14-01	20.3	MB-1-156	0.8 - 2.4	1000

## Collar Space

SR 2767

CSP & CSR

Natural UL94 V2 Nylon 6/6, RMS-01

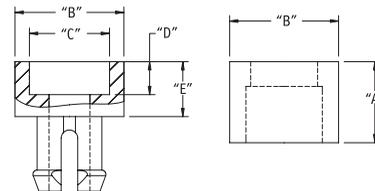
Retainer

Part Number	"A"	"B"	Mating Pin (CSP) No.	Standard Pack Quantity
CSR4-224-01	5.7	7.5	CSP4-01	1000
CSR4-295-01	7.5	7.5	CSP4-01	1000
CSR4-394-01	10	7.5	CSP4-01	1000
CSR4-591-01	15	7.5	CSP4-01	1000
CSR6-224-01	5.7	10	CSP6-01	1000
CSR6-295-01	7.5	10	CSP6-01	1000
CSR6-394-01	10	10	CSP6-01	1000
CSR6-591-01	15	10	CSP6-01	1000
CSR8-224-01	5.7	11	CSP8-01	1000
CSR8-295-01	7.5	11	CSP8-01	1000
CSR8-394-01	10	11	CSP8-01	1000
CSR8-591-01	15	11	CSP8-01	1000
CSR8-787-01	20	11	CSP8-01	1000

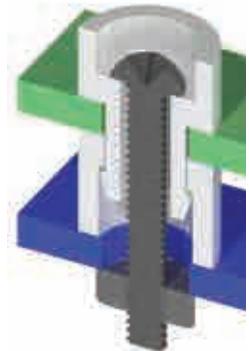
CSP (PIN)

CSR (RETAINER)

Top Hole: See Table  
Panel Thickness: 2.36 Max.



Bottom Hole: See Table



Pin

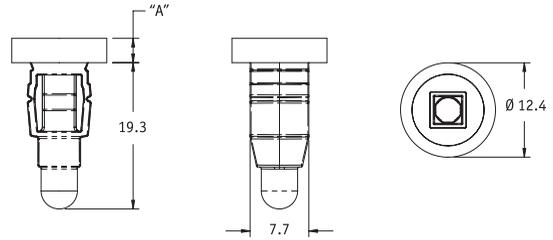
Part Number	"B"	"C" Dia.	"D" Ref.	"E" Ref.	Mounting Hole Diameter $\pm 0.08$	Binding Head Type Screw Size	Standard Pack Quantity
CSP4-01	7.5	-	-	2.5	5	M2.5	1000
CSP6-01	10	7.4	3	5.1	6.5	M3	1000
CSP8-01	11.1	8.4	3.6	5.6	6.9	M4	1000

## Toggle Fixer

SR 2768

TFR

Natural UL94 V2 Nylon 6/6, RMS-01



Part Number	"A"	Panel Thickness	Mounting Hole Ø	Standard Pack Quantity
TFR-1	0.8	1.5 - 2.8	8 ± 0.1 Square	1000
TFR-2	3.2	0.5 - 2.8	8 ± 0.1 Square	1000
TFR-3	4.8	0.5 - 2.8	8 ± 0.1 Square	1000

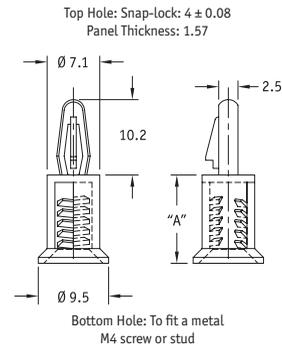
Accepts Metal Self-Tapping Screw Size 4.2mm

## Stud Fitting Circuit Board Support

SR 2769

SFCBS

Natural Nylon 6/6, RMS-01



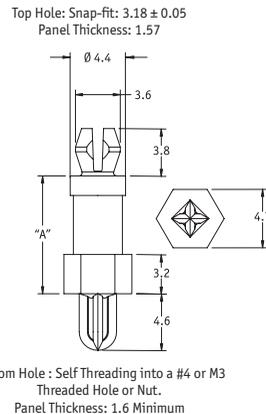
Part Number	"A" Standoff Height	Stud Length	Standard Pack Quantity
SFCBS-M4-10M-01	10	8	1000
SFCBS-M4-12M-01	12	10	1000
SFCBS-M4-14M-01	14	12	1000
SFCBS-M4-16M-01	16	14	1000
SFCBS-M4-18M-01	18	16	1000
SFCBS-M4-20M-01	20	18	1000

## Mini Support Post Self-Threading

SR 2770

MSPMST

Natural Nylon 6/6, RMS-01



Part Number	"A" Standoff Height	Standard Pack Quantity
MSPMST-2-01	3.2	1000
MSPMST-3-01	4.8	1000
MSPMST-4-01	6.4	1000
MSPMST-5-01	7.9	1000
MSPMST-6-01	9.5	1000
MSPMST-7-01	11.1	1000
MSPMST-8-01	12.7	1000
MSPMST-9-01	14.3	1000

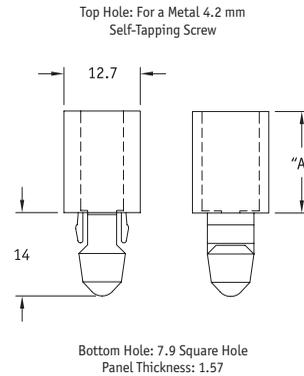
## Spacer Nut

SR 2771

SN

Clear Polycarbonate RMS-03

Part Number	"A" Standoff Height	Standard Pack Quantity
SN-187	4.8	1000
SN-250	6.4	1000
SN-312	8	1000
SN-500	12.7	1000



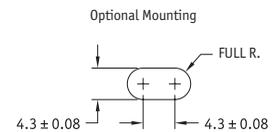
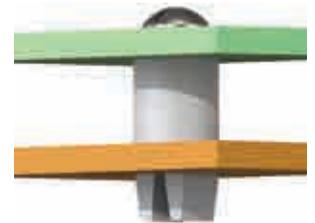
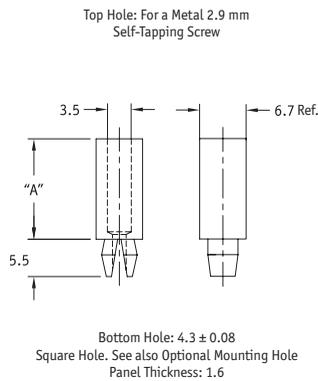
## Spacer Nut

SR 2772

MSNE

Natural

Part Number		Dimension	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A" Standoff Height	
MSNE-2-01	MSNE-2-19	3.2	1000
MSNE-4M-01	MSNE-4M-19	4.0	1000
MSNE-3-01	MSNE-3-19	4.8	1000
MSNE-6M-01	MSNE-6M-19	6.0	1000
MSNE-4-01	MSNE-4-19	6.4	1000
MSNE-5-01	MSNE-5-19	7.9	1000
MSNE-8M-01	MSNE-8M-19	8.0	1000
MSNE-6-01	MSNE-6-19	9.5	1000
MSNE-10M-01	-	10.0	1000
MSNE-12M-01	MSNE-12M-19	12.0	1000
MSNE-8-01	MSNE-8-19	12.7	1000
MSNE-10-01	MSNE-10-19	15.9	1000
MSNE-12-01	MSNE-12-19	19.1	1000
MSNE-16-01	-	25.4	1000



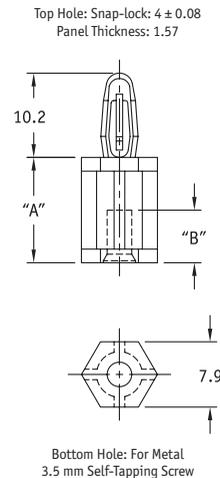
## Circuit Board Support Self-Tapping

SR 2773

TCBS

Natural

Part Number		Dimension		Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A" Standoff Height	"B"	
TCBS-4-01	TCBS-4-19	6.4	5.2	1000
TCBS-6-01	TCBS-6-19	9.5	7.9	1000
TCBS-8-01	TCBS-8-19	12.7	7.9	1000
TCBS-10-01	TCBS-10-19	15.9	7.9	1000
TCBS-12-01	TCBS-12-19	19.1	7.9	1000
TCBS-14-01	TCBS-14-19	22.2	7.9	1000
TCBS-16-01	TCBS-16-19	25.4	7.9	1000
TCBS-18-01	TCBS-18-19	28.6	7.9	1000
TCBS-20-01	TCBS-20-19	31.7	7.9	1000
TCBS-22.5-01	TCBS-22.5-19	35.7	7.9	1000



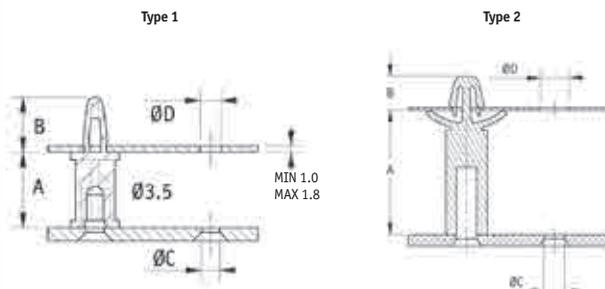
# SPECIALIST SPACERS

## Screw Fastened Spacer

SR6434

Natural Nylon 6.6

- Secured by a self tapping screw
- Simple Snap-in board mounting
- Available in a range of heights



Part Number	Dimensions (mm)					Type	Standard Pack Quantity
	"A" Standoff Height	B	C	D			
100206400002	6.4	9	3.5	4		1	1000
100209500002	9.5	9	3.5	4		1	1000
100212700002	12.7	9	3.5	4		1	1000
100215900002	15.9	9	3.5	4		1	1000
100219200002	19.1	9	3.5	4		1	1000
100222200002	22.2	9	3.5	4		1	1000
100225400002	25.4	9	3.5	4		1	1000
100228600002	28.6	9	3.5	4		1	1000
100209100002	9.6	8	3.5	4		2	1000
100213100002	12.7	8	3.5	4		2	1000
100219100002	19.1	8	3.5	4		2	1000
100229100002	28.5	8	3.5	4		2	1000

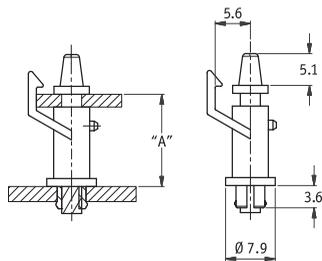
## Rivet Edge Holding Support

SR 2775

REHCBS

Natural Nylon 6/6 UL-94 V-2

- Top hole is snap-lock mounted into a 4mm hole in a 1.8mm (max) thick panel
- Bottom hole is mounted into a 4.8mm hole in a 1.2-2.7mm thick panel



Installation Tool, REHCBS-T Sold Separately

Part Number	"A" Standoff Height (mm)	Standard Pack Quantity
REHCBS-4-01	6.4	1000
REHCBS-8-01	12.7	1000

## PCB to Facia Panel Mounting

SR 6279

Natural Nylon 6/6 UL-94 V-2, Stainless Steel

- Lightweight
- Mounted with only a single M2.5 screw (supplied)
- Anti-rotating clip design
- Holds facia and circuit board together
- Faster to install than a conventional bracket
- M2.5 Mounting Screw Supplied
- Suitable for U style equipment cases



Part Number	Mounting Hole Diameter	Mounting Screw	Standard Pack Quantity
RPM-1	2.5	M2.5 Included	1000

# QUICK, ACCURATE AND **SAFE**

Our card guides and pullers make PCB access easier, so you can avoid damage to the circuit boards, ensuring its performance.



**LOCKING CIRCUIT  
BOARD GUIDE**

Page 192



**CIRCUIT BOARD  
PULLER**

Page 196



**PCB INSERTER/  
EXTRACTOR**

Page 199



**PCB INSERTER/  
EXTRACTOR  
INSTALLATION PIN**

Page 200

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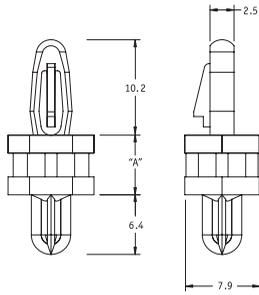
**[www.essentracomponents.ie](http://www.essentracomponents.ie)**

# THREADED AND NON-THREADED SPACERS

## Self Threading Circuit Board Support

SCBSST

Natural UL94 V-2 Nylon 6/6, RMS-01



Top Hole: Snap-Lock: 4  
Panel Thickness: 1.6

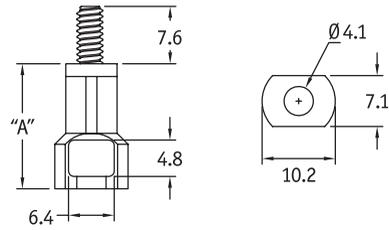
Bottom Hole: Self-Thread into a #8 or M4 Threaded Hole or Nut Panel Thickness: 1.6 Minimum

Part Number	"A" Standoff Height	Standard Pack Quantity
SCBSST-6-01	9.5	1000
SCBSST-8-01	12.7	1000
SCBSST-14-01	22.2	1000
SCBSST-18-01	28.6	1000

## Snap Rivet Studded Circuit Board Support

SRSCBS

Natural



Bottom Hole: Snap Rivet: 4.1 - 4.2  
Panel Thickness: See Rivet Table

Part Number				"A" Standoff Height	Standard Pack Quantity
Thread #6-32	Thread M3	Thread M4			
Nylon 6/6, RMS-01			UL94 V0 Nylon 6/6, RMS-19		
SRSCBS-6-01	SRSCBS-M3-6-01	SRSCBS-M4-6-01	SRSCBS-M4-6-19	9.5	1000
SRSCBS-7-01	SRSCBS-M3-7-01	SRSCBS-M4-7-01	SRSCBS-M4-7-19	11.1	1000
SRSCBS-8-01	SRSCBS-M3-8-01	SRSCBS-M4-8-01	SRSCBS-M4-8-19	12.7	1000
SRSCBS-10-01	-	-	SRSCBS-M4-10-19	15.9	1000
-	SRSCBS-M3-12-01	SRSCBS-M4-12-01	SRSCBS-M4-12-19	19.1	1000
-	-	SRSCBS-M4-14-01	SRSCBS-M4-14-19	22.2	1000

### Rivets

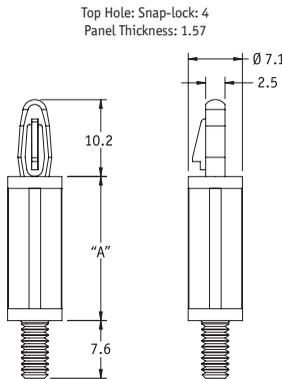
Use Rivet Part Number	For Panel Thickness	Standard Pack Quantity
SR-4050B/SR-4050W	0.7-1.6	1000
SR-4060B/SR-4060W	1.5-2.7	1000
SR-4070B/SR-4070W	2.7-3.7	1000
SR-4080B/SR-4080W	3.7-4.7	1000
SR-4090B/SR-4090W	4.7-5.7	1000
SR-4100B/SR-4100W	5.7-6.7	1000
SR-4120B/SR-4120W	7.2-8.7	1000

## Locking Circuit Board Support Threaded Male

LCBS-TM

Natural

• M4 Thread



Top Hole: Snap-lock: 4  
Panel Thickness: 1.57

Part Number		"A" Standoff Height	Standard Pack Quantity
Natural UL94 V2 Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19		
LCBS-TM-M4-4-01	LCBS-TM-M4-4-19	6.4	1000
LCBS-TM-M4-6-01	LCBS-TM-M4-6-19	9.5	1000
LCBS-TM-M4-8-01	LCBS-TM-M4-8-19	12.7	1000
LCBSTM-M4-10-01	LCBSTM-M4-10-19	15.9	1000
LCBSTM-M4-12-01	LCBSTM-M4-12-19	19.1	1000
LCBSTM-M4-14-01	-	22.2	1000
LCBSTM-M4-16-01	LCBSTM-M4-16-19	25.4	1000

## Studded Circuit Board

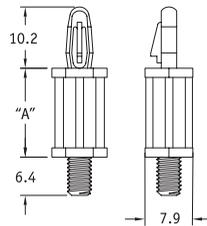
SR 2779

SCBS/SCBSM/SCBS/MSCBSM

Natural

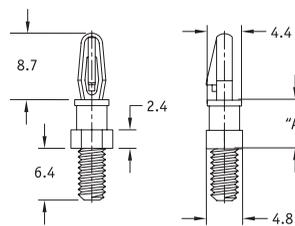
Top Hole: Snap-lock:  $4 \pm 0.08$   
Panel Thickness: 1.57

Type 1



Top Hole: Snap-lock:  $3.18 \pm 0.05$   
Panel Thickness: 1.57

Type 2



Thread: #8-32	Thread: M3		Thread: M4				"A" Standoff Height	Standard Pack Quantity
SCBS (Type 1)	MSCBSM (Type 2)		MSCBS (Type 1)		MSCBSM (Type 2)			
UL94 V2 Nylon 6/6, RMS-01	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-01		
-	MSCBSM-M3-2-01	MSCBSM-M3-2-19	-	-	MSCBSM-M4-2-01	-	3.2	1000
-	MSCBSM-M3-3-01	MSCBSM-M3-3-19	-	-	MSCBSM-M4-3-01	MSCBSM-M4-3-19	4.8	1000
SCBS-4-01	MSCBSM-M3-4-01	MSCBSM-M3-4-19	MSCBS-4-01	MSCBS-4-19	MSCBSM-M4-4-01	-	6.4	1000
-	MSCBSM-M3-5-01	-	-	-	MSCBSM-M4-5-01	-	7.9	1000
SCBS-6-01	MSCBSM-M3-6-01	-	MSCBS-6-01	MSCBS-6-19	MSCBSM-M4-6-01	MSCBSM-M4-6-19	9.5	1000
-	MSCBSM-M3-7-01	-	-	-	MSCBSM-M4-7-01	-	11.1	1000
SCBS-8-01	MSCBSM-M3-8-01	MSCBSM-M3-8-19	MSCBS-8-01	MSCBS-8-19	MSCBSM-M4-8-01	-	12.7	1000
-	MSCBSM-M3-9-01	-	-	-	-	MSCBSM-M4-9-19	14.3	1000
-	MSCBSM-M3-10-01	-	MSCBS-10-01	MSCBS-10-19	MSCBSM-M4-10-01	MSCBSM-M4-10-19	15.9	1000
SCBS-12-01	-	-	MSCBS-12-01	MSCBS-12-19	-	-	19.1	1000
SCBS-14-01	-	-	MSCBS-14-01	MSCBS-14-19	-	-	22.2	1000
-	-	-	MSCBS-16-01	-	-	-	25.4	1000
-	-	-	MSCBS-18-01	MSCBS-18-19	-	-	28.6	1000
-	-	-	MSCBS-22.5-01	MSCBS-22.5-19	-	-	35.7	1000

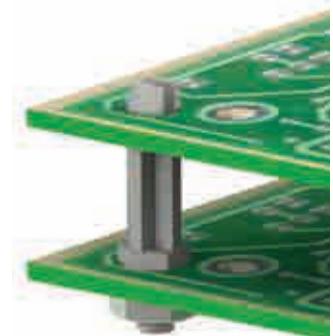
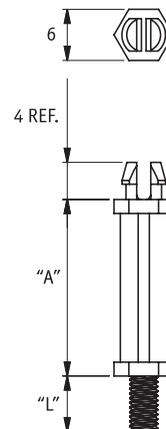
## Studded Circuit Board

SR 2780

TCBNS

Black, UL94 V2 Nylon 6/6, RMS-172

Top Hole: See Table  
Panel Thickness: 1.6



Part Number			"A" Standoff Height	Standard Pack Quantity
Top Hole: $\emptyset 3$ Thread: M2.5 "L" Thread Length: 6	Top Hole: $\emptyset 3$ Thread: M3 "L" Thread Length: 6	Top Hole: $\emptyset 3.8$ Thread: M4 "L" Thread Length: 8		
TCBNS-M2.5-3	TCBNS-M3-3	TCBNS-M4-3	3	1000
TCBNS-M2.5-5	TCBNS-M3-5	TCBNS-M4-5	5	1000
TCBNS-M2.5-6	TCBNS-M3-6	TCBNS-M4-6	6	1000
TCBNS-M2.5-8	TCBNS-M3-8	TCBNS-M4-8	8	1000
TCBNS-M2.5-10	TCBNS-M3-10	TCBNS-M4-10	10	1000
TCBNS-M2.5-12	TCBNS-M3-12	TCBNS-M4-12	12	1000
TCBNS-M2.5-15	TCBNS-M3-15	TCBNS-M4-15	15	1000
TCBNS-M2.5-20	TCBNS-M3-20	TCBNS-M4-20	20	1000

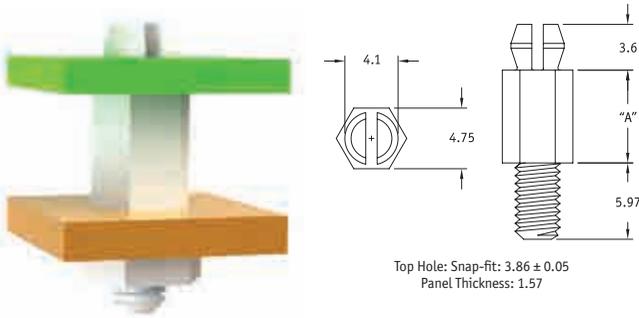
# THREADED AND NON-THREADED SPACERS

## Hex Mini Support Post Threaded Male

SR 2781

HMSP-TM

Natural, UL94 V2 Nylon 6/6, RMS-01



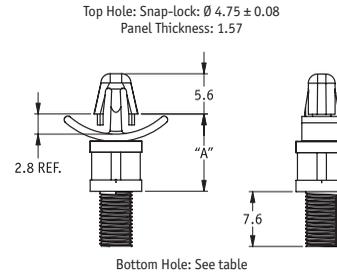
Part Number			"A" Standoff Height	Standard Pack Quantity
Thread: #6-32	Thread: M3	Thread: M4		
-	HMSP-TM-M3-2-01	HMSP-TM-M4-2-01	3.2	1000
-	HMSP-TM-M3-3-01	HMSP-TM-M4-3-01	4.8	1000
-	HMSP-TM-M3-4-01	HMSP-TM-M4-4-01	6.4	1000
HMSP-TM-6-01	HMSP-TM-M3-6-01	HMSP-TM-M4-6-01	9.5	1000
HMSP-TM-8-01	HMSP-TM-M3-8-01	HMSP-TM-M4-8-01	12.7	1000
HMSP-TM-10-01	HMSP-M3-10-01	HMSP-M4-10-01	15.9	1000
-	HMSP-M3-12-01	HMSP-M4-12-01	19.1	1000
HMSP-TM-14-01	HMSP-M3-14-01	-	22.2	1000

## Threaded Circuit Board Support

SR 2782

LCCBS-TM

Natural, UL94 V2 Nylon 6/6, RMS-01



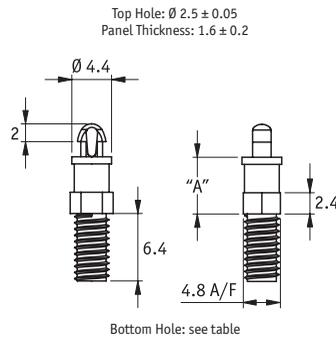
Part Number		"A" Standoff Height	Standard Pack Quantity
#6-32 Thread	M4 Thread		
LCCBS-TM-6-01	LCCBSM-M4-6-01	10.7	1000
-	LCCBSM-M4-8-01	13.9	1000
LCCBS-TM-10-01	LCCBSM-M4-10-01	17.1	1000
LCCBS-TM-12-01	LCCBSM-M4-12-01	20.2	1000
LCCBS-TM-14-01	LCCBSM-M4-14-01	23.4	1000
LCCBS-TM-16-01	-	26.6	1000

## Miniature Threaded Circuit Board Support

SR 2783

MSCBST

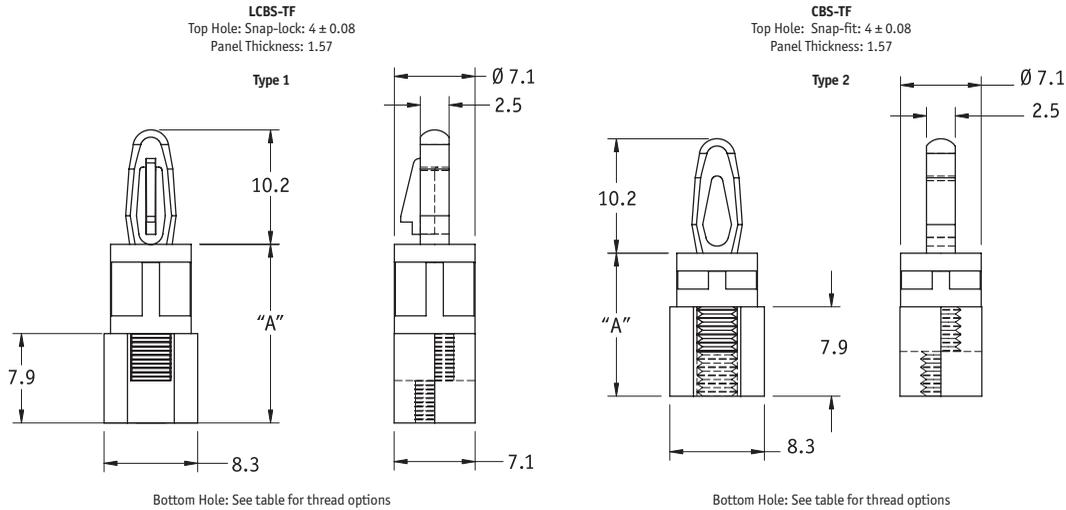
Natural, UL94 V2 Nylon 6/6, RMS-01



Part Number		"A" Standoff Height	Standard Pack Quantity
M3 Thread	M4 Thread		
MSCBST-M3-2-01	MSCBST-M4-2-01	3.2	1000
MSCBST-M3-3-01	MSCBST-M4-3-01	4.8	1000
MSCBST-M3-4-01	MSCBST-M4-4-01	6.4	1000
MSCBST-M3-5-01	-	7.9	1000
MSCBST-M3-6-01	-	9.5	1000
MSCBST-M3-7-01	MSCBST-M4-7-01	11.1	1000
MSCBST-M3-8-01	MSCBST-M4-8-01	12.7	1000
MSCBST-M3-9-01	MSCBST-M4-9-01	14.3	1000
-	MSCBST-M4-10-01	15.9	1000

## Threaded Circuit Board Support

SR 2786  
LCBS-TF/CBS-TF  
Natural



Part Number						"A" Standoff Height	Standard Pack Quantity
Type 1			Type 2				
Nylon 6/6, RMS-01	Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, MS-19	Nylon 6/6, RMS-01	Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, MS-19		
Thread: #6-32	Thread: M4		Thread: #6-32	Thread: M4			
-	LCBS-TF-M4-6-01	LCBS-TF-M4-6-19	-	CBS-TF-M4-6-01	CBS-TF-M4-6-19	9.5	1000
-	LCBS-TF-M4-8-01	LCBS-TF-M4-8-19	-	CBS-TF-M4-8-01	-	12.7	1000
LCBS-TF-10-01	LCBSTF-M4-10-01	LCBSTF-M4-10-19	-	CBS-TF-M4-10-01	CBS-TF-M4-10-19	15.9	1000
LCBS-TF-12-01	LCBSTF-M4-12-01	LCBSTF-M4-12-19	-	CBS-TF-M4-12-01	-	19.1	1000
LCBS-TF-14-01	LCBSTF-M4-14-01	LCBSTF-M4-14-19	CBS-TF-14-01	CBS-TF-M4-14-01	CBS-TF-M4-14-19	22.2	1000
LCBS-TF-16-01	-	-	CBS-TF-16-01	CBS-TF-M4-16-01	CBS-TF-M4-16-19	25.4	1000

## Metric Threaded Circuit Board Support

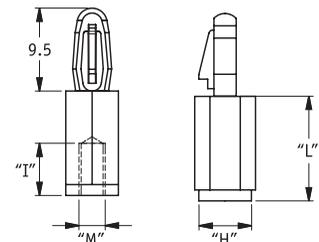
SR 2787  
TCBN  
Black, UL94 HB Nylon 6/6, RMS-172

Can't find the size you are looking for? Contact us!

Part Number						"L"	"I"	Standard Pack Quantity
M3 Thread			M4 Thread					
Panel Thickness = 1.6mm		Panel Thickness = 2mm		Panel Thickness = 1.6mm	Panel Thickness = 2mm			
"H" = 6mm	"H" = 8mm	"H" = 6mm	"H" = 8mm	"H" = 6mm	"H" = 8mm			
TCBN-T1-M3-6-5	TCBN-T1-M3-8-5	-	TCBN-T2-M3-8-5	TCBN-T1-M4-8-5	-	5	3	500
TCBN-T1-M3-6-6	TCBN-T1-M3-8-6	TCBN-T2-M3-6-6	TCBN-T2-M3-8-6	1306295	-	6	4	500
TCBN-T1-M3-6-7	TCBN-T1-M3-8-7	TCBN-T2-M3-6-7	TCBN-T2-M3-8-7	TCBN-T1-M4-8-7	TCBN-T2-M4-8-7	7	5	500
TCBN-T1-M3-6-8	1306292	TCBN-T2-M3-6-8	TCBN-T2-M3-8-8	TCBN-T1-M4-8-8	TCBN-T2-M4-8-8	8	6	500
TCBN-T1-M3-6-9	TCBN-T1-M3-8-9	TCBN-T2-M3-6-9	TCBN-T2-M3-8-9	TCBN-T1-M4-8-9	-	9	7	500
1306282	TCBN-T1-M3-8-10	TCBN-T2-M3-6-10	-	1306293	TCBN-T2-M4-8-10	10	8	500
TCBN-T1-M3-6-12	TCBN-T1-M3-8-12	TCBN-T2-M3-6-12	TCBN-T2-M3-8-12	552197	TCBN-T2-M4-8-12	12	10	500
1317194	TCBN-T1-M3-8-15	TCBN-T2-M3-6-15	TCBN-T2-M3-8-15	1306294	TCBN-T2-M4-8-15	15	10	500
TCBN-T1-M3-6-18	TCBN-T1-M3-8-18	TCBN-T2-M3-6-18	-	TCBN-T1-M4-8-18	TCBN-T2-M4-8-18	18	10	500
TCBN-T1-M3-6-20	TCBN-T1-M3-8-20	TCBN-T2-M3-6-20	TCBN-T2-M3-8-20	TCBN-T1-M4-8-20	TCBN-T2-M4-8-20	20	10	500
TCBN-T1-M3-6-25	-	TCBN-T2-M3-6-25	TCBN-T2-M3-8-25	TCBN-T1-M4-8-25	TCBN-T2-M4-8-25	25	10	500
TCBN-T1-M3-6-30	TCBN-T1-M3-8-30	TCBN-T2-M3-6-30	TCBN-T2-M3-8-30	1317195	TCBN-T2-M4-8-30	30	10	500
TCBN-T1-M3-6-40	TCBN-T1-M3-8-40	TCBN-T2-M3-6-40	TCBN-T2-M3-8-40	TCBN-T1-M4-8-40	TCBN-T2-M4-8-40	40	10	500
TCBN-T1-M3-6-45	TCBN-T1-M3-8-45	TCBN-T2-M3-6-45	TCBN-T2-M3-8-45	TCBN-T1-M4-8-45	TCBN-T2-M4-8-45	45	10	500
TCBN-T1-M3-6-50	TCBN-T1-M3-8-50	-	TCBN-T2-M3-8-50	TCBN-T1-M4-8-50	TCBN-T2-M4-8-50	50	10	500
TCBN-T1-M3-6-55	TCBN-T1-M3-8-55	TCBN-T2-M3-6-55	TCBN-T2-M3-8-55	-	TCBN-T2-M4-8-55	55	10	500
-	TCBN-T1-M3-8-60	TCBN-T2-M3-6-60	TCBN-T2-M3-8-60	TCBN-T1-M4-8-60	-	60	10	500



Top Hole: Snap-lock: 4 ± 0.08  
Panel Thickness: See Table for Dim.



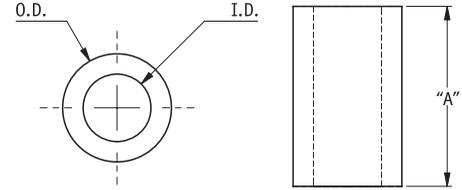
# THREADED AND NON-THREADED SPACERS

## Round Plastic Spacer

SR 2788

SS/SSE

Light Grey, UL94 V0 PVC, RMS-448



Can't find the size you are looking for? Contact us!

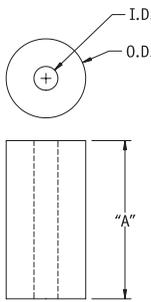
"A" Standoff Height	Part Number										Standard Pack Quantity
	For M2.5 Screw	For M3 Screw	For M4 Screw	For M4 Screw	For M5 Screw	For M6 Screw	For M9 Screw	-	-		
3.2	I.D.=3 O.D.=6.4	I.D.=3.7 O.D.=6.4	I.D.=4.4 O.D.=6.4	I.D.=4.4 O.D.=9.5	I.D.=5.1 O.D.=9.5	I.D.=6.8 O.D.=12.7	I.D.=10.1 O.D.=12.7	I.D.=7.5 O.D.=12	I.D.=8 O.D.=12		1000
4.8	SS4-3.2mm	SS6-3.2mm	SS8-3.2mm	SS8-3.2mmL	SS10-3.2mm	SS1/4-3.2mm	SS3/8-3.2mm	SSE-75120-3.2mm	SSE-80120-3.2mm		1000
6.4	SS4-4.8mm	SS6-4.8mm	SS8-4.8mm	SS8-4.8mmL	SS10-4.8mm	SS1/4-4.8mm	SS3/8-4.8mm	SSE-75120-4.8mm	SSE-80120-4.8mm		1000
7.9	SS4-2	SS6-2	SS8-2	SS8-2L	SS10-2	SS1/4-2	SS3/8-2	SSE-75120-2	SSE-80120-2		1000
9.5	SS4-7.9mm	SS6-7.9mm	SS8-7.9mm	SS8-7.9mmL	SS10-7.9mm	SS1/4-7.9mm	SS3/8-7.9mm	SSE-75120-7.9mm	-		1000
11.1	SS4-3	SS6-3	SS8-3	SS8-3L	SS10-3	SS1/4-3	SS3/8-3	SSE-75120-3	SSE-80120-3		1000
12.7	SS4-11.1mm	SS6-11.1mm	SS8-11.1mm	SS8-11.1mmL	SS10-11.1mm	SS1/4-11.1mm	SS3/8-11.1mm	SSE75120-11.1mm	SSE80120-11.1mm		1000
15.9	SS4-4	SS6-4	SS8-4	SS8-4L	SS10-4	SS1/4-4	SS3/8-4	SSE-75120-4	SSE-80120-4		1000
19.1	SS4-5	SS6-5	SS8-5	SS8-5L	SS10-5	SS1/4-5	SS3/8-5	SSE-75120-5	SSE-80120-5		1000
25.4	SS4-6	SS6-6	SS8-6	SS8-6L	SS10-6	SS1/4-6	SS3/8-6	SSE-75120-6	SSE-80120-6		1000
31.8	SS4-8	SS6-8	SS8-8	SS8-8L	SS10-8	SS1/4-8	SS3/8-8	SSE-75120-8	SSE-80120-8		1000
38.1	-	-	SS8-10	SS8-10L	SS10-10	SS1/4-10	SS3/8-10	SSE-75120-10	SSE-80120-10		500
	-	-	SS8-12	SS8-12L	SS10-12	SS1/4-12	SS3/8-12	SSE-75120-12	SSE-80120-12		500

## Round Plastic Spacer

SR 2789

R900

White, Modified Nylon 6, RMS-60



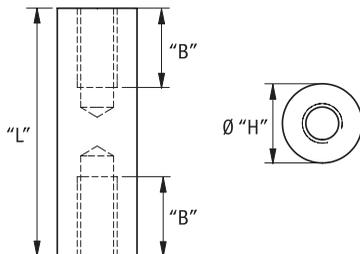
Part Number										Dimensions (mm)			Standard Pack Quantity
"A" = 1.6	"A" = 3.2	"A" = 4.8	"A" = 6.4	"A" = 7.9	"A" = 9.5	"A" = 11.1	"A" = 12.7	For Screw	I.D.	O.D.			
R901-1	R901-2	R901-3	R901-4	R901-5	R901-6	R901-7	R901-8	-	0.7	2.2	1000		
R938-1	R938-2	R938-3	R938-4	R938-5	R938-6	R938-7	R938-8	-	0.8	2.2	1000		
R902-1	R902-2	-	R902-4	R902-5	R902-6	R902-7	R902-8	-	0.8	3.2	1000		
R939-1	R939-2	R939-3	R939-4	R939-5	R939-6	-	R939-8	-	1.2	3.2	1000		
R903-1	R903-2	-	R903-4	R903-5	R903-6	R903-7	R903-8	-	1.2	4	1000		
R904-1	-	R904-3	R904-4	R904-5	R904-6	R904-7	R904-8	-	1.6	4.8	1000		
R906-1	R906-2	R906-3	R906-4	R906-5	R906-6	R906-7	R906-8	M2	2.2	3.6	1000		
R937-1	R937-2	R937-3	R937-4	R937-5	-	R937-7	R937-8	M2	2.3	3.2	1000		
R913-1	R913-2	R913-3	R913-4	R913-5	R913-6	R913-7	R913-8	M2	2.3	4.8	1000		
R907-1	R907-2	R907-3	R907-4	R907-5	R907-6	R907-7	R907-8	M2.5	2.7	4.2	1000		
R908-1	R908-2	R908-3	R908-4	R908-5	R908-6	R908-7	R908-8	M3	3.2	4.8	1000		
R911-1	R911-2	R911-3	R911-4	R911-5	R911-6	R911-7	R911-8	M3	3.2	6.4	1000		
R905-1	R905-2	R905-3	R905-4	R905-5	R905-6	R905-7	R905-8	M3.5	3.7	6.4	1000		
R912-1	R912-2	R912-3	R912-4	R912-5	R912-6	R912-7	R912-8	M4	4.3	6.4	1000		

## Round Threaded Standoff

SR 2790

RTSN

Black, Nylon 6 25% Glass Filled, RMS-173



Can't find the size you are looking for? Contact us!

Part Number			Dimensions (mm)		Standard Pack Quantity
Thread M3	Thread M4		"L"	"B"	
"H" = 6	"H" = 7	"H" = 7			
RTSN-M3-5-6-1	RTSN-M3-5-7-1	RTSN-M4-5-7-1	5	Through	500
RTSN-M3-8-6-1	RTSN-M3-8-7-1	RTSN-M4-8-7-1	8	Through	500
RTSN-M3-10-6-1	RTSN-M3-10-7-1	RTSN-M4-10-7-1	10	Through	500
RTSN-M3-12-6-1	RTSN-M3-12-7-1	RTSN-M4-12-7-1	12	Through	500
RTSN-M3-15-6-1	RTSN-M3-15-7-1	RTSN-M4-15-7-1	15	Through	500
RTSN-M3-18-6-1	RTSN-M3-18-7-1	RTSN-M4-18-7-1	18	10 Min	500
RTSN-M3-20-6-1	RTSN-M3-20-7-1	RTSN-M4-20-7-1	20	10 Min	500
RTSN-M3-25-6-1	-	RTSN-M4-25-7-1	25	10 Min	500
-	RTSN-M3-30-7-1	RTSN-M4-30-7-1	30	10 Min	500
RTSN-M3-35-6-1	RTSN-M3-35-7-1	RTSN-M4-35-7-1	35	10 Min	500
RTSN-M3-40-6-1	RTSN-M3-40-7-1	RTSN-M4-40-7-1	40	10 Min	500

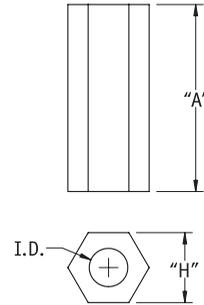
## Hex Plastic Spacers

SR 2791

HS

Light Grey, UL94 V0 PVC, RMS-448

Part Number			"A" Standoff Height	Standard Pack Quantity
For #4 Self Tapping Screw	For #6 Self Tapping Screw	For #8 Self Tapping Screw		
"I.D." = 2.6 "H" = 4.8	"I.D." = 2.8 "H" = 6.4	"I.D." = 3.6 "H" = 9.5		
HS-4-3	HS-6-3	-	9.5	1000
HS-4-4	HS-6-4	-	12.7	1000
HS-4-5	HS-6-5	HS-8-5	15.9	1000
HS-4-6	HS-6-6	HS-8-6	19.1	1000
HS-4-7	HS-6-7	HS-8-7	22.2	1000
HS-4-8	HS-6-8	HS-8-8	25.4	1000
HS-4-10	HS-6-10	HS-8-10	31.8	500
HS-4-12	-	HS-8-12	38.1	500
HS-4-14	HS-6-14	HS-8-14	44.5	500
-	HS-6-16	HS-8-16	50.8	500
HS-4-24	-	HS-8-24	76.2	500



## Round Plastic Spacers

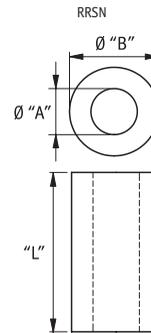
SR 2792

RRSN

White, Polystyrene, RMS-163

Black, UL94 HB Nylon 6 25% Glass Filled, RMS-173

Can't find the size you are looking for? Contact us!



Part Number (White)								Dimensions (mm)	Standard Pack Quantity
A = 2.7	A = 3.2	A = 3.5	A = 4.2	A = 4.5	A = 5.2	A = 6.2	A = 8.2		
B = 5	B = 6	B = 6	B = 8	B = 7	B = 10	B = 10	B = 10	L	
RRSN-2750-02	RRSN-3260-02	RRSN-3460-02	RRSN-4280-02	RRSN-4570-02	RRSN-52100-02	RRSN-62100-02	RRSN-82100-02	2	500
1306283	RRSN-3260-03	RRSN-3460-03	RRSN-4280-03	-	RRSN-52100-03	RRSN-62100-03	RRSN-82100-03	3	500
1306284	RRSN-3260-05	1306286	1306287	RRSN-4570-05	RRSN-52100-05	RRSN-62100-05	RRSN-82100-05	5	500
RRSN-2750-08	RRSN-3260-08	RRSN-3460-08	1306289	RRSN-4570-08	RRSN-52100-08	RRSN-62100-08	RRSN-82100-08	8	500
RRSN-2750-10	RRSN-3260-10	RRSN-3460-10	1306290	RRSN-4570-10	RRSN-52100-10	RRSN-62100-10	RRSN-82100-10	10	500
RRSN-2750-12	RRSN-3260-12	RRSN-3460-12	RRSN-4280-12	RRSN-4570-12	RRSN-52100-12	RRSN-62100-12	RRSN-82100-12	12	500
RRSN-2750-15	RRSN-3260-15	RRSN-3460-15	RRSN-4280-15	RRSN-4570-15	RRSN-52100-15	RRSN-62100-15	RRSN-82100-15	15	500
RRSN-2750-18	RRSN-3260-18	RRSN-3460-18	RRSN-4280-18	RRSN-4570-18	RRSN-52100-18	RRSN-62100-18	RRSN-82100-18	18	500
-	RRSN-3260-20	-	RRSN-4280-20	RRSN-4570-20	RRSN-52100-20	RRSN-62100-20	RRSN-82100-20	20	500
-	RRSN-3260-25	RRSN-3460-25	RRSN-4280-25	RRSN-4570-25	RRSN-52100-25	RRSN-62100-25	RRSN-82100-25	25	500
-	RRSN-3260-30	RRSN-3460-30	RRSN-4280-30	RRSN-4570-30	RRSN-52100-30	1306291	RRSN-82100-30	30	500
-	-	-	RRSN-4280-35	-	RRSN-52100-35	RRSN-62100-35	RRSN-82100-35	35	500
-	-	-	-	-	-	RRSN-62100-40	RRSN-82100-40	40	500

Part Number (Black)								Dimensions (mm)	Standard Pack Quantity
A = 2.7	A = 3.2	A = 3.5	A = 4.2	A = 4.5	A = 5.2	A = 6.2	A = 8.2		
B = 5	B = 6	B = 6	B = 8	B = 7	B = 10	B = 10	B = 10	L	
RRSN-2750-02-GF	RRSN-3260-02-GF	RRSN-3460-02-GF	RRSN-4280-02-GF	RRSN-4570-02-GF	RRSN-52100-02GF	RRSN-62100-02GF	RRSN-82100-02GF	2	500
552221	1306285	1306288	RRSN-4280-03-GF	RRSN-4570-03-GF	RRSN-52100-03GF	RRSN-62100-03GF	RRSN-82100-03GF	3	500
RRSN-2750-05-GF	RRSN-3260-05-GF	RRSN-3460-05-GF	1306288	RRSN-4570-05-GF	RRSN-52100-05GF	RRSN-62100-05GF	RRSN-82100-05GF	5	500
-	RRSN-3260-08-GF	RRSN-3460-08-GF	RRSN-4280-08-GF	RRSN-4570-08-GF	RRSN-52100-08GF	RRSN-62100-08GF	RRSN-82100-08GF	8	500
RRSN-2750-10-GF	RRSN-3260-10-GF	RRSN-3460-10-GF	552219	RRSN-4570-10-GF	RRSN-52100-10GF	RRSN-62100-10GF	RRSN-82100-10GF	10	500
RRSN-2750-12-GF	RRSN-3260-12-GF	552218	RRSN-4280-12-GF	RRSN-4570-12-GF	RRSN-52100-12GF	RRSN-62100-12GF	RRSN-82100-12GF	12	500
RRSN-2750-15-GF	RRSN-3260-15-GF	RRSN-3460-15-GF	RRSN-4280-15-GF	RRSN-4570-15-GF	RRSN-52100-15GF	RRSN-62100-15GF	RRSN-82100-15GF	15	500
RRSN-2750-18-GF	RRSN-3260-18-GF	RRSN-3460-18-GF	RRSN-4280-18-GF	RRSN-4570-18-GF	RRSN-52100-18GF	RRSN-62100-18GF	RRSN-82100-18GF	18	500
-	RRSN-3260-20-GF	RRSN-3460-20-GF	RRSN-4280-20-GF	RRSN-4570-20-GF	RRSN-52100-20GF	RRSN-62100-20GF	RRSN-82100-20GF	20	500
-	RRSN-3260-25-GF	RRSN-3460-25-GF	RRSN-4280-25-GF	-	RRSN-52100-25GF	RRSN-62100-25GF	RRSN-82100-25GF	25	500
-	RRSN-3260-30-GF	RRSN-3460-30-GF	RRSN-4280-30-GF	RRSN-4570-30-GF	RRSN-52100-30GF	RRSN-62100-30GF	RRSN-82100-30GF	30	500
-	-	-	RRSN-4280-35-GF	RRSN-4570-35-GF	RRSN-52100-35-G	RRSN-62100-35GF	-	35	500
-	-	-	-	-	-	RRSN-62100-40GF	RRSN-82100-40GF	40	500

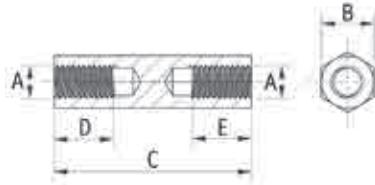
# THREADED AND NON-THREADED SPACERS

## Hexagonal F/F spacer

SR 6437

PPS Black

- Suitable for any application
- Resistance up to 200°C
- Thread hole in M2.5, M3, M4 and M5 dimensions



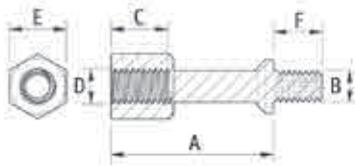
Part Number	Dimensions					Standard Pack Quantity
	A	B	C	D	E	
301205059934	M2.5	5	5	2.5	2.5	1000
301208059934	M2.5	5	8	4	4	1000
301210059934	M2.5	5	10	5	5	1000
301212059934	M2.5	5	12	6	6	1000
301215059934	M2.5	5	15	7.5	7.5	1000
301220059934	M2.5	5	20	8	8	1000
301225059934	M2.5	5	25	8	8	1000
301308059934	M3	5	8	4	4	1000
301310059934	M3	5	10	5	5	1000
301312059934	M3	5	12	6	6	1000
301315059934	M3	5	15	7.5	7.5	1000
301320059934	M3	5	20	10	10	1000
301325059934	M3	5	25	12.5	12.5	1000
301408059934	M4	7	8	4	4	1000
301410059934	M4	7	10	5	5	1000
301412059934	M4	7	12	6	6	1000
301415059934	M4	7	15	7.5	7.5	1000
301420059934	M4	7	20	10	10	1000
301425059934	M4	7	25	12.5	12.5	1000
301510059934	M5	8	10	5	5	1000
301512059934	M5	8	12	6	6	1000
301515059934	M5	8	15	7.5	7.5	1000
301520059934	M5	8	20	10	10	1000
301525059934	M5	8	25	10	10	1000

## M/F Threaded Spacer

SR 6430

Natural nylon-6 (PA-6) and 30% glass fibre

- May be combined with SR 6429
- Applicable for stacking PC boards

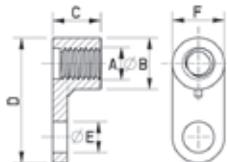


Part Number	Dimensions						Standard Pack Quantity
	A	B	C	D	E	F	
138005000016	10	M3	5.5	M3	5.5	5	1000
138006000016	15	M3	5.5	M3	5.5	5	1000
138007000016	20	M3	5.5	M3	5.5	5	1000
138008000016	25	M3	5.5	M3	5.5	5	1000
138009000016	30	M3	5.5	M3	5.5	5	1000
138010000016	10	M4	6.5	M4	7	6	1000
138015000016	15	M4	6.5	M4	7	6	1000
138020000016	20	M4	6.5	M4	7	6	1000
138025000016	25	M4	6.5	M4	7	6	1000
138030000016	30	M4	6.5	M4	7	6	1000

## Pre-mounting Foot

SR 6429

Natural nylon-6 (PA-6) and 30% glass fibre



Part Number	Dimensions						Standard Pack Quantity
	A	B	C	D	E	F	
139003000016	M3	7	6.5	17	4	7	1000
139004000016	M4	7	6.5	17	4	7	1000

## Screw Mount Locking Circuit Board Support

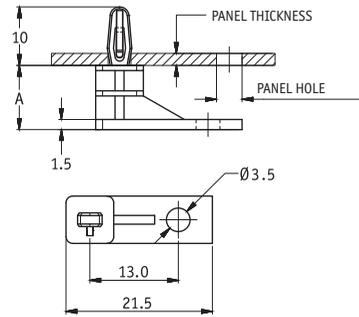
SR 2793

LCBS-L

Natural, UL94 V-2 Nylon 6/6

- Installed with an M3 screw or rivet
- Offset style allows dense packaging
- Top hole mounts into a 3.2mm hole in a 1.57mm thick panel

Part Number	"A" Standoff Height (mm)	Standard Pack Quantity
LCBS-L-5-01	7.6	1000
LCBS-L-6-01	9.5	1000
LCBS-L-7-01	11.1	1000
LCBS-L-8-01	12.7	1000
LCBS-L-9-01	14.3	1000
LCBS-L-10-01	15.9	1000



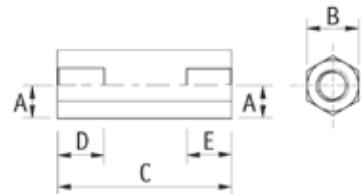
## PEEK Hexagonal F/F Spacer

SR 6436

PEEK

Colour: Light Brown

- Heat resistant up to 180°C
- Excellent mechanical strength and stiffness
- Excellent resistance to alternating tensile and bending loads
- Excellent dimensional stability
- Flame resistance: UL94 V0



Part Number	Dimensions					Standard Pack Quantity
	A	B	C	D	E	
186304070409	M3	6	4	2	2	10
186305070409	M3	6	5	2.5	2.5	10
186306070409	M3	6	6	3	3	10
186308070409	M3	6	8	4	4	10
186301070409	M3	6	10	5	5	10
186301270409	M3	6	12	6	6	10
186301570409	M3	6	15	7.5	7.5	10
186301870409	M3	6	18	9	9	10
186302070409	M3	6	20	10	10	10
186302570409	M3	6	25	10	10	10
186303070409	M3	6	30	10	10	10
186405070409	M4	7	5	2.5	7.5	10
186406070409	M4	7	6	3	3	10
186408070409	M4	7	8	4	4	10
186401070409	M4	7	10	5	5	10
186401270409	M4	7	12	6	6	10
186401570409	M4	7	15	7.5	7.5	10

Part Number	Dimensions					Standard Pack Quantity
	A	B	C	D	E	
186401870409	M4	7	18	9	9	10
186402070409	M4	7	20	10	10	10
186402570409	M4	7	25	10	10	10
186403070409	M4	7	30	10	10	10
186403570409	M4	7	35	10	10	10
186506070409	M5	8	6	3	3	10
186508070409	M5	8	8	4	4	10
186501070409	M5	8	10	5	5	10
186501270409	M5	8	12	6	6	10
186501570409	M5	8	15	7.5	7.5	10
186501870409	M5	8	18	9	9	10
186502070409	M5	8	20	10	10	10
186502570409	M5	8	25	10	10	10
186503070409	M5	8	30	10	10	10
186503570409	M5	8	35	10	10	10
186504070409	M5	8	40	10	10	10

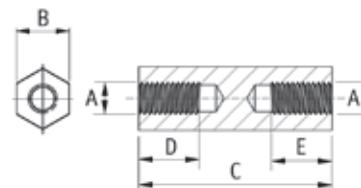
## Nylon Hex FF spacer

SR 6435

Natural Nylon

- For use in electronic appliances

Part Number	Dimensions					Standard Pack Quantity
	A	B	C	D	E	
303010000002	M3	5.7	6	3	3	1000
303020000002	M3	5.7	8	4	4	1000
303030000002	M3	5.7	10	5	5	1000
303040000002	M3	5.7	12.7	6	6	1000
303050000002	M3	5.7	15	7.5	7.5	1000
303060000002	M3	5.7	18	9	9	1000
303070000002	M3	5.7	20	10	10	1000
303080000002	M3	5.7	22	10	10	1000
303090000002	M3	5.7	25	10	10	1000
303100000002	M3	5.7	30	10	10	1000



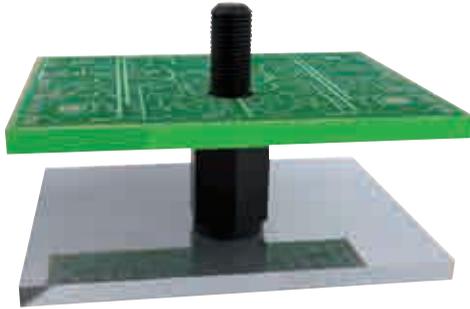
# THREADED AND NON-THREADED SPACERS

## Hex Threaded Standoff

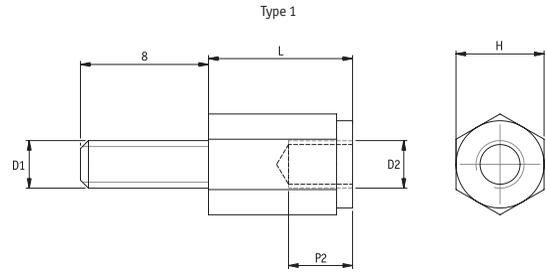
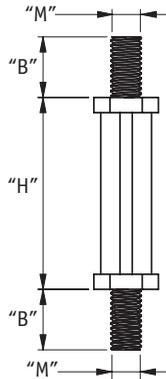
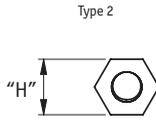
SR 2794

HTSN-2/HNSM-2/HTSN-3

Black, Nylon 6/6, RMS-172



Can't find the size you are looking for? Contact us!



Type 1 Female/Male

Part Number	Thread "D1 & D2"	Dimensions (mm)			Standard Pack Quantity
		"L"	"H"	"P2"	
HNSM2.5-5-5-2	M2.5	5	5	3	500
1317188	M2.5	8	5	5	500
HNSM2.5-10-5-2	M2.5	10	5	8	500
HNSM2.5-15-5-2	M2.5	15	5	10	500
HNSM2.5-18-5-2	M2.5	18	5	10	500
HNSM2.5-20-5-2	M2.5	20	5	10	500
HNSM2.5-25-5-2	M2.5	25	5	10	500
HTSN-M3-5-5-5-2	M3	5	5.5	3	500
HTSN-M3-8-5-5-2	M3	8	5.5	5	500
HNSM3-10-5-5-2	M3	10	5.5	8	500
HNSM3-12-5-5-2	M3	12	5.5	9	500
HNSM3-15-5-5-2	M3	15	5.5	10	500
HNSM3-18-5-5-2	M3	18	5.5	10	500
HNSM3-20-5-5-2	M3	20	5.5	10	500
HNSM3-25-5-5-2	M3	25	5.5	10	500
HNSM3-30-5-5-2	M3	30	5.5	10	500
HNSM3-35-5-5-2	M3	35	5.5	10	500
HTSN-M3-5-6-2	M3	5	6	3	500
552198	M3	8	6	5	500
552191	M3	10	6	8	500
552201	M3	12	6	9	500
552211	M3	15	6	10	500
1317189	M3	18	6	10	500
552214	M3	20	6	10	500
HTSN-M3-25-6-2	M3	25	6	10	500
1317190	M3	30	6	10	500
HTSN-M3-35-6-2	M3	35	6	10	500
HTSN-M3-8-8-2	M3	8	8	5	500
HTSN-M3-10-8-2	M3	10	8	8	500
HTSN-M3-12-8-2	M3	12	8	9	500
HTSN-M3-15-8-2	M3	15	8	10	500
HTSN-M3-20-8-2	M3	20	8	10	500
HTSN-M3-25-8-2	M3	25	8	10	500
HTSN-M3-30-8-2	M3	30	8	10	500
HTSN-M3-35-8-2	M3	35	8	10	500
HTSN-M4-5-8-2	M4	5	8	3	500
1306280	M4	8	8	5	500
552192	M4	10	8	8	500
552209	M4	12	8	9	500
552199	M4	15	8	10	500
HTSN-M4-18-8-2	M4	18	8	10	500
1306279	M4	20	8	10	500
552195	M4	25	8	10	500
552194	M4	30	8	10	500
1317191	M4	35	8	10	500
522210	M4	40	8	10	500
1306281	M5	10	10	8	500
HTSN-M5-12-10-2	M5	12	10	9	500
HTSN-M5-15-10-2	M5	15	10	10	500
HTSN-M5-18-10-2	M5	18	10	10	500
HTSN-M5-20-10-2	M5	20	10	10	500
HTSN-M5-25-10-2	M5	25	10	10	500
HTSN-M5-30-10-2	M5	30	10	10	500
HTSN-M5-35-10-2	M5	35	10	10	500
1317192	M5	40	10	10	500

Type 2 Male/Male

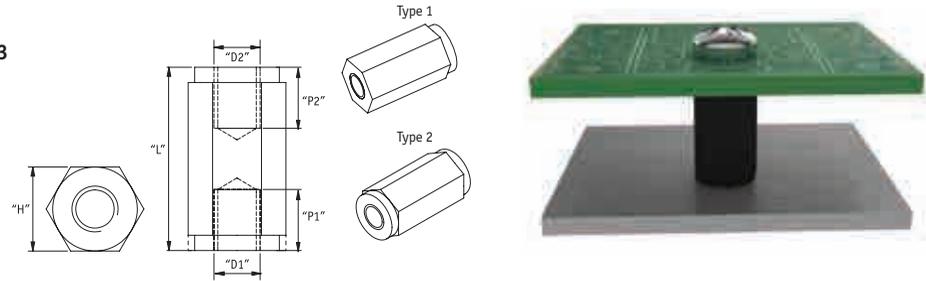
Part Number	Thread "M"	Dimensions (mm)			Standard Pack Quantity
		"L"	"H"	"B"	
HTSN-M2.5-5-3	M2.5	5	5	6	500
HTSN-M2.5-10-3	M2.5	10	5	6	500
HTSN-M2.5-12-3	M2.5	12	5	6	500
HTSN-M2.5-15-3	M2.5	15	5	6	500
HTSN-M2.5-18-3	M2.5	18	5	6	500
HTSN-M2.5-20-3	M2.5	20	5	6	500
HTSN-M2.5-25-3	M2.5	25	5	6	500
HTSN-M3-5-3	M3	5	6	6	500
HTSN-M3-8-3	M3	8	6	6	500
HTSN-M3-10-3	M3	10	6	6	500
HTSN-M3-12-3	M3	12	6	6	500
HTSN-M3-15-3	M3	15	6	6	500
HTSN-M3-18-3	M3	18	6	6	500
HTSN-M3-20-3	M3	20	6	6	500
HTSN-M3-25-3	M3	25	6	6	500
HTSN-M3-30-3	M3	30	6	6	500
HTSN-M3-35-3	M3	35	6	6	500
HTSN-M4-5-3	M4	5	6	6.4	500
HTSN-M4-8-3	M4	8	6	6.4	500
HTSN-M4-12-3	M4	12	6	6.4	500
HTSN-M4-15-3	M4	15	6	6.4	500
HTSN-M4-18-3	M4	18	6	6.4	500
HTSN-M4-20-3	M4	20	6	6.4	500
HTSN-M4-25-3	M4	25	6	6.4	500
HTSN-M4-30-3	M4	30	6	6.4	500
HTSN-M4-35-3	M4	35	6	6.4	500
HTSN-M4-40-3	M4	40	6	6.4	500

## Hex Threaded Standoff Female/Female

SR 2795

HTSN-1/HNSM-1

Black, Nylon 6 25% Glass Filled, RMS-173



Part Number	Thread	Dimensions (mm)			Type	Standard Pack Quantity
		"L"	"H"	"P1"/"P2"		
HTSN-M2-8-5-1	M2	8	5	Through	2	500
HTSN-M2-12-5-1	M2	12	5	10	2	500
HTSN-M2-15-5-1	M2	15	5	10	2	500
HTSN-M2-18-5-1	M2	18	5	10	2	500
HTSN-M2-20-5-1	M2	20	5	10	2	500
HTSN-M2.5-5-5-1	M2.5	5	5	Through	2	500
HTSN-M2.5-8-5-1	M2.5	8	5	Through	2	500
552200	M2.5	10	5	Through	2	500
552215	M2.5	12	5	10	2	500
HNSM2.5-15-5-1	M2.5	15	5	10	2	500
HNSM2.5-18-5-1	M2.5	18	5	10	2	500
HNSM2.5-20-5-1	M2.5	20	5	10	2	500
552222	M2.5	25	5	10	2	500
HTSN-M3-5-5-5-1	M3	5	5.5	Through	1	500
HTSN-M3-8-5-5-1	M3	8	5.5	Through	1	500
HNSM3-10-5-5-1	M3	10	5.5	Through	1	500
HNSM3-12-5-5-1	M3	12	5.5	10	1	500
HNSM3-15-5-5-1	M3	15	5.5	10	1	500
HNSM3-18-5-5-1	M3	18	5.5	10	1	500
HNSM3-20-5-5-1	M3	20	5.5	10	1	500
HNSM3-25-5-5-1	M3	25	5.5	10	1	500
HNSM3-30-5-5-1	M3	30	5.5	10	1	500
HNSM3-35-5-5-1	M3	35	5.5	10	1	500
HTSN-M3-5-6-1	M3	5	6	Through	2	500
552206	M3	10	6	Through	2	500
552190	M3	12	6	Through	2	500
552196	M3	15	6	Through	2	500
552204	M3	18	6	10	2	500
552216	M3	25	6	10	2	500
HTSN-M3-35-6-1	M3	35	6	10	2	500
HTSN-M3-5-7-1	M3	5	7	Through	2	500
HTSN-M3-10-7-1	M3	10	7	Through	2	500
HTSN-M3-12-7-1	M3	12	7	Through	2	500
HTSN-M3-15-7-1	M3	15	7	Through	2	500
HTSN-M3-18-7-1	M3	18	7	10	2	500
HTSN-M3-20-7-1	M3	20	7	10	2	500

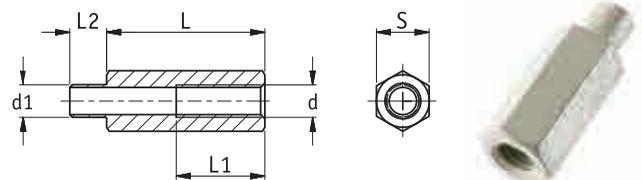
Part Number	Thread	Dimensions (mm)			Type	Standard Pack Quantity
		"L"	"H"	"P1"/"P2"		
HTSN-M3-25-7-1	M3	25	7	10	2	500
HTSN-M3-30-7-1	M3	30	7	10	2	500
HTSN-M3-5-8-1	M3	5	8	Through	2	500
HTSN-M3-8-8-1	M3	8	8	Through	2	500
HTSN-M3-10-8-1	M3	10	8	Through	2	500
HTSN-M3-12-8-1	M3	12	8	Through	2	500
HTSN-M3-15-8-1	M3	15	8	Through	2	500
HTSN-M3-20-8-1	M3	20	8	10	2	500
HTSN-M3-25-8-1	M3	25	8	10	2	500
HTSN-M3-30-8-1	M3	30	8	10	2	500
HTSN-M3-35-8-1	M3	35	8	10	2	500
HTSN-M4-5-8-1	M4	5	8	Through	2	500
HTSN-M4-8-8-1	M4	8	8	Through	2	500
552205	M4	15	8	Through	2	500
552203	M4	20	8	Through	2	500
552207	M4	30	8	10	2	500
552208	M4	40	8	10	2	500
HTSN-M4-10-10-1	M4	10	10	Through	2	500
HTSN-M4-12-10-1	M4	12	10	Through	2	500
HTSN-M4-15-10-1	M4	15	10	Through	2	500
HTSN-M4-18-10-1	M4	18	10	Through	2	500
HTSN-M4-20-10-1	M4	20	10	Through	2	500
HTSN-M4-25-10-1	M4	25	10	10	2	500
HTSN-M4-30-10-1	M4	30	10	10	2	500
HTSN-M4-35-10-1	M4	35	10	10	2	500
HTSN-M4-40-10-1	M4	40	10	10	2	500
HTSN-M5-10-10-1	M5	10	10	Through	2	500
HTSN-M5-15-10-1	M5	15	10	Through	2	500
HTSN-M5-18-10-1	M5	18	10	Through	2	500
HTSN-M5-20-10-1	M5	20	10	Through	2	500
HTSN-M5-25-10-1	M5	25	10	10	2	500
HTSN-M5-30-10-1	M5	30	10	10	2	500
HTSN-M5-35-10-1	M5	35	10	10	2	500
HTSN-M5-40-10-1	M5	40	10	10	2	500

## Soldering Spacer – Male/Female

SR 6124

Tin Plated Brass

- Designed to improve and automate fastening of metal spacers on PCB
- Low thermal inertia and tin plated finish
- Perfect electrical connection, suitable for EMC applications
- To be soldered manually or through a soldering wave

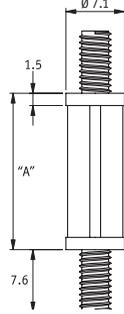


Part Number	Dimensions (mm)						Standard Pack Quantity
	d	S	L	L2	L1	d1	
314310041250	M3	5	10	3.5	6	3.1	100
314315041250	M3	5	15	3.5	8	3.1	100

# THREADED AND NON-THREADED SPACERS

## Circuit Board Stacking Spacer

SR 2796  
CBS-TMM  
UL94 V-2 Nylon 6/6, RMS-01 Natural



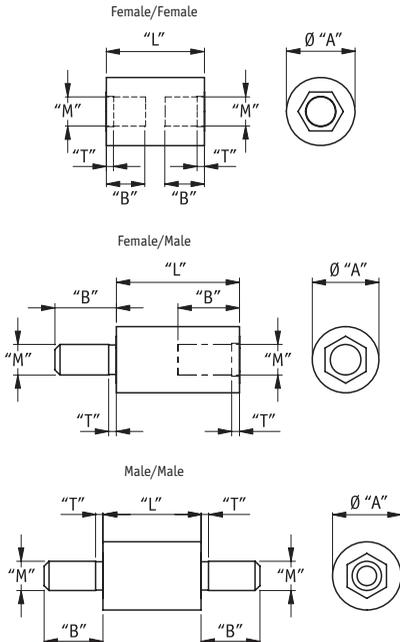
SEE TABLE FOR THREAD DETAIL AT BOTH ENDS

Can't find the size you are looking for? Contact us!

Part Number		"A" Standoff Height	Standard Pack Quantity
#6-32 Thread	M4 Thread		
CBS-TMM-4-01	CBS-TMM-M4-4-01	6.4	1000
CBS-TMM-6-01	CBS-TMM-M4-6-01	9.5	1000
CBS-TMM-8-01	CBS-TMM-M4-8-01	12.7	1000
CBS-TMM-10-01	CBSTMM-M4-10-01	15.9	1000
CBS-TMM-12-01	CBSTMM-M4-12-01	19.1	1000
-	CBSTMM-M4-14-01	22.2	1000
CBS-TMM-16-01	CBSTMM-M4-16-01	25.4	1000
CBS-TMM-20-01	-	31.7	1000
CBS-TMM-22-01	-	34.9	1000

## Metric Low Voltage Insulators

SR 2797  
TNM  
Natural UL94 HB Nylon 6/6, RMS-133  
Inserts: Brass, RMS-231  
• Voltage breakdown >11,000 Volts/mm



Part Number			Thread	"A"	"B"	"T"	"L"	Standard Pack Quantity
Female/Female	Female/Male	Male/Male						
TNM2.5-6.5-10-1	TNM2.5-6.5-10-2	TNM2.5-6.5-10-3	M2.5	6.5	6	0.6	10	100
TNM2.5-6.5-15-1	-	TNM2.5-6.5-15-3	M2.5	6.5	6	0.6	15	100
TNM2.5-6.5-20-1	TNM2.5-6.5-20-2	-	M2.5	6.5	6	0.6	20	100
-	TNM2.5-6.5-25-2	TNM2.5-6.5-25-3	M2.5	6.5	6	0.6	25	100
TNM2.5-8-10-1	TNM2.5-8-10-2	TNM2.5-8-10-3	M2.5	8	6	0.68	10	100
TNM2.5-8-15-1	TNM2.5-8-15-2	TNM2.5-8-15-3	M2.5	8	6	0.68	15	100
TNM2.5-8-20-1	-	TNM2.5-8-20-3	M2.5	8	6	0.68	20	100
-	-	TNM2.5-8-25-3	M2.5	8	6	0.68	25	100
TNM3-6.5-10-1	TNM3-6.5-10-2	TNM3-6.5-10-3	M3	6.5	6	0.75	10	100
TNM3-6.5-12-1	TNM3-6.5-12-2	TNM3-6.5-12-3	M3	6.5	6	0.75	12	100
TNM3-6.5-15-1	TNM3-6.5-15-2	TNM3-6.5-15-3	M3	6.5	6	0.75	15	100
TNM3-6.5-18-1	-	TNM3-6.5-18-3	M3	6.5	6	0.75	18	100
TNM3-6.5-20-1	TNM3-6.5-20-2	-	M3	6.5	6	0.75	20	100
TNM3-6.5-25-1	TNM3-6.5-25-2	TNM3-6.5-25-3	M3	6.5	6	0.75	25	100
TNM3-6.5-30-1	TNM3-6.5-30-2	TNM3-6.5-30-3	M3	6.5	6	0.75	30	100
TNM3-6.5-40-1	TNM3-6.5-40-2	TNM3-6.5-40-3	M3	6.5	6	0.75	40	100
TNM3-6.5-45-1	TNM3-6.5-45-2	TNM3-6.5-45-3	M3	6.5	6	0.75	45	100
TNM3-8-10-1	TNM3-8-10-2	-	M3	8	6	0.75	10	100
TNM3-8-12-1	TNM3-8-12-2	TNM3-8-12-3	M3	8	6	0.75	12	100
TNM3-8-15-1	TNM3-8-15-2	-	M3	8	6	0.75	15	100
TNM3-8-18-1	TNM3-8-18-2	TNM3-8-18-3	M3	8	6	0.75	18	100
TNM3-8-20-1	TNM3-8-20-2	-	M3	8	6	0.75	20	100
-	TNM3-8-25-2	TNM3-8-25-3	M3	8	6	0.75	25	100
TNM3-8-30-1	TNM3-8-30-2	TNM3-8-30-3	M3	8	6	0.75	30	100
-	TNM3-8-40-2	TNM3-8-40-3	M3	8	6	0.75	40	100
TNM3-8-45-1	TNM3-8-45-2	TNM3-8-45-3	M3	8	6	0.75	45	100
TNM4-8-15-1	TNM4-8-15-2	-	M4	8	6	1.05	15	100
TNM4-8-18-1	TNM4-8-18-2	TNM4-8-18-3	M4	8	6	1.05	18	100
-	TNM4-8-20-2	TNM4-8-20-3	M4	8	6	1.05	20	100
TNM4-8-25-1	TNM4-8-25-2	TNM4-8-25-3	M4	8	6	1.05	25	100
TNM4-8-30-1	TNM4-8-30-2	TNM4-8-30-3	M4	8	6	1.05	30	100
TNM4-8-40-1	TNM4-8-40-2	TNM4-8-40-3	M4	8	6	1.05	40	100
TNM4-8-45-1	TNM4-8-45-2	TNM4-8-45-3	M4	8	6	1.05	45	100
TNM4-8-50-1	TNM4-8-50-2	TNM4-8-50-3	M4	8	6	1.05	50	100
TNM4-9.5-15-1	TNM4-9.5-15-2	-	M4	9.5	10	1.05	15	100
-	TNM4-9.5-18-2	TNM4-9.5-18-3	M4	9.5	10	1.05	18	100
TNM4-9.5-20-1	TNM4-9.5-20-2	-	M4	9.5	10	1.05	20	100
TNM4-9.5-25-1	TNM4-9.5-25-2	TNM4-9.5-25-3	M4	9.5	10	1.05	25	100
TNM4-9.5-30-1	TNM4-9.5-30-2	TNM4-9.5-30-3	M4	9.5	10	1.05	30	100
TNM4-9.5-40-1	TNM4-9.5-40-2	TNM4-9.5-40-3	M4	9.5	10	1.05	40	100
TNM4-9.5-45-1	TNM4-9.5-45-2	TNM4-9.5-45-3	M4	9.5	10	1.05	45	100
-	TNM4-9.5-50-2	TNM4-9.5-50-3	M4	9.5	10	1.05	50	100
TNM5-9.5-20-1	TNM5-9.5-20-2	TNM5-9.5-20-3	M5	9.5	10	1.2	20	100
TNM5-9.5-25-1	TNM5-9.5-25-2	TNM5-9.5-25-3	M5	9.5	10	1.2	25	100
TNM5-9.5-30-1	TNM5-9.5-30-2	TNM5-9.5-30-3	M5	9.5	10	1.2	30	100
TNM5-9.5-40-1	TNM5-9.5-40-2	TNM5-9.5-40-3	M5	9.5	10	1.2	40	100
TNM5-9.5-45-1	TNM5-9.5-45-2	TNM5-9.5-45-3	M5	9.5	10	1.2	45	100
TNM5-9.5-50-1	TNM5-9.5-50-2	TNM5-9.5-50-3	M5	9.5	10	1.2	50	100
TNM6-12.7-25-1	TNM6-12.7-25-2	-	M6	12.7	12.7	1.5	25	100
TNM6-12.7-30-1	TNM6-12.7-30-2	TNM6-12.7-30-3	M6	12.7	12.7	1.5	30	100
TNM6-12.7-40-1	TNM6-12.7-40-2	TNM6-12.7-40-3	M6	12.7	12.7	1.5	40	100
TNM6-12.7-45-1	TNM6-12.7-45-2	TNM6-12.7-45-3	M6	12.7	12.7	1.5	45	100
TNM6-12.7-50-1	TNM6-12.7-50-2	TNM6-12.7-50-3	M6	12.7	12.7	1.5	50	100
TNM6-12.7-55-1	TNM6-12.7-55-2	-	M6	12.7	12.7	1.5	55	100

## Metric Hex Low Voltage Insulators

SR 2798

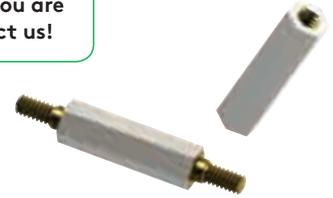
HSM

Natural Nylon 6, RMS-133

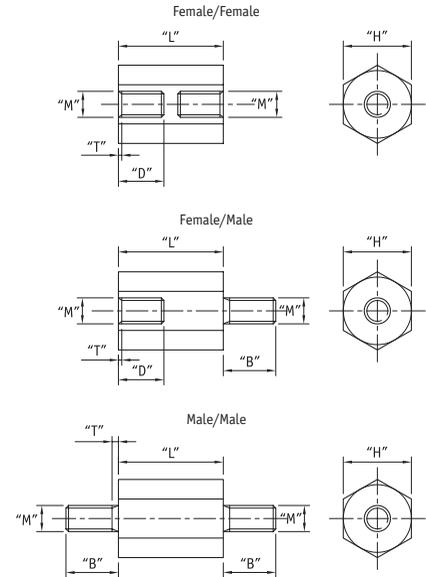
Insert: Brass, RMS-231

- Voltage breakdown >11,000 Volts/mm

Can't find the size you are looking for? Contact us!



Part Number			"M"	"H"	"B"	"D"	"T"	"L"	Standard Pack Quantity
Female/Female	Female/Male	Male/Male							
HSM2.5-6.4-15-1	HSM2.5-6.4-15-2	HSM2.5-6.4-15-3	M2.5	6.4	6	6	0.68	15	100
HSM2.5-6.4-20-1	HSM2.5-6.4-20-2	HSM2.5-6.4-20-3	M2.5	6.4	6	6	0.68	20	100
-	HSM2.5-6.4-25-2	HSM2.5-6.4-25-3	M2.5	6.4	6	6	0.68	25	100
HSM3-6.4-15-1	HSM3-6.4-15-2	HSM3-6.4-15-3	M3	6.4	6	6	0.75	15	100
HSM3-6.4-18-1	HSM3-6.4-18-2	HSM3-6.4-18-3	M3	6.4	6	6	0.75	18	100
HSM3-6.4-20-1	HSM3-6.4-20-2	HSM3-6.4-20-3	M3	6.4	6	6	0.75	20	100
HSM3-6.4-25-1	HSM3-6.4-25-2	-	M3	6.4	6	6	0.75	25	100
HSM3-6.4-30-1	HSM3-6.4-30-2	HSM3-6.4-30-3	M3	6.4	6	6	0.75	30	100
HSM3-6.4-40-1	HSM3-6.4-40-2	HSM3-6.4-40-3	M3	6.4	6	6	0.75	40	100
HSM3-6.4-45-1	HSM3-6.4-45-2	-	M3	6.4	6	6	0.75	45	100
HSM4-8-15-1	1336223	1336220	M4	8	6	6	1.05	15	100
HSM4-8-18-1	HSM4-8-18-2	HSM4-8-18-3	M4	8	6	6	1.05	18	100
HSM4-8-20-1	1336219	HSM4-8-20-3	M4	8	6	6	1.05	20	100
HSM4-8-25-1	HSM4-8-25-2	HSM4-8-25-3	M4	8	6	6	1.05	25	100
HSM4-8-30-1	1336221	HSM4-8-30-3	M4	8	6	6	1.05	30	100
HSM4-8-40-1	HSM4-8-40-2	HSM4-8-40-3	M4	8	6	6	1.05	40	100
HSM4-8-45-1	HSM4-8-45-2	-	M4	8	6	6	1.05	45	100
HSM4-8-50-1	HSM4-8-50-2	HSM4-8-50-3	M4	8	6	6	1.05	50	100
-	HSM5-9.5-20-2	HSM5-9.5-20-3	M5	9.5	10	10	1.2	20	100
-	HSM5-9.5-25-2	HSM5-9.5-25-3	M5	9.5	10	10	1.2	25	100
HSM5-9.5-30-1	HSM5-9.5-30-2	-	M5	9.5	10	10	1.2	30	100
HSM5-9.5-40-1	HSM5-9.5-40-2	-	M5	9.5	10	10	1.2	40	100
HSM5-9.5-45-1	HSM5-9.5-45-2	HSM5-9.5-45-3	M5	9.5	10	10	1.2	45	100
HSM5-9.5-50-1	1336222	HSM5-9.5-50-3	M5	9.5	10	10	1.2	50	100
HSM6-12.7-25-1	HSM6-12.7-25-2	HSM6-12.7-25-3	M6	12.7	12.7	12.7	1.5	25	100
HSM6-12.7-30-1	HSM6-12.7-30-2	HSM6-12.7-30-3	M6	12.7	12.7	12.7	1.5	30	100
HSM6-12.7-40-1	HSM6-12.7-40-2	HSM6-12.7-40-3	M6	12.7	12.7	12.7	1.5	40	100
HSM6-12.7-45-1	HSM6-12.7-45-2	HSM6-12.7-45-3	M6	12.7	12.7	12.7	1.5	45	100
HSM6-12.7-50-1	HSM6-12.7-50-2	HSM6-12.7-50-3	M6	12.7	12.7	12.7	1.5	50	100
-	HSM6-12.7-55-2	HSM6-12.7-55-3	M6	12.7	12.7	12.7	1.5	55	100



## Metric Micro Low Voltage Insulators

SR 2799

MTNSP

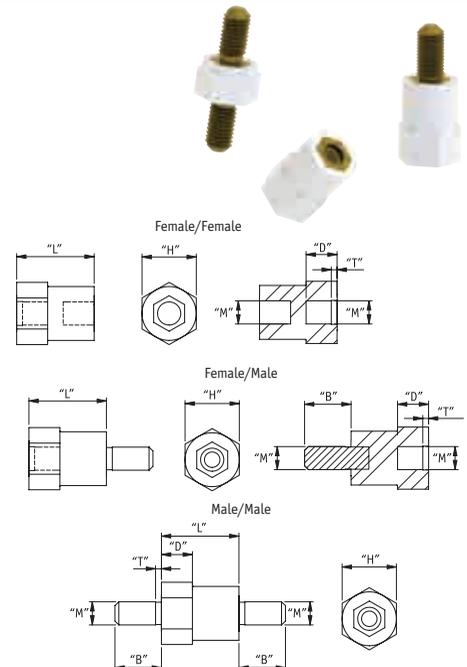
Natural Nylon 6, RMS-133

Insert: Brass, RMS-231

- Voltage breakdown >11,000 Volts/mm

Part Number	Thread Style	"M"	"L"	"H" Body Diameter	"B" Stud Length	"D" Insert Depth	"T"	Standard Pack Quantity
MTNSP-M2.5-10-1	Female/Female	M2.5	10	6	-	4	0.68	100
MTNSP-M2.5-12-1	Female/Female	M2.5	12	6	-	4	0.68	100
MTNSP-M3-10-1	Female/Female	M3	10	7	-	4	0.75	100
MTNSP-M3-12-1	Female/Female	M3	12	7	-	4	0.75	100
MTNSP-M2.5-8-2	Male/Female	M2.5	8	6	6	4	0.68	100
MTNSP-M2.5-10-2	Male/Female	M2.5	10	6	6	4	0.68	100
MTNSP-M2.5-12-2	Male/Female	M2.5	12	6	6	4	0.68	100
MTNSP-M3-8-2	Male/Female	M3	8	7	6	4	0.75	100
MTNSP-M3-10-2	Male/Female	M3	10	7	6	4	0.75	100
MTNSP-M3-12-2	Male/Female	M3	12	7	6	4	0.75	100
MTNSP-M2.5-8-3	Male/Male	M2.5	8	6	6	-	-	100
MTNSP-M2.5-10-3	Male/Male	M2.5	10	6	6	-	-	100
MTNSP-M2.5-12-3	Male/Male	M2.5	12	6	6	-	-	100
MTNSP-M3-5-3	Male/Male	M3	5	6	6	-	-	100
MTNSP-M3-8-3	Male/Male	M3	8	6	6	-	-	100
MTNSP-M3-10-3	Male/Male	M3	10	6	6	-	-	100
MTNSP-M3-12-3	Male/Male	M3	12	6	6	-	-	100

Unthreaded length: 1.5 pitch maximum

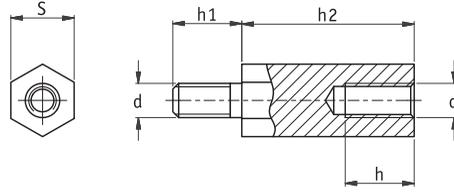


# THREADED AND NON-THREADED SPACERS

## Hex Spacer – Male/Female, Undercut

SR 2800

P160140



### Nickel Plated Brass

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221214	M2	4	6	5	4	100
1221215	M2	4	8	5	5	100
1221216	M2	4	10	5	6	100
1221217	M2	4	12	5	6	100
1221218	M2	4	15	5	6	100
1221219	M2	4	18	5	6	100
1221220	M2	4	20	5	6	100
1221221	M2	4	25	5	6	100
1221222	M2	4	30	5	6	100
1221223	M2.5	5	6	6	3	100
1221224	M2.5	5	6	6	4	100
1221225	M2.5	5	7	6	4	100
1221226	M2.5	5	8	6	5	100
1221227	M2.5	5	10	6	6	100
1221228	M2.5	5	11	6	6	100
1221229	M2.5	5	12	6	7	100
1221230	M2.5	5	15	6	10	100
1221231	M2.5	5	18	6	10	100
1221232	M2.5	5	20	6	10	100
1221233	M2.5	5	25	6	10	100
1221234	M2.5	5	30	6	10	100
1221235	M3	5	5	8	3	100
1221236	M3	5	6	8	4	100
1221237	M3	5	7	8	4	100
1221238	M3	5	8	8	5	100
1221239	M3	5	9	8	5	100
1221240	M3	5	10	8	6	100
1221241	M3	5	11	8	6	100
1221242	M3	5	12	8	7	100
1221243	M3	5	13	8	7	100
1221244	M3	5	14	8	7	100
1221245	M3	5	15	8	10	100

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221246	M3	5	16	8	10	100
1221247	M3	5	17	8	10	100
1221248	M3	5	18	8	10	100
1221249	M3	5	20	8	10	100
1221250	M3	5	25	8	10	100
1221251	M3	5	30	8	10	100
1221252	M3	5	35	8	10	100
1221253	M3	5	40	8	10	100
1221254	M3	5	45	8	10	100
1221255	M3	5	50	8	10	100
1221256	M3	5	55	8	10	100
1221257	M3	5	60	8	10	100
1221258	M3	5.5	5	6	3	100
1221259	M3	5.5	5	8	3	100
1221260	M3	5.5	6	6	4	100
1221261	M3	5.5	6	8	4	100
1221262	M3	5.5	8	6	5	100
1221263	M3	5.5	8	8	5	100
1221264	M3	5.5	10	6	6	100
1221265	M3	5.5	10	8	6	100
1221266	M3	5.5	12	6	7	100
1221267	M3	5.5	12	8	7	100
1221268	M3	5.5	13	8	7	100
1221269	M3	5.5	15	6	10	100
1221270	M3	5.5	15	8	10	100
1221271	M3	5.5	18	6	10	100
1221272	M3	5.5	18	8	10	100
1221273	M3	5.5	20	6	10	100
1221274	M3	5.5	20	8	10	100
1221275	M3	5.5	25	6	10	100
1221276	M3	5.5	30	6	10	100

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221277	M3	5.5	35	6	10	100
1221278	M3	5.5	35	8	10	100
1221279	M3	5.5	40	6	10	100
1221280	M3	5.5	40	8	10	100
1221281	M3	5.5	50	6	10	100
1221282	M3	5.5	50	8	10	100
1221283	M3	5.5	60	8	10	100
1221284	M4	7	8	8	5	100
1221285	M4	7	10	8	6	100
1221286	M4	7	12	8	7	100
1221287	M4	7	15	8	10	100
1221288	M4	7	18	8	10	100
1221289	M4	7	20	8	10	100
1221290	M4	7	25	8	10	100
1221291	M4	7	30	8	10	100
1221292	M4	7	35	8	10	100
1221293	M4	7	40	8	10	100
1221294	M4	7	45	8	10	100
1221295	M4	7	50	8	10	100
1221296	M4	7	55	8	10	100
1221297	M4	7	60	8	10	100
1221298	M4	7	65	8	10	100
1221299	M4	7	70	8	10	100
1221300	M4	7	80	8	10	100
1221301	M5	8	10	8	6	100
1221302	M5	8	12	8	7	100
1221303	M5	8	15	8	10	100
1221304	M5	8	18	8	10	100
1221305	M5	8	20	8	10	100
1221306	M5	8	25	8	10	100
1221307	M5	8	30	8	10	100

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221308	M5	8	35	8	10	100
1221309	M5	8	40	8	10	100
1221310	M5	8	45	8	10	100
1221311	M5	8	50	8	10	100
1221312	M5	8	55	8	10	100
1221313	M5	8	60	8	10	100
1221314	M5	8	70	8	10	100
1221315	M6	10	10	10	6	100
1221316	M6	10	12	10	7	100
1221317	M6	10	15	10	10	100
1221318	M6	10	18	10	10	100
1221319	M6	10	20	10	12	100
1221320	M6	10	25	10	12	100
1221321	M6	10	30	10	12	100
1221322	M6	10	35	10	12	100
1221323	M6	10	40	10	12	100
1221324	M6	10	50	10	12	100
1221325	M6	10	60	10	12	100
1221326	M6	10	70	10	12	100
1221327	M6	10	80	10	12	100
1221328	M6	10	90	10	12	100
1221329	M8	13	15	14	10	100
1221330	M8	13	18	14	10	100
1221331	M8	13	20	14	14	100
1221332	M8	13	25	14	14	100
1221333	M8	13	30	14	14	100
1221334	M8	13	35	14	14	100
1221335	M8	13	40	14	14	100
1221336	M8	13	50	14	14	100
1221337	M8	13	60	14	14	100
1221338	M8	13	70	14	14	100

### Zinc Plated Steel

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221339	M2	4	6	5	3	100
1221340	M2	4	8	5	5	100
1221341	M2	4	10	5	6	100
1221342	M2	4	12	5	6	100
1221343	M2	4	15	5	6	100
1221344	M2	4	18	5	6	100
1221345	M2	4	20	5	6	100
1221346	M2	4	25	5	6	100
1221347	M2	4	30	5	6	100
1221348	M2.5	5	6	6	3	100
1221349	M2.5	5	6	6	3	100
1221350	M2.5	5	7	6	3	100
1221351	M2.5	5	8	6	5	100
1221352	M2.5	5	10	6	6	100
1221353	M2.5	5	11	6	6	100
1221354	M2.5	5	12	6	7	100
1221355	M2.5	5	15	6	10	100
1221356	M2.5	5	18	6	10	100
1221357	M2.5	5	20	6	10	100
1221358	M2.5	5	25	6	10	100
1221359	M2.5	5	30	6	10	100
1221360	M3	5	5	6	3	100
1221361	M3	5	6	6	3	100
1221362	M3	5	7	6	3	100
1221363	M3	5	8	6	5	100
1221364	M3	5	9	6	5	100
1221365	M3	5	10	6	6	100
1221366	M3	5	11	6	6	100

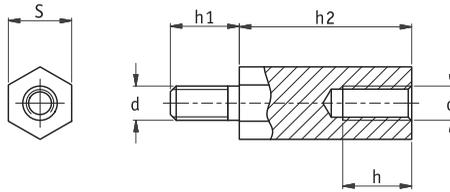
Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221367	M3	5	12	6	7	100
1221368	M3	5	13	6	7	100
1221369	M3	5	14	6	7	100
1221370	M3	5	15	6	10	100
1221371	M3	5	16	6	10	100
1221372	M3	5	17	6	10	100
1221373	M3	5	18	6	10	100
1221374	M3	5	20	6	10	100
1221375	M3	5	25	6	10	100
1221376	M3	5	30	6	10	100
1221377	M3	5	35	6	10	100
1221378	M3	5	40	6	10	100
1221379	M3	5	45	6	10	100
1221380	M3	5	50	6	10	100
1221381	M3	5.5	5	6	3	100
1221382	M3	5.5	6	6	3	100
1221383	M3	5.5	8	6	5	100
1221384	M3	5.5	10	6	6	100
1221385	M3	5.5	12	6	7	100
1221386	M3	5.5	13	6	7	100
1221387	M3	5.5	15	6	10	100
1221388	M3	5.5	18	6	10	100
1221389	M3	5.5	20	6	10	100
1221390	M3	5.5	25	6	10	100
1221391	M3	5.5	30	6	10	100
1221392	M3	5.5	35	6	10	100
1221393	M3	5.5	40	6	10	100
1221394	M3	5.5	50	6	10	100

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221395	M4	7	8	8	5	100
1221396	M4	7	10	8	6	100
1221397	M4	7	12	8	7	100
1221398	M4	7	15	8	10	100
1221399	M4	7	18	8	10	100
1221400	M4	7	20	8	10	100
1221401	M4	7	25	8	10	100
1221402	M4	7	30	8	10	100
1221403	M4	7	35	8	10	100
1221404	M4	7	40	8	10	100
1221405	M4	7	45	8	10	100
1221406	M4					

## Hex Spacer – Male/Female, Undercut

SR 2801

P160140



### Stainless Steel

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221450	M2.5	5	5	6	2.5	100
1221451	M2.5	5	6	6	4	100
1221452	M2.5	5	7	6	4	100
1221453	M2.5	5	8	6	5	100
1221454	M2.5	5	10	6	6	100
1221455	M2.5	5	11	6	6	100
1221456	M2.5	5	12	6	7	100
1221457	M2.5	5	15	6	10	100
1221458	M2.5	5	18	6	10	100
1221459	M2.5	5	20	6	10	100
1221460	M2.5	5	25	6	10	100
1221461	M2.5	5	30	6	10	100
1221462	M3	5.5	5	6	2.5	100
1221463	M3	5.5	6	6	2.5	100
1221464	M3	5.5	8	6	5	100
1221465	M3	5.5	10	6	6	100
1221466	M3	5.5	12	6	7	100
1221467	M3	5.5	15	6	7	100
1221468	M3	5.5	18	6	7	100
1221469	M3	5.5	20	6	7	100
1221470	M3	5.5	25	6	7	100
1221471	M3	5.5	30	6	7	100
1221472	M3	5.5	35	6	7	100
1221473	M3	5.5	40	6	7	100
1221474	M3	5.5	50	6	7	100
1221475	M4	7	8	8	5	100
1221476	M4	7	10	8	6	100
1221477	M4	7	12	8	8	100
1221478	M4	7	15	8	9	100
1221479	M4	7	18	8	9	100
1221480	M4	7	20	8	9	100
1221481	M4	7	25	8	9	100
1221482	M4	7	30	8	9	100
1221483	M4	7	35	8	9	100
1221484	M4	7	40	8	9	100
1221485	M4	7	45	8	9	100
1221486	M4	7	50	8	9	100
1221487	M4	7	55	8	9	100
1221488	M4	7	60	8	9	100
1221489	M4	7	65	8	9	100
1221490	M4	7	70	8	9	100
1221491	M4	7	80	8	9	100
1221492	M5	8	10	8	6	100
1221493	M5	8	12	8	8	100
1221494	M5	8	15	8	10	100
1221495	M5	8	18	8	10	100
1221496	M5	8	20	8	10	100
1221497	M5	8	25	8	10	100
1221498	M5	8	30	8	10	100
1221499	M5	8	35	8	10	100
1221500	M5	8	40	8	10	100
1221501	M5	8	45	8	10	100
1221502	M5	8	50	8	10	100
1221503	M5	8	55	8	10	100
1221504	M5	8	60	8	10	100
1221505	M5	8	70	8	10	100
1221506	M6	10	10	10	5	100
1221507	M6	10	12	10	7	100
1221508	M6	10	15	10	10	100
1221509	M6	10	18	10	12	100
1221510	M6	10	20	10	12	100
1221511	M6	10	25	10	12	100
1221512	M6	10	30	10	12	100
1221513	M6	10	35	10	12	100
1221514	M6	10	40	10	12	100
1221515	M6	10	50	10	12	100
1221516	M6	10	60	10	12	100
1221517	M6	10	70	10	12	100
1221518	M6	10	80	10	12	100
1221519	M6	10	90	10	12	100
1221520	M8	13	15	14	10	100
1221521	M8	13	18	14	12	100
1221522	M8	13	20	14	14	100
1221523	M8	13	25	14	14	100
1221524	M8	13	30	14	14	100
1221525	M8	13	35	14	14	100
1221526	M8	13	40	14	14	100
1221527	M8	13	50	14	14	100
1221528	M8	13	60	14	14	100
1221529	M8	13	70	14	14	100

### Aluminium

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	S	h2	h1	h	
1221530	M2.5	5	5	6	2.5	100
1221531	M2.5	5	6	6	4	100
1221532	M2.5	5	7	6	4	100
1221533	M2.5	5	8	6	5	100
1221534	M2.5	5	10	6	6	100
1221535	M2.5	5	11	6	6	100
1221536	M2.5	5	12	6	7	100
1221537	M2.5	5	15	6	10	100
1221538	M2.5	5	18	6	10	100
1221539	M2.5	5	20	6	10	100
1221540	M2.5	5	25	6	10	100
1221541	M2.5	5	30	6	10	100
1221542	M3	5.5	5	6	2.5	100
1221543	M3	5.5	6	6	2.5	100
1221544	M3	5.5	8	6	5	100
1221545	M3	5.5	10	6	6	100
1221546	M3	5.5	12	6	7	100
1221547	M3	5.5	15	6	7	100
1221548	M3	5.5	18	6	7	100
1221549	M3	5.5	20	6	7	100
1221550	M3	5.5	25	6	7	100
1221551	M3	5.5	30	6	7	100
1221552	M3	5.5	35	6	7	100
1221553	M3	5.5	40	6	7	100
1221554	M3	5.5	50	6	7	100
1221555	M3	5.5	60	6	7	100
1221556	M4	7	8	8	5	100
1221557	M4	7	10	8	6	100
1221558	M4	7	12	8	8	100
1221559	M4	7	15	8	9	100
1221560	M4	7	18	8	9	100
1221561	M4	7	20	8	9	100
1221562	M4	7	25	8	9	100
1221563	M4	7	30	8	9	100
1221564	M4	7	35	8	9	100
1221565	M4	7	40	8	9	100
1221566	M4	7	45	8	9	100
1221567	M4	7	50	8	9	100
1221568	M4	7	55	8	9	100
1221569	M4	7	60	8	9	100
1221570	M4	7	65	8	9	100
1221571	M4	7	70	8	9	100
1221572	M4	7	80	8	9	100
1221573	M5	8	10	8	6	100
1221574	M5	8	12	8	8	100
1221575	M5	8	15	8	10	100
1221576	M5	8	18	8	10	100
1221577	M5	8	20	8	10	100
1221578	M5	8	25	8	10	100
1221579	M5	8	30	8	10	100
1221580	M5	8	35	8	10	100
1221581	M5	8	40	8	10	100
1221582	M5	8	45	8	10	100
1221583	M5	8	50	8	10	100
1221584	M5	8	55	8	10	100
1221585	M5	8	60	8	10	100
1221586	M5	8	70	8	10	100
1221587	M6	10	10	10	5	100
1221588	M6	10	12	10	7	100
1221589	M6	10	15	10	10	100
1221590	M6	10	18	10	12	100
1221591	M6	10	20	10	12	100
1221592	M6	10	25	10	12	100
1221593	M6	10	30	10	12	100
1221594	M6	10	35	10	12	100
1221595	M6	10	40	10	12	100
1221596	M6	10	50	10	12	100
1221597	M6	10	60	10	12	100
1221598	M6	10	70	10	12	100
1221599	M6	10	80	10	12	100
1221600	M6	10	90	10	12	100
1221601	M8	13	15	14	10	100
1221602	M8	13	18	14	12	100
1221603	M8	13	20	14	14	100
1221604	M8	13	25	14	14	100
1221605	M8	13	30	14	14	100
1221606	M8	13	35	14	14	100
1221607	M8	13	40	14	14	100
1221608	M8	13	50	14	14	100
1221609	M8	13	60	14	14	100
1221610	M8	13	70	14	14	100

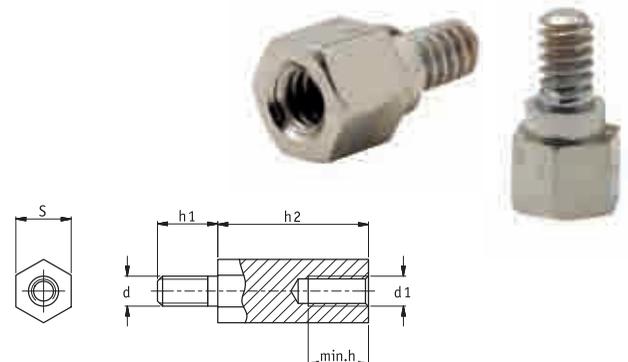
## Hex Spacer – Sub-D, Undercut

SR 2802

P160140

Nickle Plated Brass

Part Number	Dimensions (mm)							Standard Pack Quantity
	d	d1	S	h1	Min.h	h2		
1221611	4NC	4NC	5	6	3	5	100	
1221612	4NC	4NC	5	8	3	5	100	
1221613	4NC	4NC	5	12	3	5	100	
1221614	4NC	M3	5	6	3	5	100	
1221615	4NC	M3	5	8	3	5	100	
1221616	M3	4NC	5	6	3	5	100	
1221617	M3	4NC	5	8	3	5	100	
1221618	M3	4NC	5	12	3	5	100	



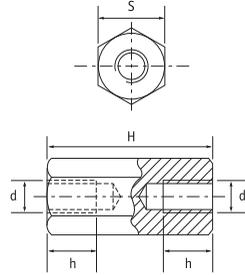
# THREADED AND NON-THREADED SPACERS

## Hex Spacer – Female/Female

SR 2701

Nickel Plated Brass/Zinc Plated Steel/Stainless Steel

- Screw-in design



Part Number			Dimensions (mm)				Standard Pack Quantity
Nickel Plated Brass	Zinc Plated Steel	Stainless Steel	d	S	H	h	
301105040050	301105040052	301105041556	M2	4	5	2.5	100
301108040050	-	301108041556	M2	4	8	4	100
301110040050	-	301110041556	M2	4	10	5	100
301112040050	-	301112041556	M2	4	12	6	100
301115040050	-	301115041556	M2	4	15	6	100
301118040050	-	301118041556	M2	4	18	6	100
301120040050	-	301120041556	M2	4	20	6	100
301125040050	-	-	M2	4	25	6	50
301130040050	-	-	M2	4	30	6	50
301205040050	-	301205041556	M2.5	5	5	2.5	100
301206040050	-	-	M2.5	5	6	3	100
301208040050	-	301208041556	M2.5	5	8	4	100
301210040050	-	301210041556	M2.5	5	10	5	100
301211040050	-	-	M2.5	5	11	5.5	100
301212040050	-	301212041556	M2.5	5	12	6	100
301213040050	-	-	M2.5	5	13	6.5	100
301215040050	-	301215041556	M2.5	5	15	7.5	100
301218040050	-	301218041556	M2.5	5	18	8	100
301220040050	-	301220041556	M2.5	5	20	8	100
301225040050	-	-	M2.5	5	25	8	100
301230040050	-	-	M2.5	5	30	8	100
301235040050	-	-	M2.5	5	35	8	100
301240040050	-	-	M2.5	5	40	8	100
301305040050	301305041152	-	M3	5	5	2.5	100
301306040050	301306041152	-	M3	5	6	3	100
301307040050	-	-	M3	5	7	3.5	100
301308040050	301308041152	-	M3	5	8	4	100
301309040050	301309041152	-	M3	5	9	4.5	100
301310040050	301310041152	-	M3	5	10	5	100
301311040050	-	-	M3	5	11	5.5	100
301312040050	301312041152	-	M3	5	12	6	100
301313040050	301313041152	-	M3	5	13	6.5	100
301314040050	301314041152	-	M3	5	14	7	100
301315040050	301315041152	-	M3	5	15	7.5	100
301316040050	301316041152	-	M3	5	16	8	100
301317040050	-	-	M3	5	17	8.5	100
301318040050	301318041152	-	M3	5	18	9	100
301319040050	-	-	M3	5	19	9	100
301320040050	301320041152	-	M3	5	20	9	100
301325040050	301325041152	-	M3	5	25	10	100
301330040050	301330041152	-	M3	5	30	10	100
301335040050	301335041152	-	M3	5	35	10	100
301340040050	301340041152	-	M3	5	40	10	100
301345040050	301345041152	-	M3	5	45	10	50
301350040050	301350041152	-	M3	5	50	10	50
301355040050	301355041152	-	M3	5	55	10	50
301360040050	301360041152	-	M3	5	60	10	50
301305140050	301305141152	301305141556	M3	5.5	5	2.5	100
301308140050	301308141152	301308141556	M3	5.5	8	4	100
301310140050	301310141152	301310141556	M3	5.5	10	5	100

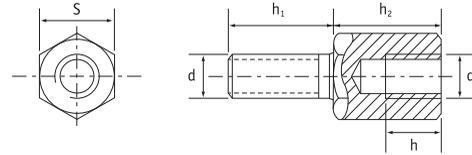
Part Number			Dimensions (mm)				Standard Pack Quantity
Nickel Plated Brass	Zinc Plated Steel	Stainless Steel	d	S	H	h	
301312140050	301312141152	-	M3	5.5	12	6	100
301315140050	301315141152	301315141556	M3	5.5	15	7.5	100
301316140050	-	-	M3	5.5	16	8	100
301318140050	301318141152	-	M3	5.5	18	9	100
301320140050	301320141152	301320141556	M3	5.5	20	9	100
301325140050	301325141152	301325141556	M3	5.5	25	10	100
301330140050	301330141152	301330141556	M3	5.5	30	10	100
301335140050	301335141152	-	M3	5.5	35	10	100
301340140050	301340141152	301340141556	M3	5.5	40	10	50
301345140050	-	-	M3	5.5	45	10	50
301350140050	301350141152	301350141556	M3	5.5	50	10	50
301360140050	301360141152	-	M3	5.5	60	10	50
-	-	301312141556	M3	5.5	12	6	50
-	-	301318141556	M3	5.5	18	9	50
301405040050	301405041152	-	M4	7	5	2.5	100
301408040050	301408041152	-	M4	7	8	4	100
-	301409041152	-	M4	7	9	4.5	100
301410040050	301410041152	301410041556	M4	7	10	5	100
301411040050	301411041152	-	M4	7	11	5.5	100
301412040050	301412041152	-	M4	7	12	6	100
301413040050	301413041152	-	M4	7	13	6.5	100
301414040050	301414041152	-	M4	7	14	7	100
301415040050	301415041152	301415041556	M4	7	15	7.5	100
301416040050	-	-	M4	7	16	8	100
301417040050	-	-	M4	7	17	8.5	100
301418040050	301418041152	-	M4	7	18	9	100
301420040050	301420041152	301420041556	M4	7	20	10	100
301425040050	301425041152	301425041556	M4	7	25	10	100
301430040050	301430041152	301430041556	M4	7	30	10	50
301435040050	301435041152	-	M4	7	35	10	50
301440040050	301440041152	301440041556	M4	7	40	10	50
301445040050	301445041152	-	M4	7	45	10	50
301450040050	301450041152	301450041556	M4	7	50	10	50
301455040050	301455041152	-	M4	7	55	10	50
301460040050	301460041152	-	M4	7	60	10	50
-	301465041152	-	M4	7	65	10	25
301470040050	301470041152	-	M4	7	70	10	25
301510040050	301510041152	301510041556	M5	8	10	5	100
301512040050	301512041152	-	M5	8	12	6	100
301515040050	301515041152	-	M5	8	15	7.5	100
-	-	301515041556	M5	8	15	7.5	50
301518040050	301518041152	-	M5	8	18	9	100
301520040050	301520041152	301520041556	M5	8	20	10	50
301525040050	301525041152	301525041556	M5	8	25	10	50
301530040050	301530041152	301530041556	M5	8	30	10	50
301535040050	301535041152	-	M5	8	35	10	50
301540040050	301540041152	301540041556	M5	8	40	10	50
301545040050	301545041152	-	M5	8	45	10	25
301550040050	301550041152	301550041556	M5	8	50	10	25
301555040050	301555041152	-	M5	8	55	10	25
301560040050	301560041152	301560041556	M5	8	60	10	25
301570040050	301570041152	-	M5	8	70	10	25
-	301610041152	-	M6	10	10	5	50
-	301615041152	-	M6	10	15	7.5	50
-	301618041152	301618041556	M6	10	18	9	50
-	301620041152	301620041556	M6	10	20	10	50
-	301625041152	301625041556	M6	10	25	12	50
-	301630041152	301630041556	M6	10	30	12	50
-	301635041152	-	M6	10	35	12	25
-	301640041152	301640041556	M6	10	40	12	25
-	301650041152	301650041556	M6	10	50	12	25
-	301655041152	-	M6	10	55	12	25
-	301660041152	301660041556	M6	10	60	12	25
-	301670041152	-	M6	10	70	12	25
-	301815041152	-	M8	13	15	7.5	10
-	301820041152	-	M8	13	20	10	10
-	301825041152	-	M8	13	25	12.5	10
-	301830041152	-	M8	13	30	15	10
-	301835041152	-	M8	13	35	15	10
-	301840041152	-	M8	13	40	15	10
-	301850041152	-	M8	13	50	15	10
-	301860041152	-	M8	13	60	15	10
-	301870041152	-	M8	13	70	15	10

## Hex Spacer – Male/Female

SR 2702

Nickel Plated Brass/Zinc Plated Steel/Stainless Steel

- Screw-in design



Part Number			Dimensions					Standard Pack Quantity
Nickel Plated Brass	Zinc Plated Steel	Stainless Steel	d	S	h2	h1	h	
304105040050	-	304105041556	M2	4	5	6	3	100
304108040050	-	304108041556	M2	4	8	6	4	100
304110040050	-	304110041556	M2	4	10	6	6	100
304112040050	-	-	M2	4	12	6	6	100
304115040050	-	304115041556	M2	4	15	6	6	100
304118040050	-	-	M2	4	18	6	6	100
304120040050	-	304120041556	M2	4	20	6	6	100
304125040050	-	-	M2	4	25	6	6	50
304130040050	-	-	M2	4	30	6	6	50
304205040050	-	304205041556	M2.5	5	5	6	3	100
304206040050	-	-	M2.5	5	6	6	3	100
304207040050	-	-	M2.5	5	7	6	4	100
304208040050	-	304208041556	M2.5	5	8	6	4	100
304210040050	-	304210041556	M2.5	5	10	6	6	100
304211040050	-	-	M2.5	5	11	6	6	100
304212040050	-	304212041556	M2.5	5	12	6	6	100
304215040050	-	304215041556	M2.5	5	15	6	6	100
304218040050	-	304218041556	M2.5	5	18	6	6	100
304220040050	-	304220041556	M2.5	5	20	6	6	100
304225040050	-	-	M2.5	5	25	6	6	100
304230040050	-	-	M2.5	5	30	6	6	100
304305040050	304305041152	-	M3	5	5	8	3	100
304306040050	304306041152	-	M3	5	6	8	3	100
304307040050	304307041152	-	M3	5	7	8	4	100
304308040050	304308041152	-	M3	5	8	8	4	100
304309040050	-	-	M3	5	9	8	4	100
304310040050	304310041152	-	M3	5	10	8	6	100
304311040050	-	-	M3	5	11	8	6	100
304312040050	304312041152	-	M3	5	12	8	8	100
304313040050	-	-	M3	5	13	8	8	100
304314040050	-	-	M3	5	14	8	8	100
304315040050	304315041152	-	M3	5	15	8	8	100
304316040050	-	-	M3	5	16	8	8	100
304317040050	-	-	M3	5	17	8	8	100
304318040050	304318041152	-	M3	5	18	8	8	100
304320040050	304320041152	-	M3	5	20	8	8	100
304325040050	304325041152	-	M3	5	25	10	10	100
304330040050	304330041152	-	M3	5	30	10	10	100
304335040050	304335041152	-	M3	5	35	10	10	100
304340040050	304340041152	-	M3	5	40	10	10	50
304345040050	304345041152	-	M3	5	45	10	10	50
304350040050	304350041152	-	M3	5	50	10	10	50
304355040050	-	-	M3	5	55	10	10	50
304360040050	304360041152	-	M3	5	60	10	10	50
304305240050	-	-	M3	5.5	5	6	3	100
304305140050	304305141152	304305141556	M3	5.5	5	8	3	100
304306240050	-	-	M3	5.5	6	6	3	100
304306140050	-	-	M3	5.5	6	8	3	100
304308240050	-	-	M3	5.5	8	6	4	100
304308140050	304308141152	304308141556	M3	5.5	8	8	4	100
304310240050	-	-	M3	5.5	10	6	6	100
304310140050	304310141152	304310141556	M3	5.5	10	8	6	100
304312240050	-	-	M3	5.5	12	6	6	100
304312140050	304312141152	304312141556	M3	5.5	12	8	8	100
304313140050	-	-	M3	5.5	13	8	8	100
304315240050	-	-	M3	5.5	15	6	6	100
304315140050	304315141152	304315141556	M3	5.5	15	8	8	100
304318240050	-	-	M3	5.5	18	6	6	100
304318140050	304318141152	304318141556	M3	5.5	18	8	8	100
304320240050	-	-	M3	5.5	20	6	6	100
304320140050	304320141152	304320141556	M3	5.5	20	8	8	100
304325240050	-	-	M3	5.5	25	6	6	100
304325140050	304325141152	304325141556	M3	5.5	25	10	10	100
304330240050	-	-	M3	5.5	30	6	6	100

Part Number			Dimensions					Standard Pack Quantity
Nickel Plated Brass	Zinc Plated Steel	Stainless Steel	d	S	h2	h1	h	
304330140050	304330141152	304330141556	M3	5.5	30	10	10	100
304335240050	-	-	M3	5.5	35	6	6	50
304335140050	304335141152	-	M3	5.5	35	10	10	50
304340240050	-	-	M3	5.5	40	6	6	50
304340140050	304340141152	304340141556	M3	5.5	40	10	10	50
304350240050	-	-	M3	5.5	50	6	6	50
304350140050	304350141152	304350141556	M3	5.5	50	10	10	50
304360140050	304360141152	-	M3	5.5	60	10	10	50
304408040050	304408041152	-	M4	7	8	8	4	100
304410040050	304410041152	304410041556	M4	7	10	8	6	100
304412040050	304412041152	-	M4	7	12	8	8	100
304415040050	304415041152	304415041556	M4	7	15	8	8	100
304418040050	304418041152	-	M4	7	18	8	8	100
304420040050	304420041152	304420041556	M4	7	20	8	8	100
304425040050	304425041152	304425041556	M4	7	25	10	10	50
304430040050	304430041152	304430041556	M4	7	30	10	10	50
304435040050	304435041152	-	M4	7	35	10	10	50
304440040050	304440041152	304440041556	M4	7	40	10	10	50
304445040050	304445041152	-	M4	7	45	10	10	50
304450040050	304450041152	304450041556	M4	7	50	10	10	50
-	304455041152	-	M4	7	55	10	10	50
304460040050	304460041152	-	M4	7	60	10	10	25
-	304465041152	-	M4	7	65	10	10	25
304470040050	304470041152	-	M4	7	70	10	10	25
-	304480041152	-	M4	7	80	10	10	25
304510040050	304510041152	304510041556	M5	8	10	8	6	50
304512040050	304512041152	304512041556	M5	8	12	8	8	50
304515040050	304515041152	304515041556	M5	8	15	8	8	50
304518040050	304518041152	304518041556	M5	8	18	8	8	50
304520040050	304520041152	304520041556	M5	8	20	8	8	50
304525040050	304525041152	304525041556	M5	8	25	10	10	50
304530040050	304530041152	304530041556	M5	8	30	10	10	50
304535040050	304535041152	304535041556	M5	8	35	10	10	25
304540040050	304540041152	304540041556	M5	8	40	10	10	25
304545040050	304545041152	-	M5	8	45	10	10	25
304550040050	304550041152	304550041556	M5	8	50	10	10	25
-	304555041152	-	M5	8	55	10	10	25
304560040050	304560041152	304560041556	M5	8	60	10	10	25
-	304570041152	304570041556	M5	8	70	10	10	25
-	304610341152	304610341556	M6	10	12	6	50	50
-	304612341152	304612341556	M6	10	12	8	50	50
-	304615341152	304615341556	M6	10	15	12	8	50
-	-	304618341556	M6	10	18	12	8	50
-	304618341152	-	M6	10	18	12	12	50
-	304620341152	304620341556	M6	10	20	12	12	50
-	304625341152	304625341556	M6	10	25	12	13	50
-	304630341152	304630341556	M6	10	30	12	13	25
-	304635341152	304635341556	M6	10	35	12	13	25
-	304640341152	304640341556	M6	10	40	12	13	25
-	304650341152	304650341556	M6	10	50	12	13	25
-	304660341152	304660341556	M6	10	60	12	13	25
-	304670341152	304670341556	M6	10	70	12	13	25
-	304680341152	304680341556	M6	10	80	12	13	25
-	304690341152	304690341556	M6	10	90	12	13	25
-	304815041152	-	M8	13	15	14	8	10
-	304818041152	-	M8	13	18	14	12	10
-	304820041152	-	M8	13	20	14	12	10
-	304825041152	-	M8	13	25	14	15	10
-	304830041152	-	M8	13	30	14	15	10
-	304835041152	-	M8	13	35	14	15	10
-	304840041152	-	M8	13	40	14	15	10
-	304850041152	-	M8	13	50	14	15	10
-	304860041152	-	M8	13	60	14	15	10
-	304870041152	-	M8	13	70	14	15	10

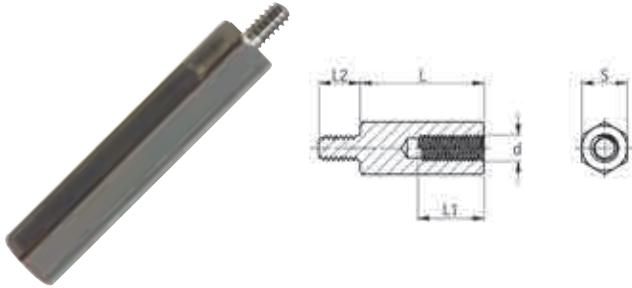
# THREADED AND NON-THREADED SPACERS

## Hex Spacer – Self Tapping Male/Female

SR 6125

Nickel Plated Hardened Steel – Brass coloured

- Excellent electrical conduction
- No closing washers or nuts necessary because of self-tapping thread
- Especially suitable for metal sheets, aluminium and plastic



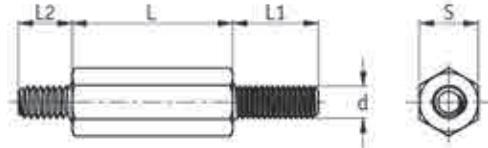
Part Number	Dimensions (mm)						Standard Pack Quantity
	d	S	L	L2	L1	Hole dia.	
315305140058	M3	6	5	5	3	2.7	100
315308140058	M3	6	8	5	4	2.7	100
315310140058	M3	6	10	5	6	2.7	100
315312140058	M3	6	12	5	8	2.7	100
315315140058	M3	6	15	5	8	2.7	100
315410041058	M4	7	10	8	6	3.6	100
315415041058	M4	7	15	8	8	3.6	100
315420041058	M4	7	20	8	8	3.6	100
315425041058	M4	7	25	10	10	3.6	50
315430041058	M4	7	30	10	10	3.6	50

## Hex Spacer – Self Tapping Male/Male

SR 6126

Zinc Plated Hardened Steel

- No closing washers or nuts necessary because of self-tapping thread
- Especially suitable for metal sheets, aluminium and plastic
- Hole diameter 2.70 mm (+0.00/-0.05)



Part Number	Dimensions (mm)						Standard Pack Quantity
	d	S	L	L1	L2		
316305140058	M3	6	5	5	8	100	
316308140058	M3	6	8	5	8	100	
316310140058	M3	6	10	5	8	100	
316312140058	M3	6	12	5	8	100	
316315140058	M3	6	15	5	8	100	

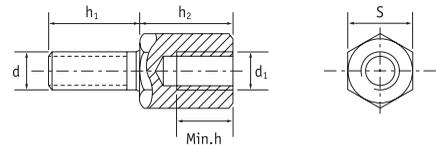


## Hex Spacer – Sub-D

SR 2703

Nickel Plated Brass/Zinc Plated Steel/Stainless Steel

- Screw-in design
- Used for attaching sub-D Connectors



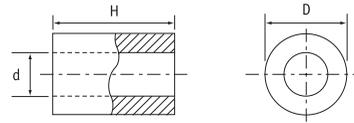
Part Number			Dimensions (mm)							Standard Pack Quantity
Nickel Plated Brass	Zinc Plated Steel	Stainless Steel	d	d1	S	h1	Min.h	h2		
308104040050	308104041152	308104041556	4 NC	4 NC	5	6	3	5	100	
308204040050	308204041152	308204041556	4 NC	4 NC	5	8	3	5	100	
308304040050	308304041152	-	4 NC	4 NC	5	12	3	5	100	
308103040050	308103041152	-	4 NC	M3	5	6	3	5	100	
308203040050	308203041152	308203041556	4 NC	M3	5	8	3	5	100	
308102040050	308102041152	308102041556	M3	4 NC	5	6	3	5	100	
308202040050	308202041152	308202041556	M3	4 NC	5	8	3	5	100	
308302040050	308302041152	-	M3	4 NC	5	12	3	5	100	
308101040050	308101041152	308101041556	M3	M3	5	6	3	5	100	
308201040050	308201041152	308201041556	M3	M3	5	8	3	5	100	
308301040050	308301041152	-	M3	M3	5	12	3	5	100	

## Round Spacer

SR 2704

Nickel Plated Brass/Stainless Steel

- A versatile universal assembly element for use in all sectors
- Allows for decorative applications, such as displays, furniture, etc.



Part Number		Dimensions (mm)			Standard Pack Quantity
Nickel Plated Brass	StainlessSteel	d	D	H	
311220240050	311220240056	2.2	4	2	250
311220340050	-	2.2	4	3	250
311220440050	-	2.2	4	4	250
311220540050	-	2.2	4	5	250
311220640050	-	2.2	4	6	250
311220740050	-	2.2	4	7	250
311220840050	-	2.2	4	8	250
311221040050	-	2.2	4	10	250
311250140050	-	2.5	5	1	250
311250240050	-	2.5	5	2	250
311250340050	-	2.5	5	3	250
311250440050	311250441556	2.5	5	4	250
311250540050	311250541556	2.5	5	5	250
311250640050	311250641556	2.5	5	6	250
311250740050	311250741556	2.5	5	7	250
311250840050	311250841556	2.5	5	8	250
311251040050	-	2.5	5	10	100
311252040050	-	2.5	5	20	100
311320140050	-	3.2	6	1	250
311320240050	-	3.2	6	2	250
311320340050	-	3.2	6	3	250
311320440050	311320441556	3.2	6	4	250
311320540050	311320541556	3.2	6	5	250
311320640050	311320641556	3.2	6	6	250
311320740050	311320741556	3.2	6	7	250
311320840050	311320841556	3.2	6	8	250
311320940050	-	3.2	6	9	100
311321040050	311321041556	3.2	6	10	100
311321240050	-	3.2	6	12	100
311321540050	-	3.2	6	15	100
311322040050	-	3.2	6	20	100
311322540050	-	3.2	6	25	50

Part Number		Dimensions (mm)			Standard Pack Quantity
Nickel Plated Brass	StainlessSteel	d	D	H	
311323040050	-	3.2	6	30	50
311430240050	-	4.3	8	2	250
311430340050	-	4.3	8	3	250
311430440050	311430441556	4.3	8	4	250
311430540050	311430541556	4.3	8	5	250
311430640050	311430641556	4.3	8	6	100
311430740050	311430741556	4.3	8	7	100
311430840050	311430841556	4.3	8	8	100
311431040050	311431041556	4.3	8	10	100
311431240050	311431241556	4.3	8	12	100
311431540050	-	4.3	8	15	100
311431840050	311431541556	4.3	8	18	100
311432040050	-	4.3	8	20	100
311432540050	-	4.3	8	25	50
311433040050	-	4.3	8	30	50
311433540050	-	4.3	8	35	50
311434040050	-	4.3	8	40	50
311530240050	-	5.3	10	2	100
311530340050	-	5.3	10	3	100
311530440050	-	5.3	10	4	100
311530540050	-	5.3	10	5	100
311530640050	-	5.3	10	6	100
311530740050	-	5.3	10	7	100
311530840050	-	5.3	10	8	100
311531040050	-	5.3	10	10	100
311531240050	-	5.3	10	12	100
311531540050	-	5.3	10	15	100
311531840050	-	5.3	10	18	100
311532040050	-	5.3	10	20	100
311532540050	-	5.3	10	25	50
311533040050	-	5.3	10	30	50
311534040050	-	5.3	10	40	25

## Standing Capacity Holder

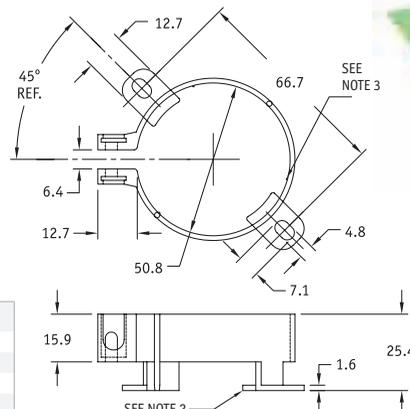
SR 2803

SCH/SCHS

Black, Glass-filled Nylon, RMS-18

- Optional
- Note 1: Clamping hardware; Screw (S6B) Stainless Steel, RMS-357 ZincPlating, RMS-358; Quick Nut (QN-6) Spring Steel C1050, RMS-327 Coating:Black Phosphate, RMS-356
- Note 2: Spacer to elevate capacitor 2.4 from chassis
- Note 3: Anti-rotation rib (three locations)

Part Number	Description	Standard Pack Quantity
SCHS-2	w/spacer. w/o hardware (Note 1)	100
SCH-2	w/o spacer. w/o hardware	100
SCHS-2-H	w/spacer. w/clamping hardware	100
SCH-2-H	w/o spacer. w/clamping hardware	100



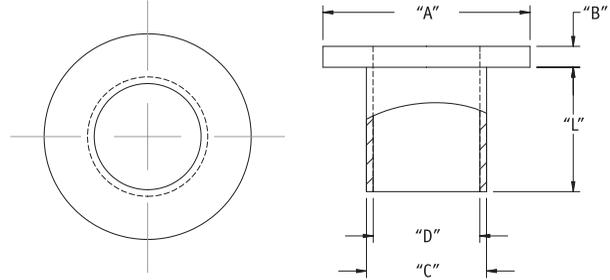
# THREADED AND NON-THREADED SPACERS

## Screw Insulator

SR 2804

MNI

Nylon 6/6



Part Number	Screw Size	Dimensions (mm)					Material	Standard Pack Quantity
		"L"	"A"	"B"	"C"	"D"		
MNI-2-2	M2	0.8	4.6	1.2	3	2.3	RMS-01	1000
MNI-2-4	M2	1.6	4.6	1.2	3	2.3	RMS-01	1000
MNI-2-6	M2	2.4	4.6	1.2	3	2.3	RMS-01	1000
MNI-4-2	M2.5	0.8	6	1.2	3.7	2.9	RMS-01	1000
MNI-4-3	M2.5	1.2	6	1.2	3.7	2.9	RMS-01	1000
MNI-M2.5-1.3	M2.5	1.3	6.3	1.2	3.5	2.9	RMS-01	1000
MNI-4-4	M2.5	1.6	6	1.2	3.7	2.9	RMS-01	1000
MNI-4-5	M2.5	2.1	6.4	1.2	3.6	2.9	RMS-01	1000
MNI-4-6	M2.5	2.4	6	1.2	3.7	2.9	RMS-01	1000
MNI-4-8	M2.5	3.2	6	1.2	3.7	2.9	RMS-01	1000
MNI-M2.5-3.6	M2.5	3.6	7.1	1.5	3.8	2.8	RMS-01	1000
MNI-4-10	M2.5	4	6	1.2	3.7	2.9	RMS-01	1000
MNI-4-12	M2.5	4.7	6	1.2	3.7	2.9	RMS-01	1000
MNI-4-16	M2.5	6.4	6	1.2	3.7	2.9	RMS-01	1000
MNI-4-24	M2.5	9.5	6	1.2	3.7	2.9	RMS-01	1000
MNI-M3-1.0	M3	1	7.1	1	3.8	3.1	RMS-48	1000
MNI-5-3	M3	1.3	9.4	1.2	6	3.3	RMS-48	1000
MNI-M3-1.3	M3	1.3	8.8	1.2	6	3.2	RMS-01	1000
MNI-M3-2.5	M3	2.5	7.1	1	3.8	3.1	RMS-48	1000
MNI-M3-3.5	M3	3.5	7.1	1	3.8	3.1	RMS-01	1000
MNI-6-2	M3.5	0.8	7.4	1.2	4.3	3.6	RMS-01	1000
MNI-6-4	M3.5	1.6	7.4	1.2	4.3	3.6	RMS-01	1000
MNI-6-6	M3.5	2.4	7.4	1.2	4.3	3.6	RMS-01	1000
MNI-6-8	M3.5	3.2	7.4	1.2	4.3	3.6	RMS-01	1000
MNI-6-12	M3.5	4.7	7.4	1.2	4.3	3.6	RMS-01	1000
MNI-6-16	M3.5	6.4	7.4	1.2	4.3	3.6	RMS-01	1000
MNI-6-24	M3.5	9.5	7.4	1.2	4.3	3.6	RMS-01	1000

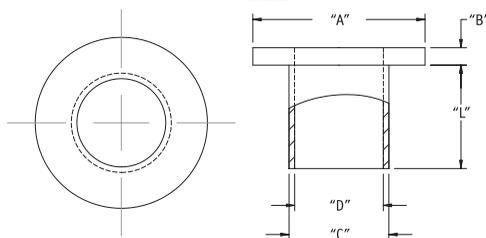
Part Number	Screw Size	Dimensions (mm)					Material	Standard Pack Quantity
		"L"	"A"	"B"	"C"	"D"		
MNI-6-32	M3.5	12.7	7.4	1.2	4.3	3.6	RMS-48	1000
MNI-8-2	M4	0.8	8.7	1.6	5.2	4.4	RMS-01	1000
MNI-8-4	M4	1.6	8.7	1.6	5.2	4.4	RMS-01	1000
MNI-8-6	M4	2.4	8.7	1.6	5.2	4.4	RMS-01	1000
MNI-8-8	M4	3.2	8.7	1.6	5.2	4.4	RMS-01	1000
MNI-8-12	M4	4.7	8.7	1.6	5.2	4.4	RMS-01	1000
MNI-8-16	M4	6.4	8.7	1.6	5.2	4.4	RMS-01	1000
MNI-8-24	M4	9.5	8.7	1.6	5.2	4.4	RMS-48	1000
MNI-8-32	M4	12.7	8.7	1.6	5.2	4.4	RMS-01	1000
MNI-10-2	M5	0.8	10.1	1.6	6.6	5.1	RMS-01	1000
MNI-10-4	M5	1.6	10.1	1.6	6.6	5.1	RMS-01	1000
MNI-10-6	M5	2.4	10.1	1.6	6.6	5.1	RMS-01	1000
MNI-10-8	M5	3.2	10.1	1.6	6.6	5.1	RMS-01	1000
MNI-10-12	M5	4.7	10.1	1.6	6.6	5.1	RMS-01	1000
MNI-10-16	M5	6.4	10.1	1.6	6.6	5.1	RMS-01	1000
MNI-10-24	M5	9.5	10.1	1.6	6.6	5.1	RMS-01	1000
MNI-10-32	M5	12.7	10.1	1.6	6.6	5.1	RMS-48	1000
MNI1/4-2	M6	0.8	13	1.7	7.9	6.6	RMS-01	1000
MNI1/4-4	M6	1.6	13	1.7	7.9	6.6	RMS-01	1000
MNI1/4-6	M6	2.4	13	1.7	7.9	6.6	RMS-01	1000
MNI1/4-12	M6	4.7	13	1.7	7.9	6.6	RMS-01	1000
MNI1/4-16	M6	6.4	13	1.7	7.9	6.6	RMS-01	1000
MNI1/4-24	M6	9.5	13	1.7	7.9	6.6	RMS-01	1000
MNI1/4-32	M6	12.7	13	1.7	7.9	6.6	RMS-01	1000
MNI5/16-6	M8	2.4	15.7	1.6	9.1	8.1	RMS-01	1000
MNI5/16-12	M8	4.7	15.7	1.6	9.1	8.1	RMS-01	1000
MNI5/16-16	M8	6.4	15.7	1.6	9.1	8.1	RMS-01	1000

## Screw Insulator High Temperature

SR 2805

MNI-HT

Black



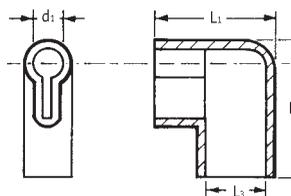
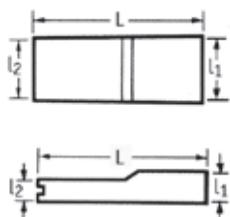
Part Number	Screw Size	Dimensions (mm)					Material	Standard Pack Quantity
		"L"	"A"	"B"	"C"	"D"		
MNI-HT-M2-1	M2	1.1	8	1	4.8	2.6	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M2-2	M2	1.3	6	1	3.5	2.6	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M2-3	M2	1.6	8	2.6	4.5	2.6	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M2-4	M2	4	7	2	3.5	2.6	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M2.5-1	M2.5	0.6	5.9	2	3.5	3	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M2.5-2	M2.5	1.2	5.9	1.3	3.5	3	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M2.5-3	M2.5	1.5	8	3	3.6	3	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M2.5-4	M2.5	2.5	5.5	1	3.5	3	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-4-2	M3	0.8	7.1	1.2	3.7	3	40% Glass Filled Polyphenylene Sulfide, RMS-50	1000
MNI-HT-4-220*	M3	0.8	5.5	1	3.4	2.9	40% Glass Filled Polyphenylene Sulfide, RMS-50	1000
MNI-HT-M3-1	M3	2	9	2	6.3	3.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M3-2	M3	2.2	7	0.8	5.1	3.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M3-3	M3	7.4	7	0.8	4.9	3.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M4-2	M4	3.2	8	0.8	6	4.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M4-4	M4	8	15.7	5	9.7	4.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-10-6	M4.5	2.4	10.1	1.6	6.6	5.1	40% Glass Filled Polyphenylene Sulfide, RMS-50	1000
MNI-HT-M6-1	M6	1.3	13	0.6	9.6	6.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M6-2	M6	3.5	25	4.5	13	6.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M6-3	M6	6	25	4.5	13	6.5	Nylon 6, 25% Glass Filled, RMS-173	1000
MNI-HT-M6-4	M6	8.5	25	4.5	13	6.5	Nylon 6, 25% Glass Filled, RMS-173	1000

## Terminal Sleeves – Post-Fit

SR 1771

PVC

- Protect wiring terminal
- Widely used in automotive and electrical industries



### Post-Fit Straight Type, Clear PVC

Part Number	Terminal Size (mm)	Dimensions (mm)			Standard Pack Quantity
		l1	L	l2	
10077	6.3	7.8 x 3.2	26.5	6.0 x 1.5	10000

### Post-Fit Right-Angled Type, Clear PVC

- This design can be fitted after the terminal is crimped to the wire

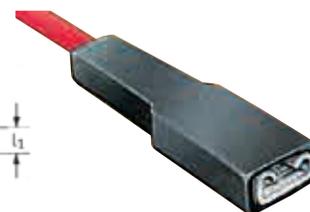
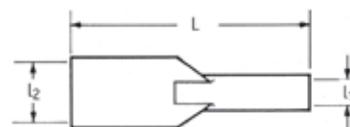
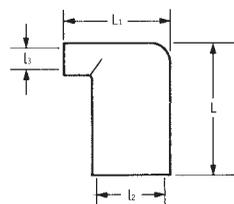
Part Number	Terminal Size (mm)	Dimensions (mm)				Standard Pack Quantity
		d1	L1	L3	L2	
10100	4.8	4.0	15.0	6.0 x 3.0	15.0	20000
10145	6.3	4.0	16.8	8.5 x 4.0	18.5	10000

## Terminal Sleeves – Standard

SR 1771

PVC

- Protect wiring terminal



### Standard Right-Angled Type, Clear PVC

Part Number	Terminal Size (mm)	Dimensions (mm)				Standard Pack Quantity
		l3	L	l2	l1	
10262	4.8	4.6 x 2.8	4.6 x 2.8	12.3	6.2 x 2.1	20000
10622	6.3	3.0	16.0	8.3 x 3.1	14.4	20000
10623	6.3	4.5	17.0	8.8 x 3.0	14.3	20000

### Standard Straight Type, Clear PVC

Part Number	Terminal Size (mm)	Dimensions (mm)			Standard Pack Quantity
		l1	L	l2	
11603	2.8	2.5	19.5	3.7 x 2.5	20000
10973	9.5	3.3	32.9	11.0 x 3.2	10000
10631	9.5	4.8	33.4	10.3 x 4.0	5000
10490	4.8	2.8	25.4	7.4 x 2.0	20000
11049	4.8	3.0	19.5	4.8 x 1.7	20000
10789	6.3	4.0 x 2.5	26.4	7.7 x 2.3	20000
50760	6.3	4.3 x 2.0	26.0	7.5 x 2.0	20000
10626	6.3	5.7 x 2.3	27.0	7.6 x 2.3	10000

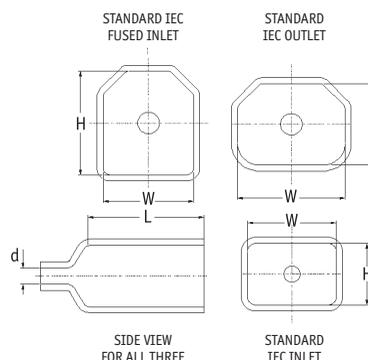
## IEC Standard Terminal Insulation Sleeves

SR 1773

Black Flexible PVC

- Protect and insulate rear connection receptacles of IEC standard inlets and outlets
- Flash tested to 3K Volts AC (EN 60950)

Part Number	Description	Dimensions (mm)				Standard Pack Quantity
		H	W	L	d	
TSWXA-01	Fushed Inlet	31.5	26.5	45.0	6.4	400
TSWXA-03	Standard Inlet	18.2	26.1	33.0	4.8	400



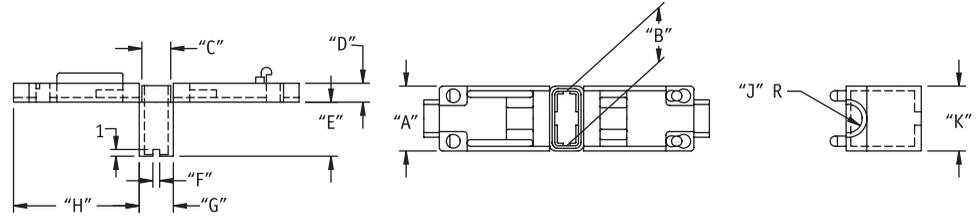
## One Touch Sleeve Insulator

SR 2806

OS

Natural, Nylon 6, RMS-120

UL #E55167

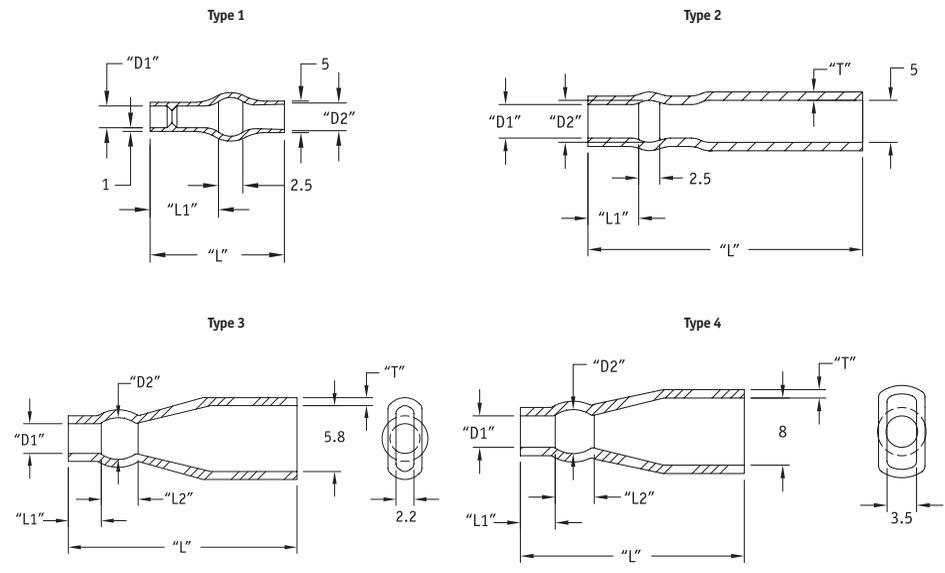


Part Number	Terminal Type	Dimensions (mm)											Standard Pack Quantity
		Wire Ø	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"	"K"	
OS-187	Straight Type 187 Series	3.6	8.8	6.1	2.7	2.6	6.8	1	3.9	15.1	1.8	7.5	500
OS-250	Straight Type 250 Series	3.8	9.8	7.9	3.4	2.8	8	1	4.7	18.5	2.05	9.1	500

## Quick Fit Insulator

SR 2807

Blue, Soft PVC, RMS-55



Part Number	Wire O.D. Range	Wire Gauge	Dimensions (mm)							Type	Standard Pack Quantity
			"D1"	"D2"	"L1"	"L2"	"L"	"T"			
224225	1.47-2.31	22-18	2.5	4.1	6.1	-	13	-	1	1000	
224230	1.73-2.87	20-18	3	4.1	6.1	-	13	-	1	1000	
215025	1.47-2.31	22-18	2.5	4.1	6.1	-	33	1	2	1000	
215032	1.8-3.2	18-16	3.3	4.6	7.1	-	34	1	2	1000	
235830	1.5-2.3	20-18	3	4	5	2.5	23	0.8	3	1000	
235835	1.8-3.6	18-14	3.5	4.5	5	3	23	0.8	3	1000	
238032	1.8-3.2	18-16	3.3	4.8	5.1	2.5	24.1	1	4	1000	
238035	1.8-3.6	18-14	3.6	4.6	5.1	3	24.1	1	4	1000	
238040	2.3-3.6	16-14	4.1	5.1	5.1	3	24.6	1	4	1000	
238048	2.9-4.8	14-12	4.8	6.3	5.1	2.5	24.9	1	4	1000	

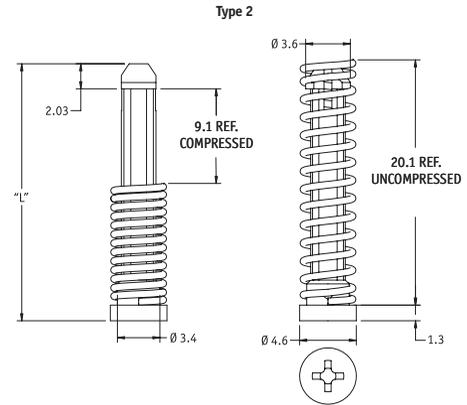
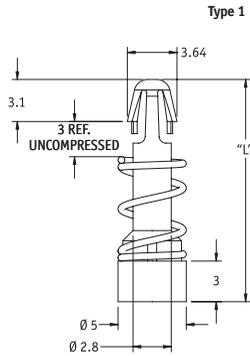
## Heat Sink Spring Mount Rivet

SR 2808

HSR

Rivet Material: Natural Nylon 6/6, RMS-47

Spring Material: Steel, RMS-326 Chrome Plated RMS-355



Part Number	Type	"L"	Heat Sink Hole	Chassis Hole	Standard Pack Quantity
HSR-1	1	16.4	3.18	3	1000
HSR-2	2	20.9	3.05	3.1	1000

## Ceramic Beads

SR 2809

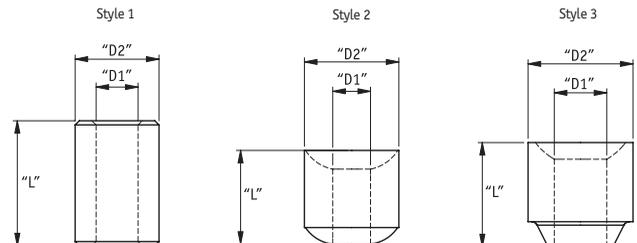
CER

Natural Steatite C220 Ceramic, RMS-170

- Max. operating temperature: 1000°C
- Parts are stackable as seen in application photo



Part Number	Dimensions (mm)			Style	Standard Pack Quantity
	"D1"	"D2"	"L"		
CER-1	2	4	6	1	1000
CER-2	1.6	4.5	8	1	1000
CER-3	1.6	4.5	10	1	1000
CER-4	1	3	3	2	1000
CER-5	1.8	4.5	4.5	2	1000
CER-6	1	3	5	2	1000
CER-7	2.5	5	5	3	1000



## Vertical Mount Card Guides

### VMCGN

Card Guide: Blue UL94 V0 Polystyrene, RMS-117

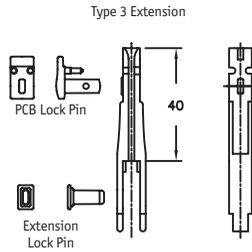
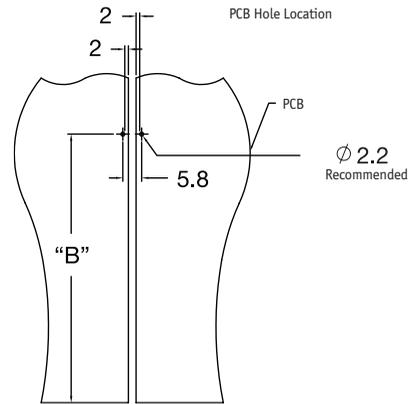
Locking Mechanism: White Acetal, RMS-39

Screw: Mild Steel, Zinc Plated, RMS-415

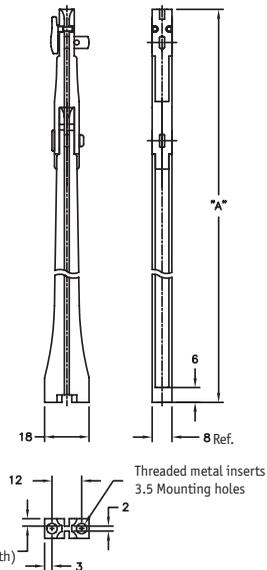
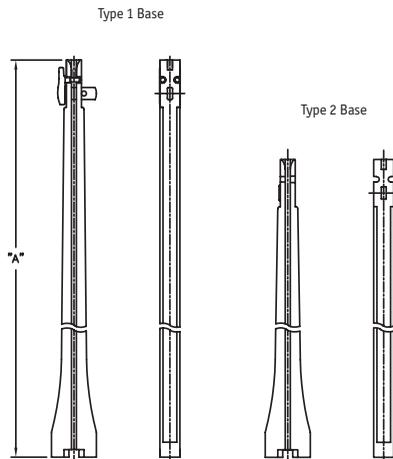
Threaded Insert: Brass, RMS-231



Patented



Type 2 + Type 3 Assembly



Part Number	Type	Dimensions (mm)		Threaded Insert	Accepts PCB Thickness	Standard Pack Quantity
		"A"	"B"			
VMCGN65-M3-L-K*	1	65	57	M3	2	100
VMCGN65-440-L	1	65	57	4/40	2	100
VMCGN120-440-L	1	120	112	M3	2	100
VMCGN120-M3-L-K*	1	120	112	4/40	2	100
VMCGN160-440-L	2 + 3	160	152	M3	2	100
VMCGN160-M3-L-K*	2 + 3	160	152	4/40	2	100
VMCGN105-M3-L-K*	2 + 3	105	97	M3	2	100

\*M3 x 8mm threaded screw, washer and lock washer hardware included

# Vertical Mount Card Guides

## VMCG

Card Guide: Grey GF Nylon 6, RMS-38

Locking Mechanism: Black HDPE, RMS-284,

Metal Pin: Stainless Steel, RMS-228

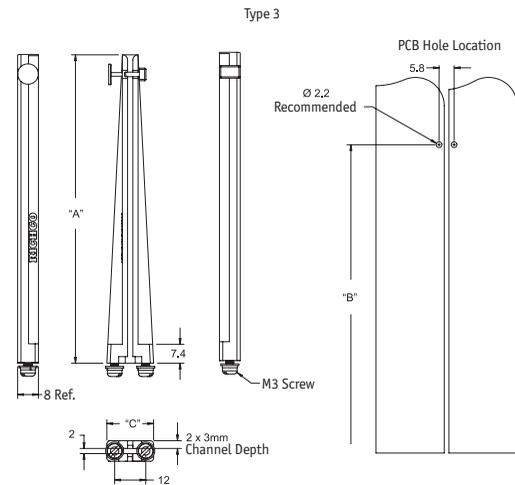
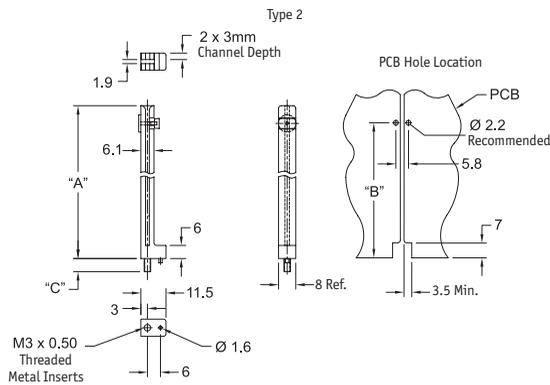
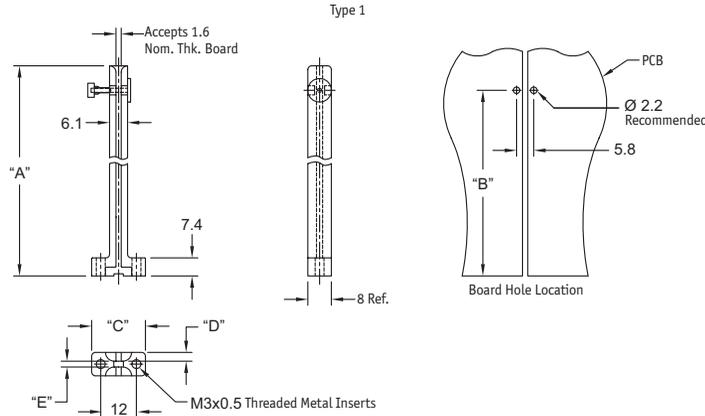
Screw: Mild Steel, Zinc Plated, RMS-415

Threaded Insert: Brass, RMS-231

- Includes mounting hardware: screw, washer and lockwasher



Patented



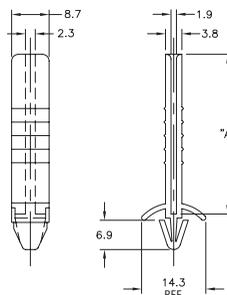
Part Number	Type	Dimensions (mm)					Accepts PCB Thickness	Mounting Hole Panel Thickness	Standard Pack Quantity
		"A"	"B"	"C"	"D"	"E"			
VMCG-50-MPBK-K	1	46.5	42.3	-	2.6	2.7	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-65-MPBK-K	1	65	56.5	-	3	2	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-90-MPBK-K	1	90	81.5	-	3	2	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-135-MPBK-K	1	135	126.5	-	3	2	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-160-MPBK-K	1	160	112.5	-	3	2	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-330-MPBK-K	1	120	112.5	-	3	2	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-100-MPBK-K	2	100	92	8.9	-	-	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-70-MPBK-K	2	70.1	62.5	5.6	-	-	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-320-MPBK-K	3	120	112.5	18	-	-	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100
VMCG-360-MPBK-K	3	160	112.5	19	-	-	1.6	Up to 3.18mm supplied with M3 x 8mm Screw	100

# MOUNTING

## Circuit Board Guide

CBG

Natural Nylon 6/6,RMS-01



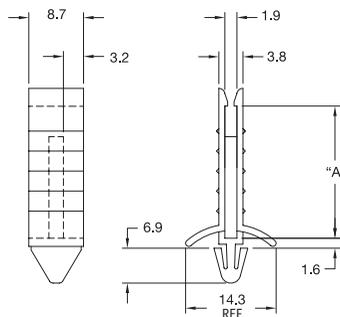
Mounts Into Hole: Snap-lock into rectangular hole  $4.4 \pm 0.08 \times 7.9 \pm 0.08$

Part Number	Dimensions (mm)			Standard Pack Quantity
	"A"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
CBG-1-01	25.4	1.6	0.8-1.8	100
CBG-1.5-01	38.1	1.6	0.8-1.8	100
CBG-2-01	50.8	1.6	0.8-1.8	100
CBG-3-01	76.2	1.6	0.8-1.8	100

## Locking Circuit Board Guide

LCBG

Natural Nylon 6/6,RMS-01



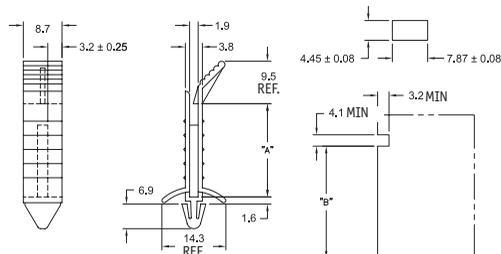
Mounts Into Hole: Snap-lock into rectangular hole  $4.45 \pm 0.08 \times 7.87 \pm 0.08$

Part Number	Dimensions (mm)			Standard Pack Quantity
	"A"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
LCBG-1-01	22.4	1.6	0.8-1.8	100
LCBG-1.5-01	34.9	1.6	0.8-1.8	100
LCBG-2-01	47.5	1.6	0.8-1.8	100
LCBG-3-01	73	1.6	0.8-1.8	100

## Locking Circuit Board Guide

LCBG-T

Natural Nylon 6/6,RMS-01



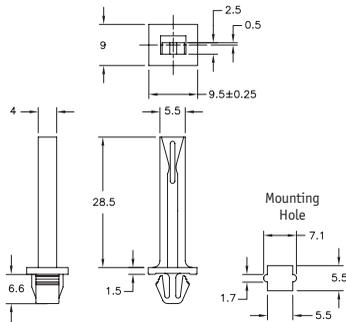
Mounts Into Hole: Snap-Lock into rectangular hole  $4.45 \pm 0.08 \times 7.87 \pm 0.08$  panel thickness 0.78 to 1.78

Part Number	Dimensions (mm)			Standard Pack Quantity
	"A"	"B"	Accepts PCB Thickness	
LCBG-1T-01	22.4	22	1.6	100
LCBG-1.5T-01	34.9	34.5	1.6	100
LCBG-2T-01	47.5	47.1	1.6	100
LCBG-3T-01	73	72.6	1.6	100

## Vertical Mount Guide

VMCGE

Natural Nylon 6/6, RMS-01



Bottom Hole: Snap-lock: into dimensions above, ± 0.08

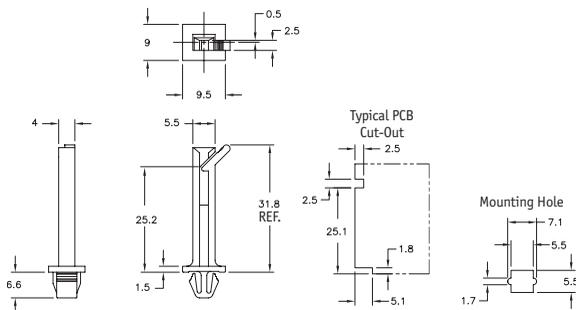


Part Number	Dimensions (mm)		Standard Pack Quantity
	Accepts PCB Thickness	Mounting Hole Panel Thickness	
VMCGE-30M-01	1.6	1.2-1.8	1000

## Vertical Mount Guide Latched

VMCGLE

Natural Nylon 6/6, RMS-01



Bottom Hole: Snap-lock: into dimensions above, ±0.08

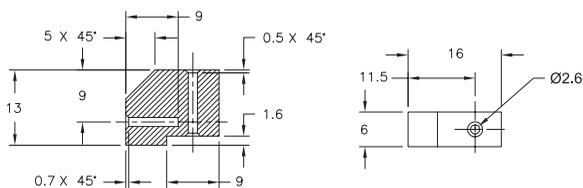


Part Number	Material	Dimensions (mm)		Standard Pack Quantity
		Accepts PCB Thickness	Mounting Hole Panel Thickness	
VMCGLE-31M-01	Nylon 6/6, RMS-01	1.6	1.2-1.8	1000
VMCGLE-31M-19	Flame Retardant Nylon 6/6, RMS-19	1.6	1.2-1.8	1000

## Printed Circuit Board Mounting Block

PCB-MB

Natural Nylon 6/6, RMS-01



Mounting Holes: Ø 2.6, accepts a self-tapping screw



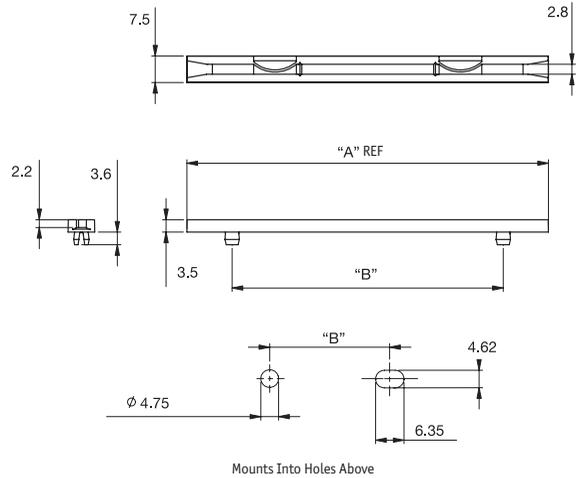
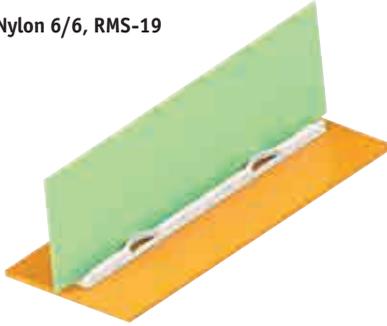
Part Number	Material	Standard Pack Quantity
PCB-MB-01	Nylon 6/6, RMS-01	1000
PCB-MB-19	UL94 V0 Nylon 6/6 RMS-19	1000

# CARD GUIDES AND PULLERS

## Multi Panel Card Guide

MPCG

Natural UL94 V0 Nylon 6/6, RMS-19

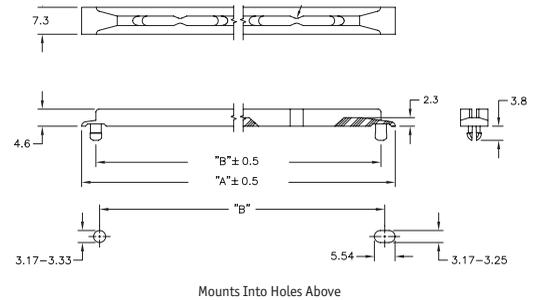


Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
MPCG-250	63.5	38.1	0.8-2	0.5-2	500
MPCG-300	76.2	50.8	0.8-2	0.5-2	500
MPCG-400	101.6	76.2	0.8-2	0.5-2	500
MPCG-550	139.7	114.4	0.8-2	0.5-2	500

## Tension Card Guide

TCG

Black UL94 V0 Polycarbonate, RMS-23

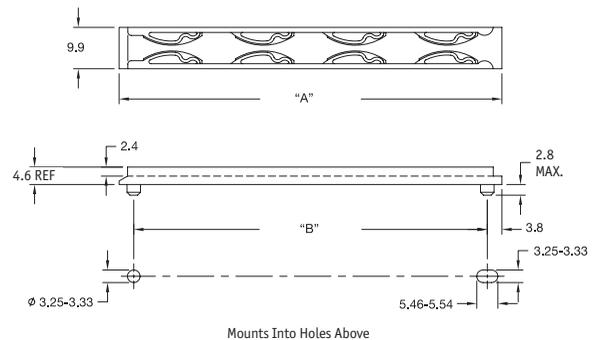


Part Number	Dimensions (mm)				Number of Grips	Standard Pack Quantity
	"A"	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness		
TCG1-2.500-23	63.5	55.9	1.6	1.6	1	500
TCG1-3.300-23	83.8	76.2	1.6	1.6	2	500
TCG1-3.925-23	99.7	92.1	1.6	1.6	2	500
TCG1-6.675-23	169.5	161.9	1.6	1.6	4	500

## Tension Rack Card Guide

TRCG

Black UL94 V0 Polycarbonate, RMS-23



Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
TRCG-2.500	63.5	55.9	1.3 - 2.2	1.5 - 1.8	500
TRCG-3.300	83.8	76.2	1.3 - 2.2	1.5 - 1.8	500
TRCG-3.925	99.7	92.1	1.3 - 2.2	1.5 - 1.8	500
TRCG-6.675	169.6	161.9	1.3 - 2.2	1.5 - 1.8	500

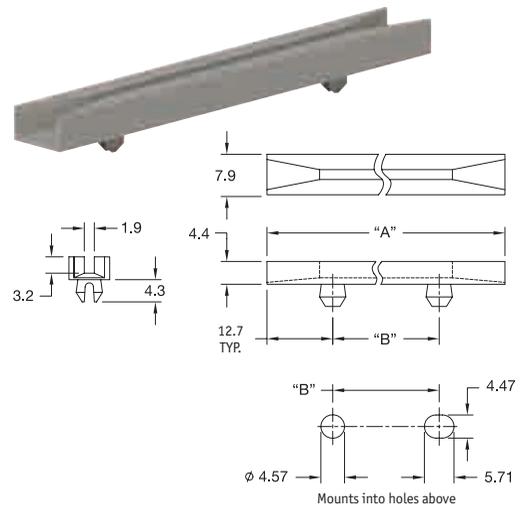
## Snap-In Card Guide

### RSDC

#### Natural UL94 V2 Nylon 6/6, RMS-48

- Tapered on both ends to ease insertion of a PCB board
- Tension guides support PCB boards horizontally into tight spaces like a PCB rack

Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
RSDC-250	63.5	38.1	1.6	1.2 - 2.3	500
RSDC-300	76.2	50.8	1.6	1.2 - 2.3	500
RSDC-350	88.9	63.5	1.6	1.2 - 2.3	500
RSDC-400	101.6	76.2	1.6	1.2 - 2.3	500
RSDC-450	114.3	88.9	1.6	1.2 - 2.3	500
RSDC-500	127.0	101.6	1.6	1.2 - 2.3	500
RSDC-550	139.7	114.3	1.6	1.2 - 2.3	500
RSDC-600	152.4	127.0	1.6	1.2 - 2.3	500
RSDC-650	164.1	139.7	1.6	1.2 - 2.3	500
RSDC-700	177.8	152.4	1.6	1.2 - 2.3	500
RSDC-750	190.5	165.1	1.6	1.2 - 2.3	500
RSDC-800	203.2	177.8	1.6	1.2 - 2.3	500



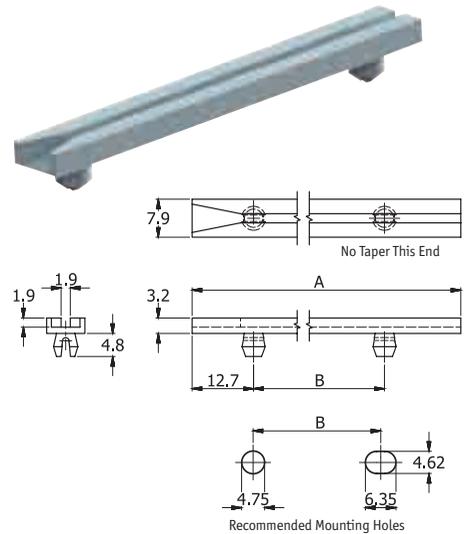
## Snap-In Card Guide

### RSFS

#### Natural UL94 V2 Nylon 6/6, RMS-48

- Tapered at one end to ease insertion of a PCB board whilst providing a tidy finished appearance
- Tension guides support PCB boards horizontally into tight spaces like a PCB rack

Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
RSFS-250	63.5	38.1	1.6	1.2 - 2.3	500
RSFS-300	76.2	50.8	1.6	1.2 - 2.3	500
RSFS-350	88.9	63.5	1.6	1.2 - 2.3	500
RSFS-400	101.6	76.2	1.6	1.2 - 2.3	500
RSFS-450	114.3	76.2	1.6	1.2 - 2.3	500
RSFS-451	114.3	88.9	1.6	1.2 - 2.3	500
RSFS-500	127.0	101.6	1.6	1.2 - 2.3	500
RSFS-550	139.7	114.3	1.6	1.2 - 2.3	500
RSFS-600	152.4	127.0	1.6	1.2 - 2.3	500
RSFS-700	177.8	152.4	1.6	1.2 - 2.3	500
RSFS-800	203.2	177.8	1.6	1.2 - 2.3	500



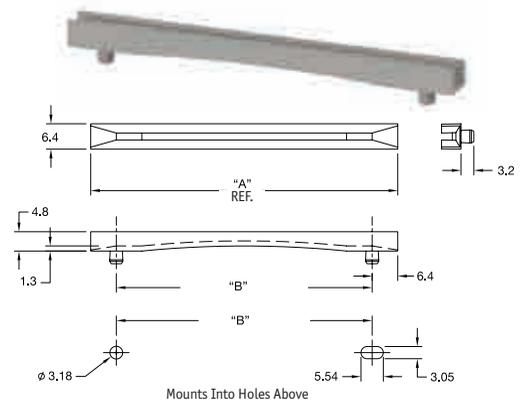
## Rack Card Guide

### RCG

#### Natural UL94 V2 Nylon 6/6, RMS-01

- Tapered on both ends to ease insertion of a PCB board
- Tension guides support PCB boards horizontally into tight spaces like a PCB rack

Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
RCG-1	76.2	63.5	1.6	1.6	500
RCG-2	101.6	88.9	1.6	1.6	500
RCG-3	152.4	139.7	1.6	1.6	500
RCG-4	215.9	203.2	1.6	1.6	500

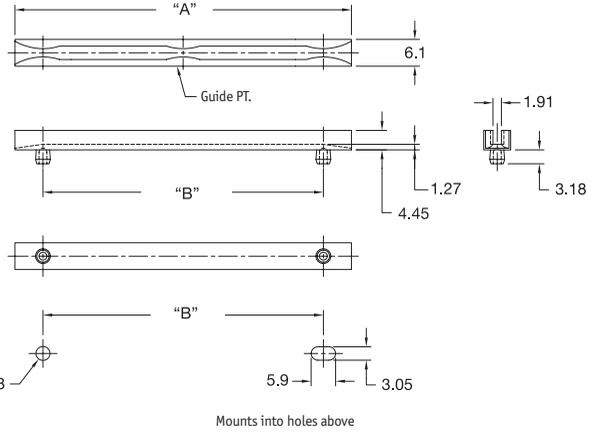


# CARD GUIDES AND PULLERS

## Rack Card Guide Type H

RCGH

Natural UL94 V2 Nylon 6/6, RMS-01

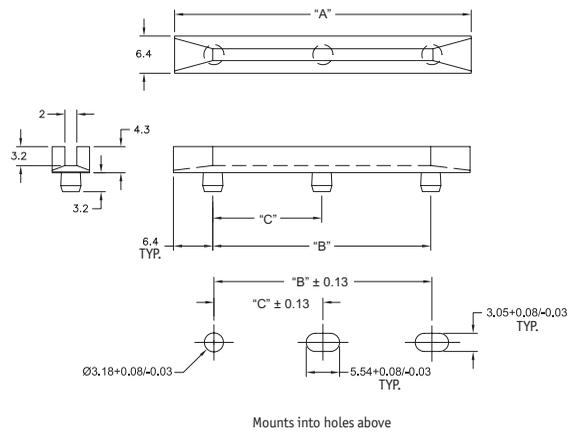


Part Number	Dimensions (mm)				Standard Pack Quantity
	"A" Ref.	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
RCGH-25	63.5	50.8	2	1.6	500
RCGH-30	76.2	63.5	3	1.6	500
RCGH-35	88.9	76.2	3	1.6	500
RCGH-40	101.6	88.9	4	1.6	500
RCGH-45	114.3	101.6	4	1.6	500
RCGH-50	127	114.3	4	1.6	500
RCGH-55	139.7	127	5	1.6	500
RCGH-60	152.4	139.7	5	1.6	500

## Narrow Card Guide

RN

Natural UL94 V2 Nylon 6/6, RMS-48

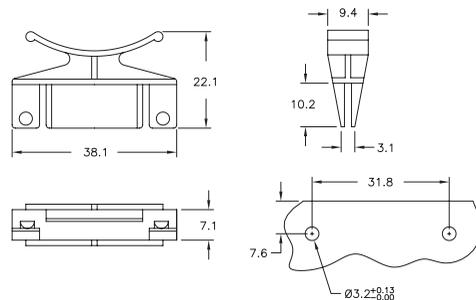


Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B" Ref.	"C"	Accepts PCB Thickness	
RN-250-2	63.5	50.8	-	1.6	500
RN-300-2	76.2	63.5	-	1.6	500
RN-350-2	88.9	76.2	-	1.6	500
RN-400-2	101.6	88.9	-	1.6	500
RN-450-2	114.3	101.6	-	1.6	500
RN-500-2	127	114.3	-	1.6	500
RN-550-2	139.7	127	-	1.6	500
RN-600-2	152.4	139.7	-	1.6	500
RN-650-2	164.1	152.4	-	1.6	500
RN-700-3	177.8	164.1	82.2	1.6	500
RN-750-3	190.5	177.8	88.5	1.6	500
RN-800-3	203.2	190.5	94.9	1.6	500
RN-850-3	215.9	203.2	101.6	1.6	500

## Circuit Board Puller

CCP

Natural Nylon 6/6, RMS-01



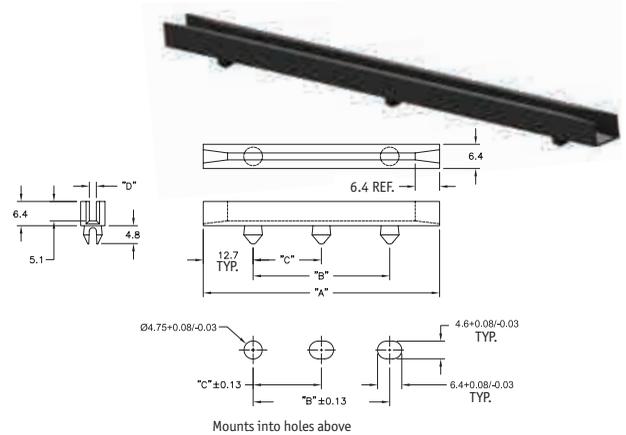
Part Number	Accepts PCB Thickness (mm)	Standard Pack Quantity
CCP-1-01	1.6	500

## Deep Channel Card Guide

RDC

Black UL94-V0 Nylon

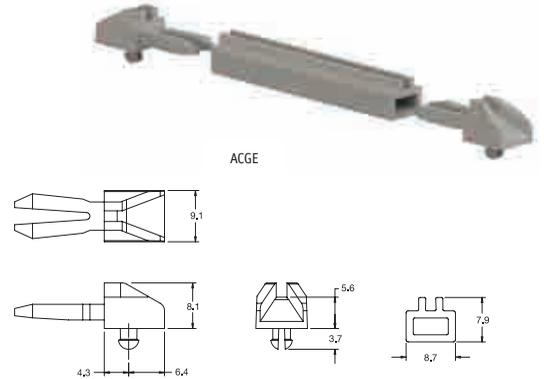
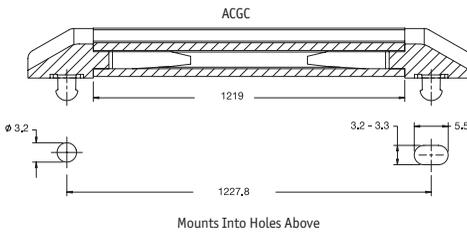
Part Number	Dimensions (mm)						Standard Pack Quantity
	"A" Ref	"B"	"C"	"D"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
RDC-250	63.5	38.1	-	2.0	1.6	1.2 - 2.3	500
RDC-450	114.3	88.9	-	2.0	1.6	1.2 - 2.3	500
RDC-600	152.4	127.0	-	2.0	1.6	1.2 - 2.3	500
RDC-800	203.2	177.8	88.9	2.0	1.6	1.2 - 2.3	500
RDC-450-102	114.3	88.9	-	2.6	2.4	1.2 - 2.3	500
RDC-600-102	152.4	127.0	-	2.6	2.4	1.2 - 2.3	500
RDC-800-102	203.2	177.8	88.9	2.6	2.4	1.2 - 2.3	500
RDC-450-130	114.3	88.9	-	3.4	3.2	1.2 - 2.3	500
RDC-600-130	152.4	127.0	-	3.4	3.2	1.2 - 2.3	500
RDC-800-130	203.2	177.8	88.9	3.4	3.2	1.2 - 2.3	500



## Adjustable Card Guide

ACGC/ACGE

Natural PVC UL94/V0 RMS-04



Part Number	Description	Material	Dimensions (mm)		Standard Pack Quantity
			Accepts PCB Thickness	Mounting Hole Panel Thickness	
ACGC-01	End Pieces	UL94 V2 Nylon 6/6. RMS-01	1.6	1.6	100
ACGC-4800	Channel	UL94 V0 PVC. RMS-04	1.6	1.6	25 lengths of 1.2 metre

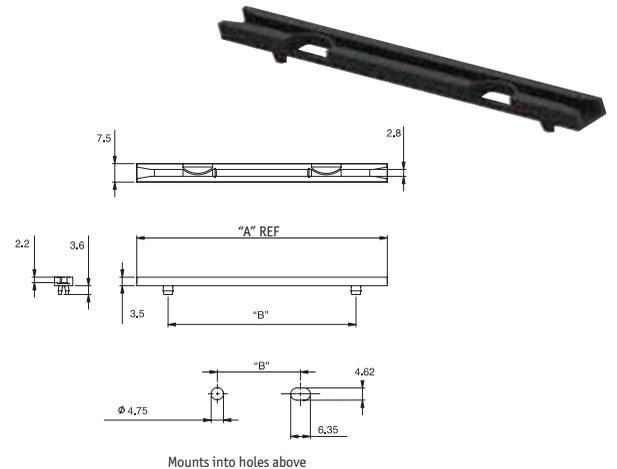
## Electrostatic Card Guide

MPCGCN

Black Conductive Compound, Nylon 6, RMS-392

- Moulded from conductive compound material
- Surface Resistivity:  $10^3 \Omega/\text{sq}$
- Prevents static build up

Part Number	Dimensions (mm)				Standard Pack Quantity
	"A" Ref.	"B"	Accepts PCB Thickness	Mounting Hole Panel Thickness	
MPCGCN-250	63.5	38.1	0.8-2	0.5-2	500
MPCGCN-300	76.2	50.8	0.8-2	0.5-2	500
MPCGCN-400	101.6	76.2	0.8-2	0.5-2	500
MPCGCN-550	139.7	114.4	0.8-2	0.5-2	500

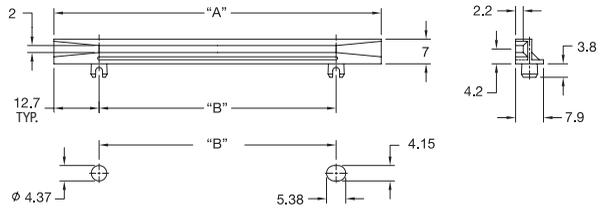


# CARD GUIDES AND PULLERS

## Single Sided Horizontal Card Guide

RSSHG

Black UL94 V0 Nylon 6/6, RMS-66



Mounts into holes above

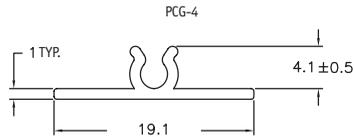
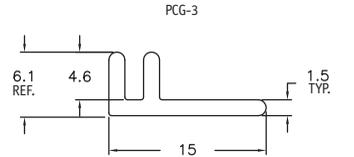
Part Number	Dimensions (mm)			Standard Pack Quantity	
	"A"	"B"	Accepts PCB Thickness		
RSSHG-201-165	50.8	25.4	1.6	1.2 - 2.3	500
RSSHG-251-165	63.5	38.1	1.6	1.2 - 2.3	500
RSSHG-301-165	76.2	50.8	1.6	1.2 - 2.3	500
RSSHG-351-165	88.9	63.5	1.6	1.2 - 2.3	500
RSSHG-401-165	101.6	76.2	1.6	1.2 - 2.3	500
RSSHG-451-165	114.3	88.9	1.6	1.2 - 2.3	500
RSSHG-501-165	127.0	101.6	1.6	1.2 - 2.3	500
RSSHG-601-165	152.4	127	1.6	1.2 - 2.3	500

## Printed Circuit Guide

PCG

Grey Rigid PVC, RMS-193

Standard Pack: Approx 30m; 25 pieces x 1.2 metre



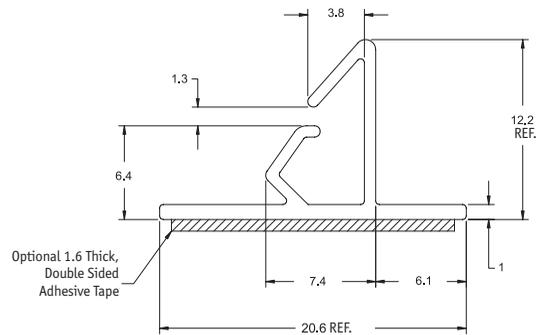
Part Number	Adhesive	Accepts PCB Thickness (mm)	Standard Pack Quantity
PCG-3-48	-	1.6	25
PCG-3A4-48	RMS-93	1.6	25
PCG-4A4-48	RMS-93	1.6	25

## Board Mounting Strip

BMS

Black UL94 V0 PVC, RMS-488

Standard Pack: Approx 30m; 25 pieces x 1.2 metre

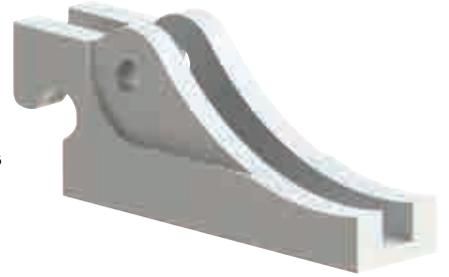
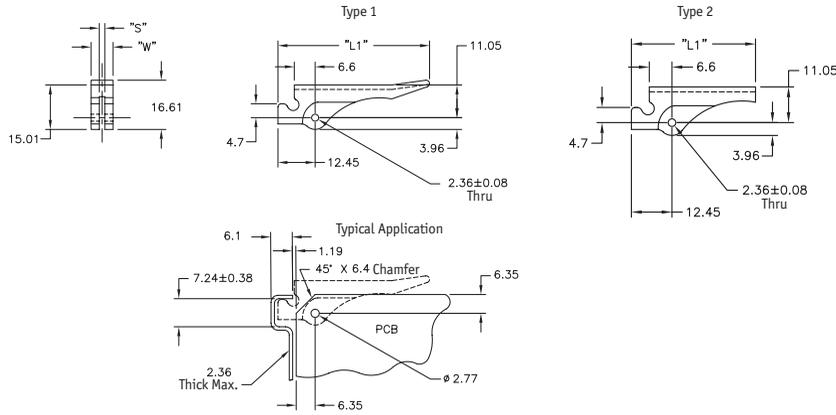


Part Number	Adhesive	Standard Pack Quantity
BMS-S-48	-	25
BMS-SA5-48	Acrylic, RMS-359	25

### PCB Inserter/Extractor

R1107

Natural UL94 V0 Glass Filled Nylon 11, RMS-222



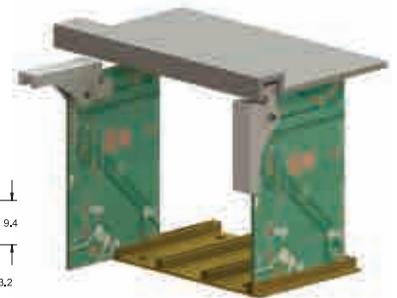
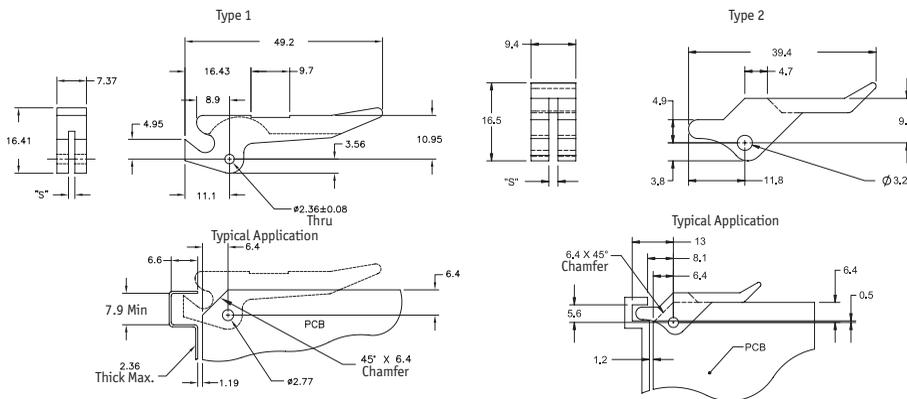
Part Number	Type	Dimensions (mm)				Installation pin*	Standard Pack Quantity
		"S"	"W"	"L1"	PCB Thickness		
R1107-062	1	1.9	7.4	50.8	1.6	RMS-224	100
R11073-062	1	1.9	8.9	50.8	1.6	RRP-250	100
R11073-093	1	2.5	8.9	50.8	2.4	RRP-312	100
R110710-062	2	1.9	7.4	38.1	1.6	RRP-250	100
R1107310-093	2	2.5	8.9	38.1	2.4	RRP-312	100

\*Installation pins are sold separately

### PCB Inserter/Extractor

R1001/R1002/R1209

Natural UL94 V2 Nylon 6/6, RMS-48



Part Number	Type	Dimensions (mm)			Installation Pin*	Standard Pack Quantity
		"S"	PCB Thickness			
R1001-062	1	1.9	1.6		RRP-250	100
R1209-062	2	1.9	1.6		RRP-375	100
R1209-093	2	2.5	2.4		RRP-375	100

\* Installation pins are sold separately

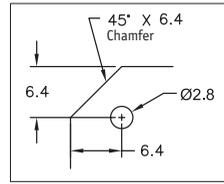
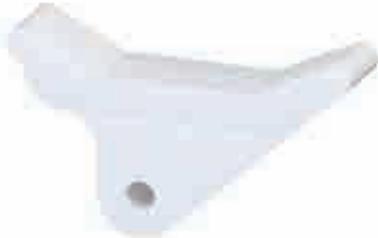
# CARD GUIDES AND PULLERS

## Card Ejector

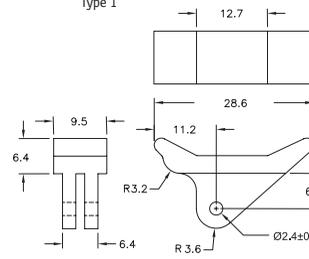
RCP

White UL94 V2 Nylon 6/6, RMS-48

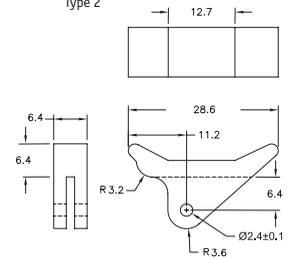
All RCP Series Parts  
Mount Into Hole Below  
See Table for PCB  
Thickness Accepted



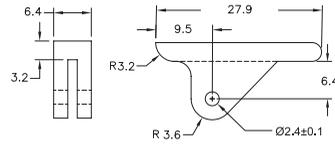
Type 1



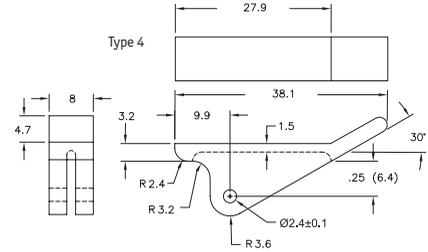
Type 2



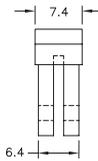
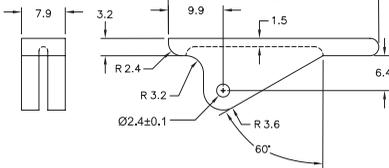
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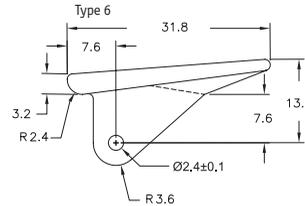
Type 4



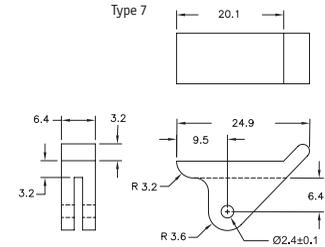
Type 5



Type 6



Type 7

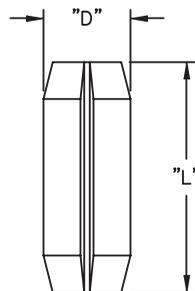


Part Number	Type	Accepts PCB Thickness (mm)	Installation pin (Supplied), RMS-224	Standard Pack Quantity
RCP-06	1	1.6	RRP-250	500
RCP-09	1	2.4	RRP-250	500
RCP-26	2	1.6	RRP-250	500
RCP-36	3	1.6	RRP-250	500
RCP-46	4	1.6	RRP-312	500
RCP-56	5	1.6	RRP-312	500
RCP-66	6	1.6	RRP-250	500
RCP-86	7	1.6	RRP-250	500
RCP-89	7	2.4	RRP-250	500

## PCB Inserter/Extractor Installation Pin

RRP

- 302 Stainless Steel, RMS-320



Part Number	Dimensions (mm)		Standard Pack Quantity
	"D"	"L"	
RRP-250	2.4	6.4	100
RRP-312	2.4	8	100
RRP-375	3.2	9.5	100

For use with card ejectors – please see range RCP (above) for compatibility

# KEEPING YOU CONNECTED

- Introducing Essentra Components' new range of Cable Terminals, available in nine different styles
- Cable terminals are ideal for covering wires to keep them intact and providing the best possible connection to your power source
- See pages 346–353



**TUBULAR RING  
TERMINALS**

Page 346



**SPADE  
TERMINALS**

Page 349



**UNINSULATED  
CORD END  
TERMINALS**

Page 350



**INSULATED RING  
TERMINALS**

Page 352



**INSULATED CORD  
END TERMINALS**

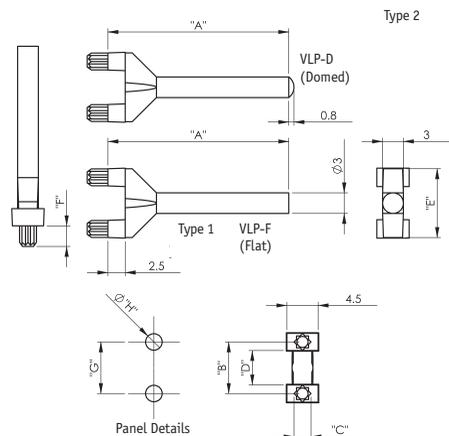
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## Vertical Light Pipes

### VLP

Clear UL94 V0 Polycarbonate, RMS-23



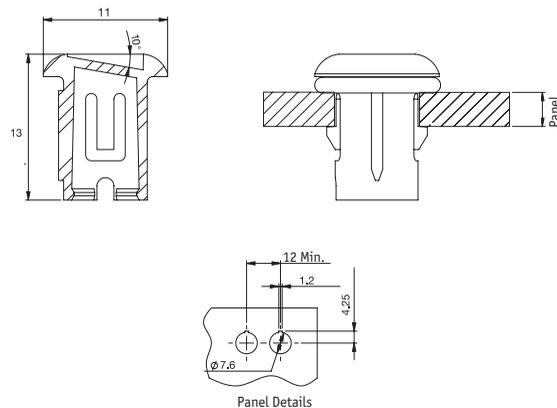
Part Number	Type	Dimensions (mm)								Panel Thickness	Standard Pack Quantity
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H" ± 0.05		
VLP1-F-1	1	12.7	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP1-F-3	1	16.5	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP1-F-4	1	21.8	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP1-F-5	1	26.1	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP2-F-1	1	12.7	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-F-2	1	15	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-F-3	1	16.5	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-F-4	1	21.8	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-F-5	1	26.1	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-F-6	1	55	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP1-D-1	2	12.7	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP1-D-3	2	16.5	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP1-D-4	2	21.8	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP1-D-5	2	26.1	4.7	1.5	3	6.4	2.5	4.7	1.5	0.8-3	1000
VLP2-D-1	2	12.7	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-D-3	2	16.5	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-D-4	2	21.8	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-D-5	2	26.1	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000
VLP2-D-6	2	55	7.5	2.45	5	10	3	7.5	2.4	0.8-3	1000

## LED Lens Cover

### LEDC

Clear Polycarbonate, RMS-215

- Cover supplied with standard 10° angled lens.



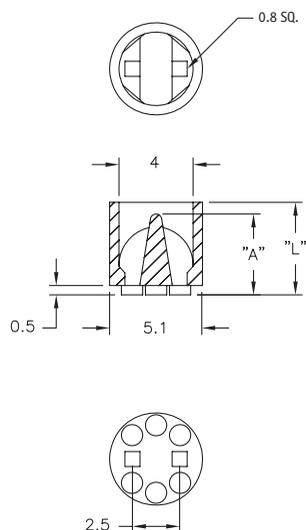
Part Number	Details	Mounting Hole Ø (mm)	Panel Thickness	O-Ring Material	Fits LED	Standard Pack Quantity
LEDC-1	Cover	7.6	4.5	-	T1¾ (5mm)	1000
LEDC-2	Cover with O-Ring	7.6	3	Black Neoprene Rubber, RMS-279	T1¾ (5mm)	1000



## LED Spacer

LEDS2M

Natural Nylon 6/6 RMS 01

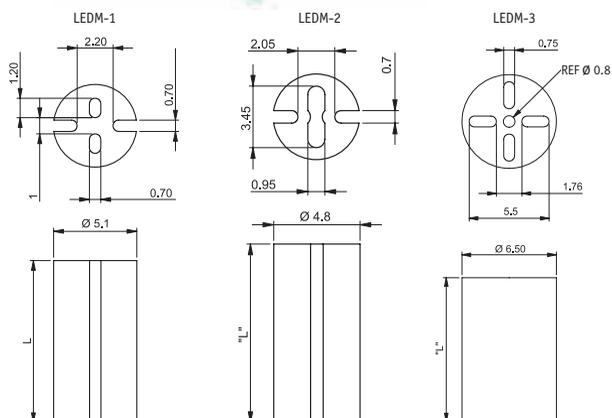


Part Number	"L"	"A" Ref	Fits LED	Standard Pack Quantity
LEDS2M-120-01	3.1	2	T1¾ (5mm)	1000
LEDS2M-140-01	3.6	2	T1¾ (5mm)	1000
LEDS2M-160-01	4.1	2	T1¾ (5mm)	1000
LEDS2M-180-01	4.5	2	T1¾ (5mm)	1000
LEDS2M-200-01	5.1	2	T1¾ (5mm)	1000
LEDS2M-220-01	5.6	2	T1¾ (5mm)	1000
LEDS2M-240-01	6.1	2	T1¾ (5mm)	1000
LEDS2M-250-01	6.4	5.1	T1¾ (5mm)	1000
LEDS2M-260-01	6.6	5.1	T1¾ (5mm)	1000
LEDS2M-280-01	7.1	5.1	T1¾ (5mm)	1000
LEDS2M-300-01	7.8	5.1	T1¾ (5mm)	1000
LEDS2M-320-01	8.1	5.1	T1¾ (5mm)	1000
LEDS2M-340-01	8.6	5.1	T1¾ (5mm)	1000
LEDS2M-360-01	9.1	5.1	T1¾ (5mm)	1000
LEDS2M-380-01	9.7	8.4	T1¾ (5mm)	1000
LEDS2M-400-01	10.2	8.4	T1¾ (5mm)	1000
LEDS2M-420-01	10.7	8.4	T1¾ (5mm)	1000
LEDS2M-440-01	11.2	8.4	T1¾ (5mm)	1000
LEDS2M-450-01	11.4	8.4	T1¾ (5mm)	1000
LEDS2M-460-01	11.7	8.4	T1¾ (5mm)	1000
LEDS2M-500-01	12.7	11.4	T1¾ (5mm)	1000
LEDS2M-550-01	14	11.4	T1¾ (5mm)	1000
LEDS2M-600-01	15.2	11.4	T1¾ (5mm)	1000
LEDS2M-650-01	16.5	14.7	T1¾ (5mm)	1000
LEDS2M-750-01	19.1	17.8	T1¾ (5mm)	1000
LEDS2M-850-01	21.6	17.8	T1¾ (5mm)	1000
LEDS2M-900-01	22.9	17.8	T1¾ (5mm)	1000

## High Temperature Metric LED Spacers

LEDM

Black PVC RMS-388



Part Number			"L" (mm)	Standard Pack Quantity
Fits LED T-1¼ (5mm)	Fits LED T-1 (3mm)	Fits LED T-1¼ (5mm)		
LEDM-1-02	LEDM-2-02	LEDM-3-02	2	1000
LEDM-1-03	LEDM-2-03	LEDM-3-03	3	1000
LEDM-1-04	LEDM-2-04	LEDM-3-04	4	1000
LEDM-1-05	LEDM-2-05	LEDM-3-05	5	1000
LEDM-1-06	LEDM-2-06	LEDM-3-06	6	1000
LEDM-1-07	LEDM-2-07	LEDM-3-07	7	1000
LEDM-1-08	LEDM-2-08	LEDM-3-08	8	1000
LEDM-1-09	LEDM-2-09	LEDM-3-09	9	1000
LEDM-1-10	LEDM-2-10	LEDM-3-10	10	1000
LEDM-1-11	LEDM-2-11	LEDM-3-11	11	1000
LEDM-1-12	LEDM-2-12	LEDM-3-12	12	1000
LEDM-1-13	LEDM-2-13	LEDM-3-13	13	1000
LEDM-1-14	LEDM-2-14	LEDM-3-14	14	1000
LEDM-1-15	LEDM-2-15	LEDM-3-15	15	1000
LEDM-1-16	LEDM-2-16	LEDM-3-16	16	1000
LEDM-1-17	LEDM-2-17	LEDM-3-17	17	1000
LEDM-1-18	LEDM-2-18	LEDM-3-18	18	1000
LEDM-1-19	LEDM-2-19	LEDM-3-19	19	1000
LEDM-1-20	LEDM-2-20	LEDM-3-20	20	1000
LEDM-1-21	LEDM-2-21	LEDM-3-21	21	1000
LEDM-1-22	LEDM-2-22	LEDM-3-22	22	1000
LEDM-1-23	LEDM-2-23	LEDM-3-23	23	1000
LEDM-1-24	LEDM-2-24	LEDM-3-24	24	1000
LEDM-1-25	LEDM-2-25	LEDM-3-25	25	1000
LEDM-1-26	LEDM-2-26	LEDM-3-26	26	1000
LEDM-1-27	LEDM-2-27	LEDM-3-27	27	1000
LEDM-1-28	LEDM-2-28	LEDM-3-28	28	1000
LEDM-1-29	LEDM-2-29	LEDM-3-29	29	1000
LEDM-1-30	LEDM-2-30	LEDM-3-30	30	1000

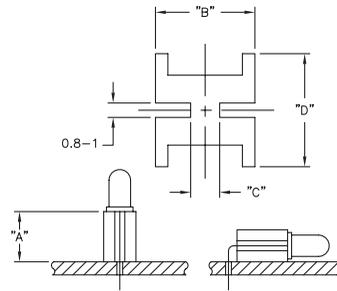
## Square LED Spacers

### SQLEDS

Black UL94 V0 PVC, RMS-26

- Horizontal or vertical mounting

Part Number	Fits LED	Dimensions (mm)				Standard Pack Quantity
		"A" ± 0.5	"B"	"C"	"D" Ref	
SQLEDS1-4-26	T1 (3mm)	6.4	4.3	0.8	4.3	1000
SQLEDS1-6-26	T1 (3mm)	9.5	4.3	0.8	4.3	1000
SQLEDS2-4-26	T1½ (5mm)	6.4	6.1	1.8	6.9	1000
SQLEDS2-6-26	T1½ (5mm)	9.5	6.1	1.8	6.9	1000
SQLEDS2-8-26	T1½ (5mm)	12.7	6.1	1.8	6.9	1000
SQLEDS2-12-26	T1½ (5mm)	19.1	6.1	1.8	6.9	1000

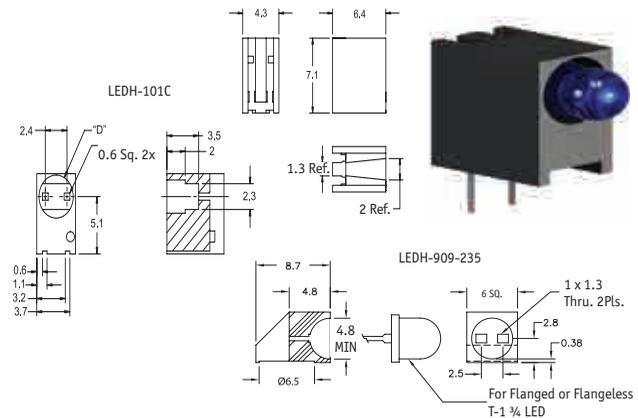


## LED Holder

### LEDH

Black UL94 V0 Nylon 6/6, RMS-43

Part Number	Ø "D" (mm)	Fits LED	Standard Pack Quantity
LEDH-101C-34	3.4	T1 (3mm)	1000
LEDH-101C-38	3.8	T1 (3mm)	1000



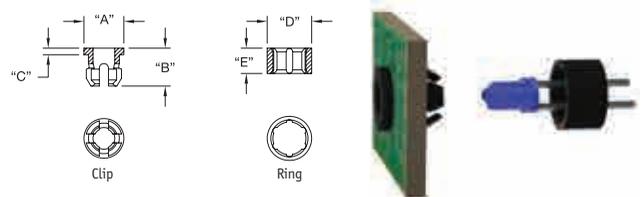
Black UL94 V2 Nylon 6/6, RMS-48

Part Number	Fits LED	Standard Pack Quantity
LEDH-909-235	T1½ (5mm)	1000

## LED Clips & Rings

### LEDCR

- The devices go together by simply inserting the "clip" to the front of the panel, then assembling the LED into the "clip" from the rear of the panel. The "ring" is pressed onto the rear of the "clip" for a firm retention
- Black



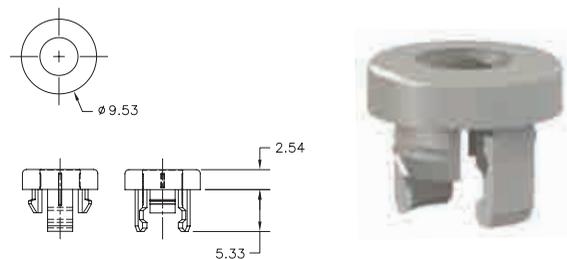
Part Number	Ring Material	Clip Material	LED Type	Mounting Hole	Panel Thickness	Dimensions (mm)					Standard Pack Quantity
						"A" Ø	"B"	"C"	"D" Ø	"E"	
LEDCR-104	UL94 V0 Nylon 6/6, RMS-43	UL94 V0 Nylon 6/6, RMS-43	T1 (3mm)	4.4 - 4.6	0.8 - 3.2	5.3	5.3	0.38	6.1	3.6	1000
LEDCR-174	UL94 V2 Nylon 6/6, RMS-48	UL94 V0 Nylon 6/6, RMS-43	T1 ½ (5mm)	6.8 - 6.9	0.8 - 3.2	7.6	6.6	0.76	8.9	4.1	1000

## LED Holder Panel Mount

### LEDHPM

- Natural UL94 V2 Nylon 6/6, RMS-01

Part Number	Mounting Hole Ø	Panel Thickness	Fits LED	Standard Pack Quantity
LEDHPM-1	7.14 - 7.29	1.12 - 1.22	T1 ½ (5mm)	1000



## CABLE TIES AND CLIPS

- Quality industry-accredited solutions developed over 65 years
- Manage complex cabling with easy-to-install options suited to everyday and challenging environments
- Reduce high costs on installation repair jobs with our easy to use ties and clips



**OVER  
65 YEARS  
OF EXPERTISE**



211



221



230



238



239



242



247



251



255



256



273



277



282



291



293

MORE THAN  
**2,300**  
CABLE TIES  
AND CLIPS  
PRODUCTS  
AVAILABLE

# CABLE TIES AND CLIPS



CABLE TIES

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CABLE MOUNTS

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TWIST TIES & CABLE CLIPS

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WIRE SADDLES

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STAND OFF CLIPS

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SCREW, ADHESIVE &  
FLAT CABLE MOUNTS

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# CABLE TIES

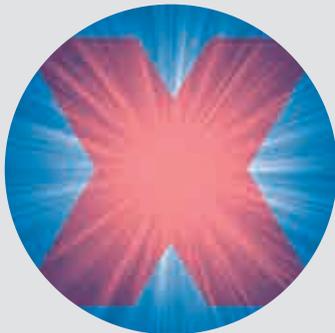
- Essentra Components offers tough, high quality cable ties suitable for a wide range of electrical applications
- Essentra Components stocks a wide range of materials, sizes and colours for almost every application
- Don't forget to stock up on our extensive range of wiring accessories for all of your cable management solutions
- All in stock for same day dispatch



## CABLE TIE STORAGE GUIDE

- Essentra Components' cable ties are manufactured from high quality Nylon
- Nylon is a hygroscopic material. This means that the material absorbs and loses moisture. For optimum performance, it is important that moisture content in the material remains at a level of 2.5%
- Essentra Components' packaging ensures that the water content in the material remains consistent. It is important to store the cable ties in the original packaging supplied to preserve the quality of the ties. Improper storage, especially in dry or cold conditions, can result in a moisture loss, which may affect cable tie performance. Once the bag is opened, the cable ties should be used as quickly as possible

## HERE ARE OUR TOP TIPS FOR OPTIMUM CABLE TIE STORAGE



DO NOT EXPOSE OR STORE THE CABLE TIES TO DIRECT SUNLIGHT



DO NOT EXPOSE OR STORE THE CABLE TIES CLOSE TO DIRECT SOURCES OF EXTREME HEAT



THE IDEAL CLIMATE FOR THE STORAGE OF CABLE TIES IS CENTRAL EUROPEAN CLIMATE

## Standard Cable Ties

SR 1785

Nylon 6.6

- Lock to prevent accidental removal
- Flammability rating: UL94 V2



Part Number		Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Natural	Black		Length	Width		
460175	460206	15.0	75.0	2.4	18/8	100
460176	460207	21.0	96.0	2.5	18/8	100
460177	460208	25.0	100.0	2.5	18/8	100
460178	460209	30.0	120.0	2.5	18/8	100
460179	460210	35.0	142.0	2.5	18/8	100
460180	460211	44.0	165.0	2.5	18/8	100
460181	460212	55.0	203.0	2.5	18/8	100
460182	460213	30.0	120.0	3.2	40/18	100
460183	460214	35.0	142.0	3.2	40/18	100
460185	460216	55.0	203.0	3.2	40/18	100
460184	460215	39.0	150.0	3.6	40/18	100
460194	460225	49.0	180.0	3.6	50/22	100
460186	460217	55.0	203.0	3.6	40/18	100
460187	460218	74.0	250.0	3.6	40/18	100
460188	460219	78.0	265.0	3.6	40/18	100
460189	460220	85.0	292.0	3.6	40/18	100
460190	460221	96.0	331.0	3.6	40/18	100
460191	460222	102.0	368.0	3.6	40/18	100
460192	460223	30.0	120.0	4.8	50/22	100
460193	460224	42.0	160.0	4.8	50/22	100
460195	460226	52.0	190.0	4.8	50/22	100
460196	460227	55.0	203.0	4.6	50/22	100
460197	460228	74.0	250.0	4.8	50/22	100
460198	460229	81.0	280.0	4.8	50/22	100

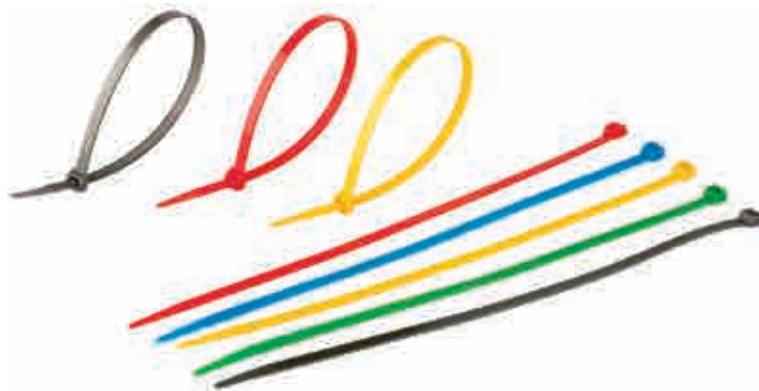
Part Number		Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Natural	Black		Length	Width		
460199	460230	85.0	300.0	4.8	50/22	100
460200	460231	89.0	310.0	4.8	50/22	100
460201	460232	102.0	368.0	4.8	50/22	100
460202	460233	116.0	385.0	4.8	50/22	100
460203	460234	125.0	432.0	4.8	50/22	100
460204	460235	130.0	450.0	4.8	50/22	100
460205	460236	150.0	500.0	4.8	50/22	100
461165	461182	39.0	150.0	7.6	120/55	100
461166	461183	55.0	203.0	7.6	120/55	100
461167	461184	66.0	240.0	7.6	120/55	100
461168	461185	78.0	280.0	7.6	120/55	100
461169	461186	88.0	300.0	7.6	120/55	100
461170	461187	99.0	340.0	7.6	120/55	100
461171	461188	110.0	380.0	7.6	120/55	100
461172	461189	133.0	450.0	8.0	175/80	100
461173	461190	166.0	550.0	8.0	175/80	100
461174	461191	185.0	610.0	9.0	175/80	100
461175	461192	210.0	685.0	9.0	175/80	100
461176	461193	220.0	710.0	9.0	175/80	100
461177	461194	236.0	762.0	9.0	175/80	100
461178	461195	246.0	812.0	9.0	175/80	100
461179	461196	270.0	914.0	9.0	175/80	100
461180	461197	360.0	1168.0	9.0	175/80	100
461181	461198	380.0	1219.0	9.0	175/80	100

## Coloured Cable Ties

SR 1762

Nylon 6.6

- Lock to prevent accidental removal
- Flammability rating: UL94 V2
- Easier Cable Management
- Provide Colour Coding system
- Provide Colour matching



Part Number					Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Standard Pack Quantity
Natural	Blue	Green	Yellow	Silver		Length	Width	
460177-R	460177-B	460177-G	460177-Y	460177-S	25.0	100.0	2.5	100
460181-R	460181-B	460181-G	460181-Y	460181-S	55.0	203.0	2.5	100
460184-R	460184-B	460184-G	460184-Y	460184-S	39.0	150.0	3.6	100
460187-R	460187-B	460187-G	460187-Y	460187-S	74.0	250.0	3.6	100
460227-R	460227-B	460227-G	460227-Y	460227-S	55.0	203.0	4.6	100
460201-R	460201-B	460201-G	460201-Y	460201-S	102.0	368.0	4.8	100
460230-R	460230-B	460230-G	460230-Y	460230-S	85.0	300.0	4.8	100
461188-R	461188-B	461188-G	461188-Y	461188-S	110.0	380.0	7.6	100

## Cable Tie Kits

### SR 1746

#### Nylon 6.6

- Convenient cable tie kits
- Five collections of different sized cable ties and adhesive tie mounts supplied in a handy carrier bag



### 494654 – 2500 Piece Cable Tie Kit Black

Part Number	Max. Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Kit Quantity	Standard Pack Quantity
		Length	Width			
460208	25.0	100.0	2.5	18/8	500	100
460215	39.0	150.0	3.6	40/18	500	100
460217	55.0	203.0	3.6	40/18	500	100
460229	81.0	280.0	4.8	50/22	500	100
460233	116.0	385.0	4.8	50/22	400	100

#### Adhesive Tie Mounts\*

Part Number	Tie Width (mm)	Dimensions (mm)			Hole Diameter (mm)	Kit Quantity	Standard Pack Quantity
		W1	L	H			
494647	2.4-4.8	5.0	28 x 28	4.0	5.0	100	100

### 494655 – 2500 Piece Cable Tie Kit Natural

Part Number	Max. Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Kit Quantity	Standard Pack Quantity
		Length	Width			
460177	25.0	100.0	2.5	18/8	500	100
460184	39.0	150.0	3.6	40/18	500	100
460186	55.0	205.0	3.6	40/18	500	100
460198	81.0	280.0	4.8	50/22	500	100
460202	116.0	385.0	4.8	50/22	400	100

#### Adhesive Tie Mounts\*

Part Number	Tie Width (mm)	Dimensions (mm)			Hole Diameter (mm)	Kit Quantity	Standard Pack Quantity
		W1	L	H			
460333	2.4-4.8	5.0	28 x 28	4.0	5.0	100	100

### 494656 - 1000 Piece Cable Tie Kit Black

Part Number	Max. Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Kit Quantity	Standard Pack Quantity
		Length	Width			
460208	25.0	100.0	2.5	18/8	300	100
460217	55.0	203.0	3.6	40/18	300	100
460229	81.0	280.0	4.8	50/22	300	100

#### Adhesive Tie Mounts\*

Part Number	Tie Width (mm)	Dimensions (mm)			Hole Diameter (mm)	Kit Quantity	Standard Pack Quantity
		W1	L	H			
494647	2.4-4.8	5.0	28 x 28	4.0	5.0	100	100

\*Please see page 235 for drawing of adhesive tie mounts

### 494657 – 1000 Piece Cable Tie Kit Natural

Part Number	Max. Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Kit Quantity	Standard Pack Quantity
		Length	Width			
460177	25.0	100.0	2.5	18/8	300	100
460186	55.0	205.0	3.6	40/18	300	100
460198	81.0	280.0	4.8	50/22	300	100

#### Adhesive Tie Mounts \*

Part Number	Tie Width (mm)	Dimensions (mm)			Hole Diameter (mm)	Kit Quantity	Standard Pack Quantity
		W1	L	H			
460333	2.4-4.8	5.0	28 x 28	4.0	5.0	100	100

### 494658 – 2500 Piece Cable Tie Kit Mixed Colours

Part Number	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Colour	Kit Qty	Standard Pack Quantity
		Length	Width				
460177	25.0	100.0	2.5	18/8	Natural	200	100
460208	25.0	100.0	2.5	18/8	Black	200	100
460177-R	25.0	100.0	2.5	18/8	Red	200	100
460177-G	25.0	100.0	2.5	18/8	Green	200	100
460177-B	25.0	100.0	2.5	18/8	Blue	200	100
460177-Y	25.0	100.0	2.5	18/8	Yellow	200	100
460196	55.0	203.0	4.6	50/22	Natural	100	100
460227	55.0	203.0	4.6	50/22	Black	100	100
460227-G	55.0	203.0	4.6	50/22	Green	100	100
460227-B	55.0	203.0	4.6	50/22	Blue	100	100
460227-R	55.0	203.0	4.6	50/22	Red	100	100
460227-Y	55.0	203.0	4.6	50/22	Yellow	100	100
460199	85.0	300.0	4.8	50/22	Natural	100	100
460230	85.0	300.0	4.8	50/22	Black	100	100
460230-R	85.0	300.0	4.8	50/22	Red	100	100
460230-B	85.0	300.0	4.8	50/22	Blue	100	100
460230-G	85.0	300.0	4.8	50/22	Green	100	100
460230-Y	85.0	300.0	4.8	50/22	Yellow	100	100

#### Adhesive Tie Mounts \*

Part Number	Tie Width (mm)	Dimensions (mm)			Hole Diameter (mm)	Kit Quantity	Standard Pack Quantity
		W1	L	H			
460333	2.4-4.8	5.0	28 x 28	4.0	5.0	100	100

## Heavy-Duty Cable Ties

### SR 1766

#### Nylon 6.6

- Benefits as standard version plus:
- Higher tensile strength for more demanding applications



Part Number		Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Natural	Black		Length	Width		
460237	461883	63.0	230.0	12.7	250/114	100
460238	461884	80.0	280.0	12.7	250/114	100
460239	461885	110.0	380.0	12.7	250/114	100
460240	461886	140.0	480.0	12.7	250/114	100
460241	461887	166.0	550.0	12.7	250/114	100
460242	461888	175.0	580.0	12.7	250/114	100
460243	461889	225.0	730.0	12.7	250/114	100
460244	461890	267.0	880.0	12.7	250/114	100
460245	461891	317.0	1030.0	12.7	250/114	100

## UV-Resistant Cable Ties

SR 1767

Black Nylon 6.6

Benefits as standard version plus:

- UV-resistant for outdoor use



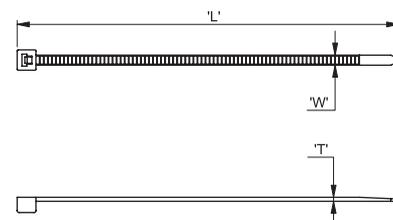
Part Number	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
		Length	Width		
460246	18.0	75.0	2.4	18/8	100
460247	23.0	96.0	2.5	18/8	100
460248	25.0	100.0	2.5	18/8	100
460249	30.0	120.0	2.5	18/8	100
460250	35.0	142.0	2.5	18/8	100
460251	44.0	165.0	2.5	18/8	100
460252	55.0	203.0	2.5	18/8	100
460253	30.0	120.0	3.2	40/18	100
460254	35.0	142.0	3.2	40/18	100
460256	55.0	203.0	3.2	40/18	100
460255	39.0	150.0	3.6	40/18	100
460257	55.0	203.0	3.6	40/18	100
460258	74.0	250.0	3.6	40/18	100
460259	78.0	265.0	3.6	40/18	100
460260	85.0	292.0	3.6	40/18	100
460261	96.0	331.0	3.6	40/18	100
460262	102.0	368.0	3.6	40/18	100
460265	49.0	180.0	4.0	50/22	100
460263	30.0	120.0	4.8	50/22	100
460264	42.0	160.0	4.8	50/22	100
460266	52.0	190.0	4.8	50/22	100
460267	55.0	203.0	4.6	50/22	100
460268	74.0	250.0	4.8	50/22	100
460269	81.0	280.0	4.8	50/22	100
460270	85.0	299.0	4.8	50/22	100
460271	89.0	310.0	4.8	50/22	100
460272	102.0	368.0	4.8	50/22	100
460273	116.0	385.0	4.8	50/22	100
460274	125.0	432.0	4.8	50/22	100

## Heat Stabilised Cable Ties

SR 1795

RG-HS

UL94 V-2 Heat Stabilised Nylon 6/6, RMS-164



Part Number		Min. Loop Tensile Strength (Kg)	Dimensions (mm)			Max. Bundle Ø Ref.	Standard Pack Quantity
Natural	Black		'W'	'L'	'T'		
RG-203-HS	RG-303-HS	8.0	2.5	98	1.0	21	100
RG-209-HS	RG-309-HS	13.0	3.6	140	1.1	35	100
RG-214-HS	RG-314-HS	13.0	3.6	200	1.3	50	100
RG-215-HS	RG-315-HS	22.4	4.8	200	1.3	50	100
RG-217-HS	RG-317-HS	22.4	4.8	290	1.4	79	100
RG-227-HS	RG-327-HS	55.0	7.5	365	1.7	100	100

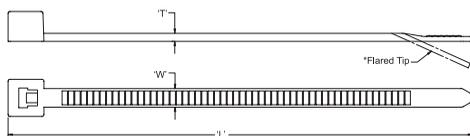
## High Temperature Cable Ties

SR 1796

WIT-HT

Natural UL94 V-2 Nylon 4/6, RMS-109

- Temperature range: -40 to 130°C



Part Number	Min. Loop Tensile Strength (Kg)	Dimensions (mm)			Max. Bundle Ø	Standard Pack Quantity
		'W'	'L'	'T'		
WIT-18R-HT-M	8	2.5	114.8	1.0	25.4	1000
WIT-50R-HT-M	18	4.8	203.2	1.3	50.8	1000

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# CABLE TIES

## Cable Tie Guns

SR 1785



Type 1 Light Duty



Type 2 Heavy Duty

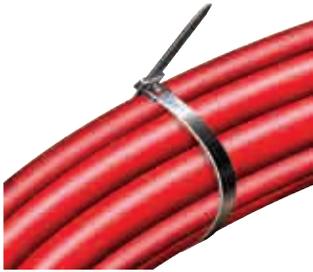
Part Number	Type	Fits Cable Ties (mm)	Standard Pack Quantity
497656	1	2.5-5.0	1
497659	2	2.5-10.0	1

## Releasable Ties

SR 1768

Natural and Black Nylon 6.6

- Benefits as standard version plus:
- Ties remain locked until intentionally released
- Ideal in a variety of applications where temporary fastening or servicing is required
- Type 2 features a push button for easy release



### Type 1

Part Number		Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Natural	Black		Length	Width		
461253	461272	25.0	100.0	3.6	40/18	100
461254	461273	39.0	150.0	4.7	50/22	100
461255	461274	55.0	200.0	4.7	50/22	100
461256	461275	74.0	250.0	4.8	50/22	100
461257	461276	88.0	300.0	4.8	50/22	100
461258	461277	102.0	370.0	4.8	50/22	100

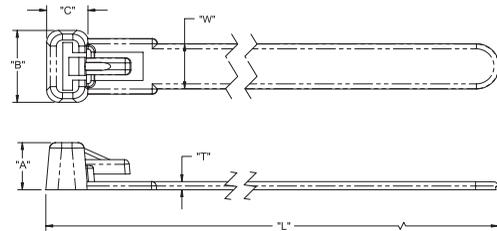
### Type 2

Part Number		Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Natural	Black		Length	Width		
461267	461248	30.0	125.0	7.6	50/22	100
461268	461249	35.0	150.0	7.6	50/22	100
461269	461250	50.0	200.0	8.0	50/22	100
461270	461251	65.0	250.0	7.6	50/22	100
461271	461252	80.0	300.0	8.0	50/22	100

## Release Tab Wrap-It Tie

SR 1797

WIT-RT



Part Number		Minimum Loop Tensile Strength (kg)	Dimensions (mm)						Standard Pack Quantity	
Natural UL94 V-2 Nylon 6/6. RMS-01	Black UL94 V-2 UV Stabilised Nylon 6/6. RMS-46		'W'	'L'	'T'	Bundle Ø Range	'A'	'B'		'C'
WIT-RT-1-M	WIT-RT-1-UVB-M	13	7.6	206	1.3	6.4 - 48	7.8	11.9	6.8	1000

## Double-loop Cable Ties

SR 1798

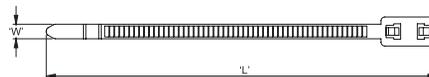
WIT-DH

UL94 V-2 Nylon 6.6, RMS-01

- Double head allows the tail to pass through twice creating two loops
- Ideal for attaching bundles to a unit or two bundles together



Part Number		Minimum Loop Tensile Strength (Kg)	Dimensions (mm)				Standard Pack Quantity
Natural	Black		'W'	'L'	'A' Max. Bundle Ø	'B' Max. Bundle Ø	
WIT-DH-1	WIT-DH-1BK	22.2	4.8	200	47	45	100
WIT-DH-2	WIT-DH-2BK	22.2	4.8	300	72	70	100
WIT-DH-3	WIT-DH-3BK	22.2	4.8	372	100	97	100



## Double-Locking Cable Ties

SR 6105

Black Nylon 6.6

- Double-locking head design creates more secure fastening
- Tensile strength of cable tie loop greater than that of a standard cable tie

Part Number	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
		Length	Width		
490000	30.0	132.0	9.0	77/35	100
490001	45.0	180.0	9.0	77/35	100
490002	55.0	235.0	9.0	121/55	100
490003	78.0	265.0	9.0	121/55	100
490004	88.0	300.0	9.0	121/55	100
490005	100.0	360.0	9.0	121/55	100
490006	160.0	510.0	9.0	121/55	100
490007	180.0	610.0	9.0	121/55	100
490008	230.0	760.0	9.0	121/55	100



## Coated Steel Ladder Ties

SR 1779

316 Stainless Steel with black

Polyester coating

- Operating temperature range: -80°C to 150°C
- Ladder construction reduces possibility of slippage
- Polyester coating provides extra cable protection and corrosion resistance in extreme environments
- Typical usages include: mass transit, ship building, oil rigs, hazardous areas, mining, petrochemicals and rail industries



Part Number	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
		Length	Width		
495175	40	150	7	100/45	100
495176	65	225	7	100/45	100
495177	90	300	7	100/45	100
495178	110	450	7	100/45	100
495179	145	610	7	100/45	100
495180	40	150	12	244/111	100
495181	65	225	12	244/111	100
495182	90	300	12	244/111	100
495184	145	610	12	244/111	100

## Coated Stainless Steel Cable Ties

SR1774

316 Stainless Steel

- Operating temperature range: -80°C to 150°C
- Ball Lock Steel Ties are self locking, fast and easy to install
- Nylon coating provides extra cable protection and corrosion resistance in extreme environments
- Typical usages include: mass transit, ship building, oil rigs, hazardous areas, mining, petrochemicals and rail industries



Part Number	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
		Length	Width		
495155	30	150	4.6	132/60	100
495156	50	200	4.6	132/60	100
495157	100	360	4.6	132/60	100
495158	150	520	4.6	132/60	100
495160	50	200	7.9	375/170	100
495161	100	360	7.9	375/170	100
495162	150	520	7.9	375/170	100
495164	250	840	7.9	375/170	100

# CABLE TIES

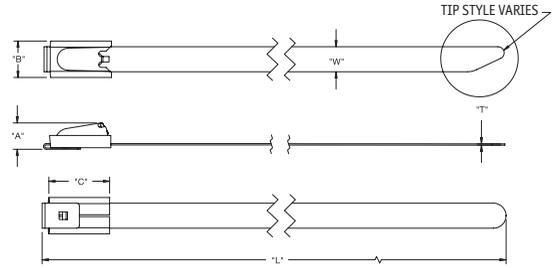
## Stainless Steel Cable Tie Installation Tool

SR 1799  
MTG-1



## Stainless Steel Cable Ties

MT



Part Number	Minimum Loop Tensile Strength (Kg)	Dimensions (mm)							Material	Standard Pack Quantity
		"W"	"L" Length Approx.	"T"	Maximum Bundle Ø	"A"	"B"	"C"		
MT-1	45	4.6	127	0.25	25	4.3	6.4	11.4	304 Stainless Steel. RMS-381	100
MT-2	45	4.6	201	0.25	51	4.3	6.4	11.4	304 Stainless Steel. RMS-381	100
MT-3	45	4.6	259	0.25	70	4.3	6.4	11.4	304 Stainless Steel. RMS-381	100
MT-4	45	4.6	362	0.25	102	4.3	6.4	11.4	304 Stainless Steel. RMS-381	100
MT-5	45	4.6	521	0.25	152	4.3	6.4	11.4	304 Stainless Steel. RMS-381	100
MT-6	45	4.6	679	0.25	203	4.3	6.4	11.4	304 Stainless Steel. RMS-381	100
MT-7	45	4.6	838	0.25	254	4.3	6.4	11.4	304 Stainless Steel. RMS-381	100
MT-8	45	4.6	998	0.25	304	4.3	6.4	11.4	304 Stainless Steel. RMS-381	50
MT-9	45	4.6	1250	0.25	380	4.3	6.4	11.4	304 Stainless Steel. RMS-381	50
MT-10	113	7.9	201	0.25	51	5.6	10.2	13.8	304 Stainless Steel. RMS-381	100
MT-11	113	7.9	362	0.25	102	5.6	10.2	13.8	304 Stainless Steel. RMS-381	100
MT-12	113	7.9	521	0.25	152	5.6	10.2	13.8	304 Stainless Steel. RMS-381	100
MT-13	113	7.9	679	0.25	203	5.6	10.2	13.8	304 Stainless Steel. RMS-381	100
MT-14	113	7.9	838	0.25	254	5.6	10.2	13.8	304 Stainless Steel. RMS-381	50
MT-15	113	7.9	998	0.25	304	5.6	10.2	13.8	304 Stainless Steel. RMS-381	50
MT-16	45	4.6	127	0.25	25	4.3	6.4	11.4	316 Stainless Steel. RMS-382	100
MT-17	45	4.6	201	0.25	51	4.3	6.4	11.4	316 Stainless Steel. RMS-382	100
MT-18	45	4.6	259	0.25	70	4.3	6.4	11.4	316 Stainless Steel. RMS-382	100
MT-19	45	4.6	362	0.25	102	4.3	6.4	11.4	316 Stainless Steel. RMS-382	100
MT-22	45	4.6	838	0.25	254	4.3	6.4	11.4	316 Stainless Steel. RMS-382	100
MT-23	45	4.6	998	0.25	304	4.3	6.4	11.4	316 Stainless Steel. RMS-382	50
MT-26	113	7.9	362	0.25	102	5.6	10.2	13.8	316 Stainless Steel. RMS-382	100
MT-27	113	7.9	521	0.25	152	5.6	10.2	13.8	316 Stainless Steel. RMS-382	100
MT-30	113	7.9	998	0.25	304	5.6	10.2	13.8	316 Stainless Steel. RMS-382	50

## Stainless Steel Ladder Ties

SR 1779

316 Stainless Steel

- Operating temperature range: -80°C to 538°C
- Ladder construction reduces possibility of slippage
- Typical usages include: mass transit, ship building, oil rigs, hazardous areas, mining, petrochemicals and rail industries



Part Number	Dimensions (mm)			Tensile lbs/kg	Standard Pack Quantity
	Length	Width	Maximum Cable Bundle Diameter		
495165	150	7	40	100/45	100
495166	225	7	65	100/45	100
495167	300	7	90	100/45	100
495168	450	7	110	100/45	100
495169	610	7	145	100/45	100
495170	150	12	40	244/111	100
495171	225	12	65	244/111	100
495172	300	12	90	244/111	100
495173	450	12	110	244/111	100
495174	610	12	145	244/111	100

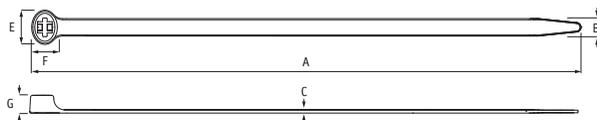
## Elematic 2-Lock™ Cable Ties

SR 1800

Polyamide 6.6 natural with 316 Stainless Steel teeth

(+1% carbon black for black version)

- Double Steel Jaw locking mechanism
- Operating temperature range -40°C to 85°C
- Flamability rating UL94 V2
- Installation temperature range -40°C to 60°C



Part Number		Dimensions (mm)						Tensile strength (N)	Standard Pack Quantity
Natural	Black	B	A	C	F	G	Maximum Bundle Diameter		
1334541	1334542	2.5	100	1	6	4	21	180	100
1334543	1334544	2.5	200	1	6	4	50	180	100
1334545	1334546	3.5	140	1.15	6	4.5	34	250	100
1334549	1334550	3.5	295	1.15	6	4.5	82	250	100
1334551	1334552	4.5	200	1.3	7	5.7	50	360	100
1334555	1334556	4.5	290	1.3	7	5.7	80	360	100
1334557	1334558	4.5	365	1.3	7	5.7	102	360	100
1334559	1334560	7.5	220	1.5	10.9	8	55	780	100
1334561	1334562	7.5	360	1.5	10.9	8	100	780	100

## Black Polypropylene Cable Ties

SR 1817

Polypropylene

- Resistant to chemicals such as hydrochloric acids, sodium chlorides and other basic salts
- Cable tie will float to the surface of most liquids
- Product moisture levels relatively unaffected by variations in moisture levels



Part Number	Dimensions (mm)			Tensile strength (N)	Standard Pack Quantity
	Length	Width	Maximum Bundle Diameter		
1293369	150	3.6	36	8	100
1293370	200	4.6	52	10	100
1293371	250	4.8	68	10	100
1293372	240	7.6	61	23	100
1293373	300	7.6	80	23	100
1293374	380	7.6	105	23	100
1293375	550	8	160	23	100



# KEEP YOUR CABLES SAFE AND SECURE

Our extensive range of cable ties makes it easy for you to protect your cables while keeping them neat. Check out our Universal Bushes with an easy-to-push-in design. It locks into place to insulate your cables while protecting them from machine vibrations.

Our Strain Relief Bushes prevent damage and accidental disconnections, while our Grommets are perfect for protecting wires and cables passing through panels.

## Metal Detectable Cable Ties

SR 1747

### Nylon 6.6 with metal particles and Polypropylene

#### Type 1 – Non releasable head

Part Number	Material	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Minimum Tensile Strength (N)	Standard Pack Quantity
			Length	Width		
494659	Nylon	16	92	2.4	80	100
494660	Nylon	35	145	3.4	225	100
494661	Nylon	35	150	3.5	135	100
494662	Nylon	50	200	4.6	225	100
494663	Nylon	47	185	4.6	225	100
494664	Nylon	110	390	4.6	225	100
494666	Nylon	109	377	4.7	225	100
494667	Nylon	110	390	7.6	225	100

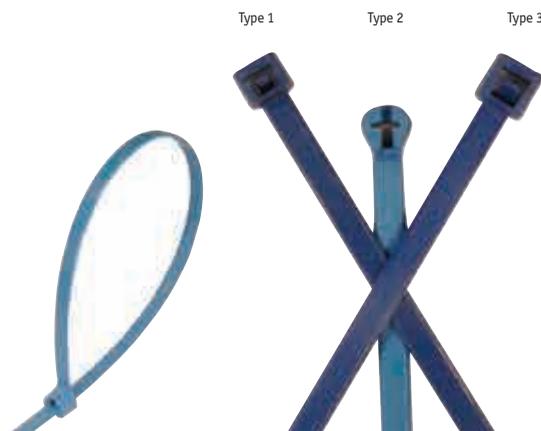
#### Type 2 – Metal tooth head

Part Number	Material	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Minimum Tensile Strength (N)	Standard Pack Quantity
			Length	Width		
494668	Nylon	16	92	2.4	80	100
494669	Nylon	45	186	4.8	220	100
494670	Nylon	102	360	4.8	220	100
494665	Nylon	90	340	7.0	540	100
494671	Polypropylene	16	92	2.4	50	100
494672	Polypropylene	45	186	4.8	130	100
494674	Polypropylene	102	360	4.8	130	100
494673	Polypropylene	90	340	7.0	270	50

#### Type 3 – Releasable head

Part Number	Material	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Minimum Tensile Strength (N)	Standard Pack Quantity
			Length	Width		
494675	Nylon	50	250	4.7	225	100

- For use in food and pharmaceutical industries – total metal dispersion throughout the entire body of the tie
- X-ray visible
- Blue colour assists detection
- Can be used as part of the HACCP process
- Halogen free
- Available in three different head styles
- Flammability UL94 HB rating
- Operating temperature: -40°C to +85°C (continuous)
- Detectable by metal detectors set at a minimum of 1.5mm diameter ferrus sphere



## Cable Ties with Stainless Steel Tooth

SR 1792

### Nylon 6.6 with stainless steel tooth

- For durable locking in adverse conditions such as humidity, heat, cold, vibration and shock
- The corrosion proof, non magnetic steel tooth firmly anchors inside the cable tie body for a secure lock
- Operating temperature: -40°C to 85°C
- Flammability rating UL 94 V2



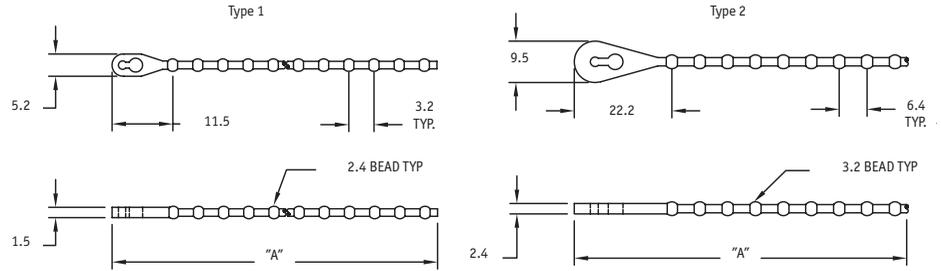
Part Number		Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Black	Natural		Length	Width		
495186	495185	24	100	2.5	18/8	100
495188	-	53	200	2.5	18/8	100
495190	495189	35	150	3.6	18/40	100
495192	495191	53	200	3.6	18/40	100
495194	495193	80	280	3.6	18/40	100
495196	495195	53	200	4.8	22/50	100
495198	495197	78	290	4.8	22/50	100
495200	-	102	360	4.8	22/50	100

## Beaded Tie

SR 1818

BT

- Design allows ties to be easily applied and released
- Tie design prevents slipping



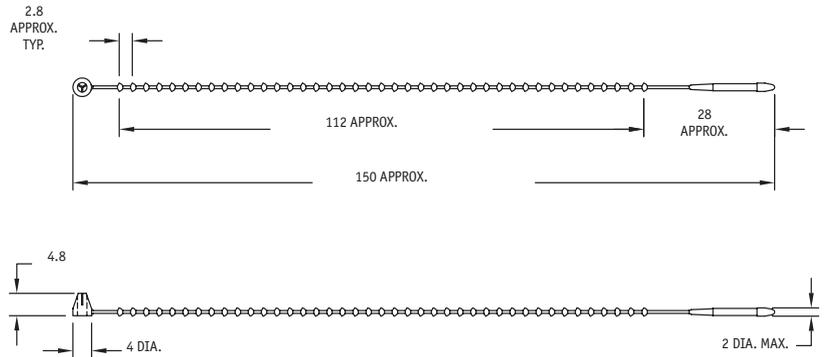
PP, RMS-10				UL94 V-2 Nylon 6/6, RMS-01		Type	Dimensions (mm)		Standard Pack Quantity
Red	Yellow	Blue	Black	Black	Natural		A	Max. Bundle Ø (requires three bead engagement)	
BT-2-10-RD	BT-2-10-YL	BT-2-10-BL	BT-2-10-BK	BT-2-01-BK	BT-2-01-NT	1	63.5	14.3	1000
BT-4-10-RD	BT-4-10-YL	BT-4-10-BL	BT-4-10-BK	BT-4-01-BK	BT-4-01-NT	1	101.6	25.4	1000
BT-5-10-RD	BT-5-10-YL	BT-5-10-BL	BT-5-10-BK	BT-5-01-BK	BT-5-01-NT	1	127.0	31.8	1000
BT-6-10-RD	BT-6-10-YL	BT-6-10-BL	BT-6-10-BK	BT-6-01-BK	BT-6-01-NT	1	152.4	44.5	1000
BT-8-10-RD	BT-8-10-YL	BT-8-10-BL	-	BT-8-01-BK	BT-8-01-NT	2	222.3	60.3	1000
BT-10-10-RD	BT-10-10-YL	BT-10-10-BL	BT-10-10-BK	BT-10-01-BK	BT-10-01-NT	2	273.1	85.7	1000
BT-12-10-RD	BT-12-10-YL	BT-12-10-BL	BT-12-10-BK	BT-12-01-BK	BT-12-01-NT	2	323.9	92.1	1000

## Locking Beaded Tie

SR 1819

LBT

Natural UL94 V-2 Nylon 6/6, RMS-01

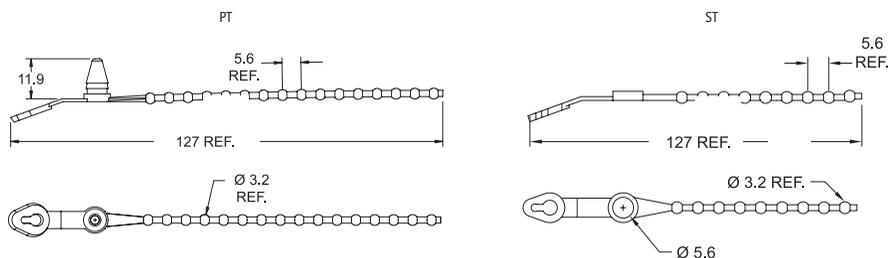


Part Number	Minimum Loop Tensile Strength (Kg)	Maximum Bundle Ø (mm)	Standard Pack Quantity
LBT-18-01	8	35.6	1000

## Beaded Wire Tie

SR 1820

PT/ST



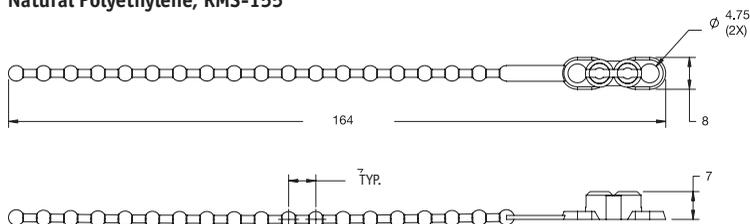
Part Number		Colour	Bundle Ø Range (mm)	Mounting Method	Panel Thickness (mm)	Standard Pack Quantity
PP RMS-10	UL94 V-2 Nylon 6/6. RMS-01					
PT-203	PT-303	Black	6.4 - 31.8	Snap-lock in a Ø 6.4 hole	0.8 - 3.2	1000
-	PT-305	Natural	6.4 - 31.8	Snap-lock in a Ø 6.4 hole	0.8 - 3.2	1000
ST-205	ST-305	Natural	6.4 - 31.8	Ø 5.6 clearance hole for screw	-	1000

## Beaded Hanking Tie

SR 1821

HTE

Natural Polyethylene, RMS-155



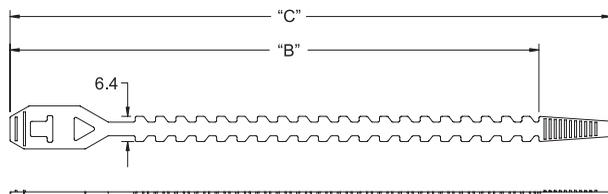
Part Number	Standard Pack Quantity
HTE-164-PE3L/1H	1000

## Hanking Tie

SR 1822

HT

Natural Polyethylene, RMS-134



Part Number	Dimensions (mm)			Standard Pack Quantity
	Maximum Bundle Ø	"B"	"C"	
HT-3.9	23	81	99	1000
HT-4.9	28	107	125	1000
HT-5.9	36	132	150	1000

# CABLE TIES

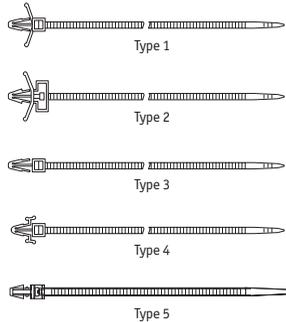
## Push Mount Ties

SR 1769

Natural and Black Nylon 6.6



- Benefits as standard version plus:
- Simple and easy to use
- Snap into holes and are then securely fixed to the panel
- Ties can be mounted to existing installations before final assembly
- Types 2 and 4 are releasable – ideal for use when maintenance repair work will be required or for temporary use
- Types 1, 3 and 5 – head profile holds tie securely in panel



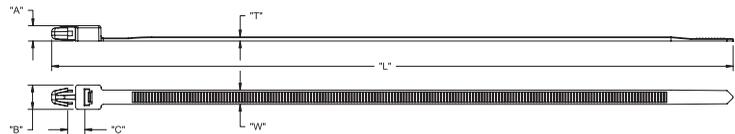
Natural	Black	Type	Dimensions (mm)			Tensile Strength lbs/kgs	Compatible Hole Diameter	Standard Pack Quantity
			Max. Cable Bundle Diameter	Length	Width			
462765	462704	1	25	112.0	2.5	18/8	4	100
462766	462705	1	30	132.0	4.8	50/22	6	100
462695	462706	1	36	157.0	3.5	40/18	4.8	100
462696	462707	1	50	201.0	4.8	50/22	6	100
461259	461278	2	37	152.5	7.9	30/13	5.4	100
462763	462702	3	30	132.0	4.8	50/22	5.4	100
462764	462703	3	50	202.0	4.8	50/22	6.4	100
462697	462708	4	30	131.0	3.7	40/18	4.8	100
462698	462709	4	38	157.5	3.7	40/18	4.8	100
462699	462710	4	50	207.0	3.7	40/18	4.8	100
461260	461279	5	40	168.0	3.8	40/18	4	100
462762	462701	5	50	203.0	4.8	50/22	6	100
462700	462761	5	50	203.0	4.8	50/22	4.8	100

## Push Mount Ties

SR 1823

WIT-50RLA

Natural UL94 V-2 Nylon 6/6, RMS-01



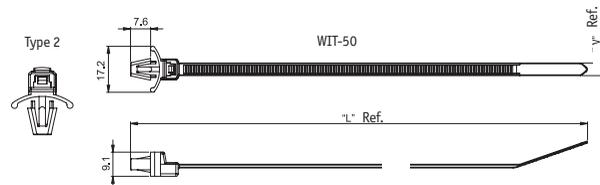
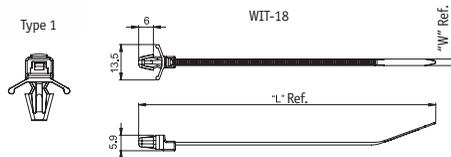
Part Number	Minimum Loop Tensile Strength (kg)	Dimensions (mm)								Standard Pack Quantity	
		"W"	"L"	"T"	Maximum Bundle Ø	"A"	"B"	"C"	Hole Ø		Panel Thickness
WIT-50RLA-2	22	4.8	170	1.3	38	6.5	8.1	6	6.35	3.2	1000
WIT-50RLA-3	22	4.8	200	1.3	44	6.5	8.1	6	6.35	3.2	1000

## Push Mount Ties

SR 1824

WIT-RA/WIT-SA

Natural UL94 V-2 Nylon 6/6, RMS-01



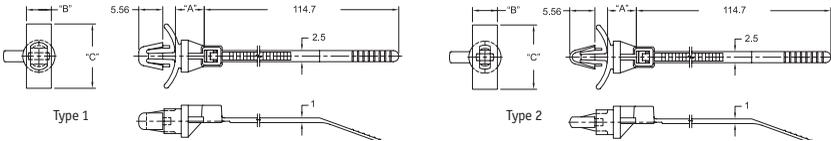
Part Number	Type	Minimum Loop Tensile Strength (kg)	Dimensions (mm)					Standard Pack Quantity
			"W"	"L"	Max. Bundle Ø	Hole Ø	Panel Thickness	
WIT-18RA-01	1	8	2.5	109	21	4.8	1.6	1000
WIT-50SA-01	1	22	4.8	133	23	6.4	1.6	1000
WIT-50SRA-01	1	22	4.8	173	36	6.4	1.6	1000
WIT-50RA-01	1	22	4.8	198	43	6.4	1.6	500
WIT-50SA-1-01	2	22	4.8	133	23	6.4-6.8	0.8-2	1000
WIT-50SRA-1-01	2	22	4.8	173	36	6.4-6.8	0.8-2	1000
WIT-50SRA-2-01	2	22	4.8	173	36	6.4-6.8	0.8-2.5	1000
WIT-50RA-1-01	2	22	4.8	198	43	6.4-6.8	0.8-2	500

**Push Mount Ties**

SR 1825

WIT-18RA

Natural UL94 V-2 Nylon 6/6, RMS-01



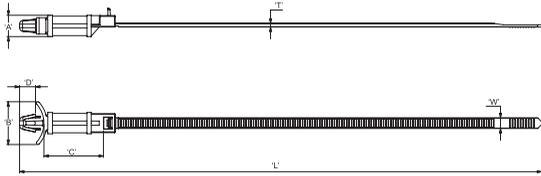
Part Number	Minimum Loop Tensile Strength (Kg)	Maximum Bundle Ø	Type	Dimensions (mm)					Standard Pack Quantity
				"A"	"B"	"C"	Hole Ø ± 0.08	Panel Thickness	
WIT-18RA-4-01-M	8	19.1	1	6.4	5.56	14.29	4.75	0.8 - 2.0	1000
WIT-18R1A-4-01	8	19.1	2	6.4	5.56	14.29	4.00	0.8 - 2.0	1000
WIT-18R2A-4-01	8	19.1	1	6.4	2.79	13.90	4.75	1.6 - 3.6	1000

**Push Mount Ties**

SR 1826

WIT-30RRA

Natural UL94 V-2 Nylon 6/6, RMS-01

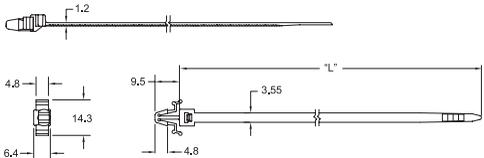


Part Number	Minimum Loop Tensile Strength (kg)	Dimensions (mm)									Standard Pack Quantity	
		'W'	'L'	'T'	Maximum Bundle Ø	'A'	'B'	'C'	'D'	Hole Ø ± 0.08		Panel Thickness
WIT-30RRA-4-M	13	3.6	160.3	1.3	31.8	7.1	14.3	7.1	5.3	4.80	0.8 - 2	1000
WIT-30RRA-8-M	13	3.6	166.7	1.3	31.8	7.1	14.3	13.5	5.3	4.80	0.8 - 2	1000
WIT-30RRA-12-M	13	3.6	173.0	1.3	31.8	7.1	14.3	19.8	5.3	4.80	0.8 - 2	1000
WIT-30RRA-16-M	13	3.6	179.4	1.3	31.8	7.1	14.3	25.4	5.3	4.80	0.8 - 2	1000
WIT-30RRAA-4-M	13	3.6	161.6	1.3	31.8	7.9	14.3	7.1	6.6	6.35	0.8 - 2	1000
WIT-30RRAA-8-M	13	3.6	168.0	1.3	31.8	7.9	14.3	13.5	6.6	6.35	0.8 - 2	1000
WIT-30RRAA-12-M	13	3.6	174.3	1.3	31.8	7.9	14.3	19.8	6.6	6.35	0.8 - 2	1000
WIT-30RRAA-16-M	13	3.6	180.7	1.3	31.8	7.9	14.3	25.4	6.6	6.35	0.8 - 2	1000

**Releasable Push Mount Ties**

SR 1827, WIT-30RAR/WIT-30LAR

Natural UL94 V-2 Nylon 6/6, RMS-01

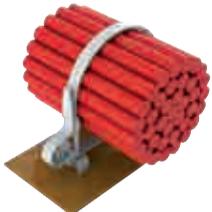
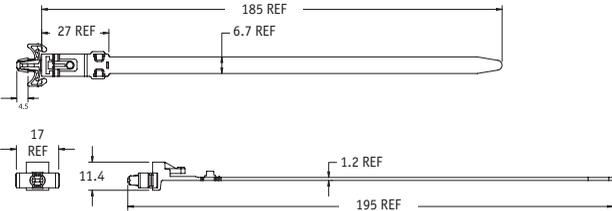


Part Number	Minimum Loop Tensile Strength (kg)	Dimensions (mm)				Standard Pack Quantity
		"L" Ref.	Max. Bundle Ø	Hole Ø ± 0.08	Panel Thickness	
WIT-30RAR1-2	13	120.7	25.4	4.8	2 - 2.4	1000
WIT-30LAR1-2	13	146	31.8	4.8	2 - 2.4	1000

**Releasable Push Mount Ties**

SR 1828, WIT-40LAR

Natural UL94 V-2 Nylon 6/6, RMS-01



Part Number	Minimum Loop Tensile Strength (Kg)	Dimensions (mm)			Standard Pack Quantity
		Max Bundle Ø	Hole Ø	Panel Thickness	
WIT-40LAR	18	50	4.8 ± .08	0.5-2.3	1000

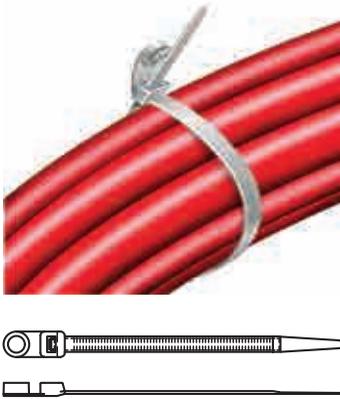
# CABLE TIES

## Screw Mount Ties

SR 1772

Natural and Black Nylon 6.6

- Benefits as standard version plus:
- Moulded fixing head
- Ideal for fixing to either metal or wooden panels
- Tie can be screwed or bolted down
- Can be fitted to existing installations before final assembly



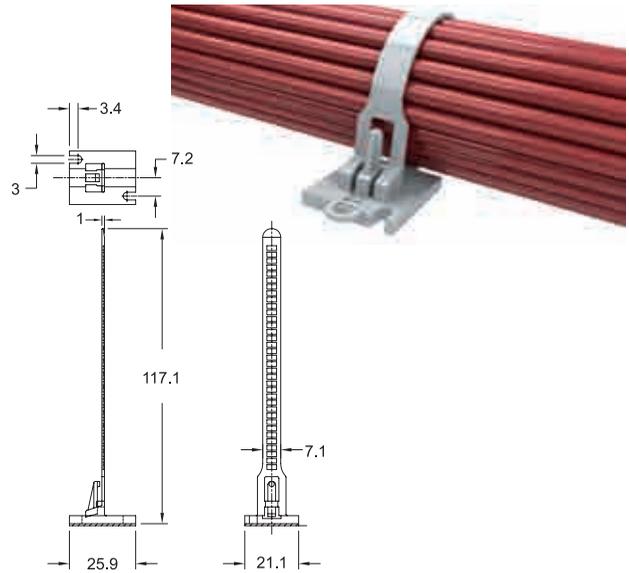
Part Number		Max. Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Black	Natural		Length	Width		
461261	461242	25.0	100.0	2.5	18/8	100
461262	461243	40.0	171.5	3.7	40/18	100
461263	461244	60.0	205.0	4.2	50/22	100
461264	461245	85.0	300.0	4.8	50/22	100
461265	461246	102.0	370.0	4.8	50/22	100
461266	461247	122.0	398.0	7.9	120/55	100

## Adhesive/Screw Mount Tie

SR 1829

TOBS

Natural UL94 V-2 Nylon 6/6, RMS-01



Part Number	Max. Bundle Ø (mm)	Mounting Screw	Standard Pack Quantity
TOBS-18-01A-RT	28.5	M2.5	1000

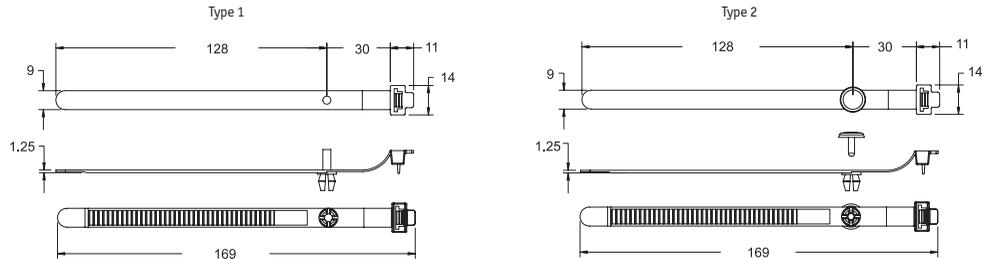
0.8 Thick Acrylic Adhesive Tape. RMS-15

## Rivet Mount Cable Tie

SR 1830

SRRCT

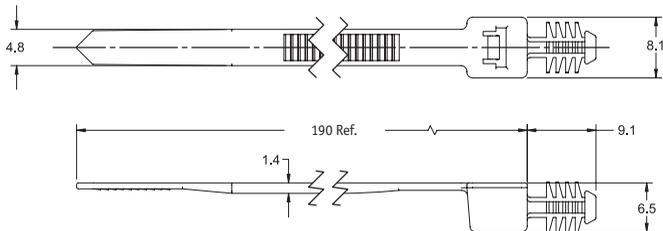
Grey UL94 V-2 Nylon 6/6, RMS-01



Part Number	Type	Maximum Loop Tensile Strength (N)	Dimensions (mm)			Rivet Pin Material	Standard Pack Quantity
			Maximum Bundle Ø	Hole Ø	Panel Thickness		
SRRCT-1	1	250	40	7	2.5	RMS-01	200
SRRCT-2	2	250	40	7	2.5	RMS-52	200

### Blind Hole Mount Cable Ties

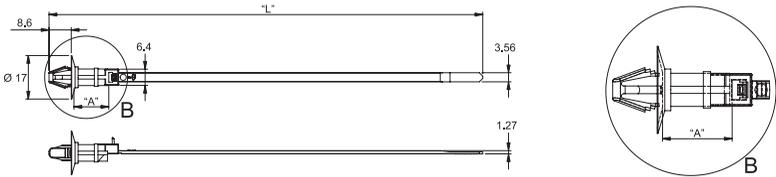
SR 1831  
WITBH



Part Number		Maximum Loop Tensile Strength (Kg)	Dimensions (mm)			Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6. RMS-01l	Black UL94 V-2 Heat Stabilised Nylon 6/6. RMS-47		Maximum Bundle Ø	Hole Ø	Minimum Panel Thickness	
WITBH-50R	WITBH-50R-HS	22	44.5	6.35	6.35	1000

### Cupped Cable Ties

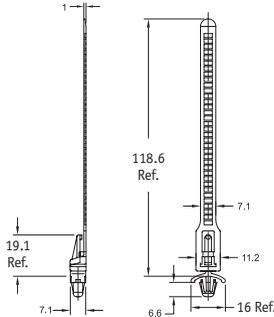
SR 1832  
WIT-30RCA



Part Number				Minimum Loop Tensile Strength (kg)	Dimensions (mm)					Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6. RMS-01	Black UL94 V-2 UV Stabilised Nylon 6/6. RMS-46	Black UL94 V-2 Heat Stabilised Nylon 6/6. RMS-47	Natural UL94 V-0 Nylon 6/6. RMS-19		"L"	Bundle Ø	"A"	Hole Ø	Panel Thickness	
WIT-30RCA-4-M	WIT-30RCA-4UVB	WIT-30RCA-4-HS	WIT-30RCA-4-V-M	13	160.7	31.8	7.1	6-6.5	0.6 - 2.5	1000
WIT-30RCA-8-M	WIT-30RCA-8UVB	WIT-30RCA8-HS-M	WIT-30RCA-8-V-M	13	168.3	31.8	13.5	6-6.5	0.6 - 2.5	1000
WIT-30RCA-12-M	-	WIT-30RCA12-HSM	WIT-30RCA-12-VM	13	174.6	31.8	19.8	6-6.5	0.6 - 2.5	1000
WIT-30RCA-16-M	-	WIT-30RCA16-HSM	WIT-30RCA-16-VM	13	180.2	31.8	25.4	6-6.5	0.6 - 2.5	1000

### Tie On Push Mount Cable Ties

SR 1833  
TOAH  
Natural UL94 V-2 Nylon 6/6, RMS-01



Part Number	Dimensions (mm)			Standard Pack Quantity
	Max. Bundle Ø	Hole Ø	Panel Thickness	
TOAH-18-01	28.5	6.35	1.6	1000

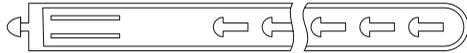
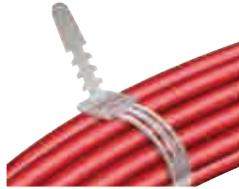
# CABLE TIES

## Belt Ties

SR 1776

PE

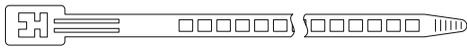
- For simple bundling of electrical wires
- Flexible design
- Quick release



Type 1



Type 2



Type 3

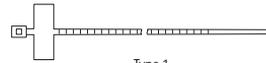
Part Number		Type	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tensile lbs/kg	Standard Pack Quantity
Black	Natural			Length	Width		
-	462689	1	35.0	130.0	15.0	30/14	100
462693	462690	2	45.0	160.0	9.0	18/8	100
462694	462691	3	38.0	140.0	9.0	18/8	100

## Marker Ties

SR 1777

Natural Nylon 6.6

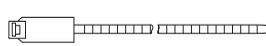
- Benefits as standard version plus:
- Identification tag can be written on
- Printing available on request (minimum order quantities apply)



Type 1



Type 2



Type 3



Type 4

Part Number	Type	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Tag Size (mm)	Tensile lbs/kg	Standard Pack Quantity
			Length	Width			
462671	1	25.0	100.0	2.5	25 x 8	18/8	100
462672	1	50.0	200.0	2.5	30 x 15	18/8	100
462673	2	25.0	110.0	2.5	25 x 8	18/8	100
462674	3	50.0	200.0	4.6	28 x 13	50/22	100
462675	3	75.0	270.0	4.6	28 x 13	50/22	100
462676	4	25.0	130.0	2.5	28 x 20	18/8	100

## Heavy Duty Strap and Buckle

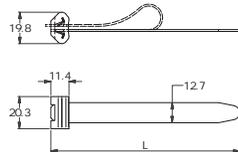
SR 1884

HDSB

Head: Black High Impact UV Stabilized Acetal

Strap: See Table

- For heavy duty applications
- Steel teeth on the buckle grip the strap permanently
- Buckle is preassembled on one end of the strap
- Nylon strap material is high strength, lightweight and more cost effective than the acetal version
- Acetal strap material has excellent weatherability, superior dimension stability and low-temperature toughness



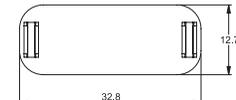
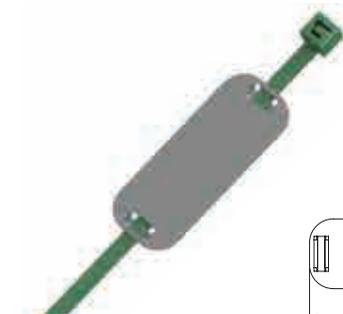
Part Number		Tensile lbs/kg	L (mm)	Maximum Cable Bundle Diameter (mm)	Standard Pack Quantity
Strap: UL94 V-2 Nylon 6/6	Strap: High Impact UV Stabilised Acetal				
HDSB1-350-R	HDSB2-350-R	350/159	381.0	101.6	50
HDSB1-350-L	HDSB2-350-L	350/159	838.2	246.4	25
HDSB1-350-XL	HDSB2-350-XL	350/159	1270.0	383.5	25

## Cable Tie Marker Tag

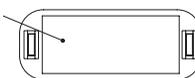
SR 1885

WIT-MK

Natural UL94 V-2 Nylon 6/6, RMS-01



MATTED SURFACE TO ACCEPT INK OR PENCIL



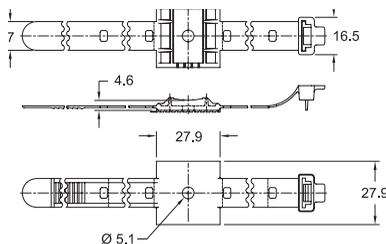
Part Number	Cable Ties Accepted	Standard Pack Quantity
WIT-MK-1	All RG cable ties up to size RG-207/307	1000

## Universal Mounting Strap

SR 1886

UMS

Natural UL94 HB Nylon 6/6, RMS-45



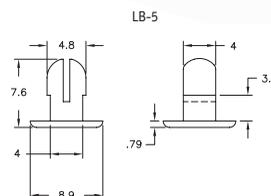
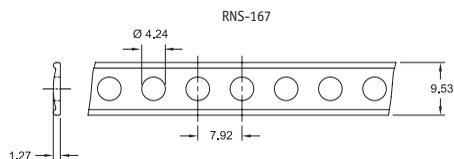
Part Number		Maximum Bundle Ø (mm)	Mounting Screw/Rivet	Standard Pack Quantity
Without Adhesive	With Acrylic Adhesive, RMS-15			
UMS-16-45	UMS-16-45A-RT	25.4	M4	100
UMS-24-45	UMS-24-45A-RT	38.1	M4	100
UMS-32-45	UMS-32-45A-RT	50.8	M4	100

For Panel Thickness (mm)	Rivet Number
Up to 0.5	SR-5045
0.5 - 1.5	SR-5055
1.5 - 2.5	SR-5065
2.5 - 3.5	SR-5075
3.5 - 4.5	SR-5085
4.5 - 5.5	SR-5095
5.5 - 6.4	SR-5105

## Nylon Strap and Locking Button

SR 1888

RNS/LB



Part Number	Material	Colour	Standard Pack Quantity
RNS-167	UL94 HB Nylon 6/6, RMS-17	Black	30m Roll
LB-5	UL94 V-2 Nylon 6/6, RMS-01	Black	100/Bag

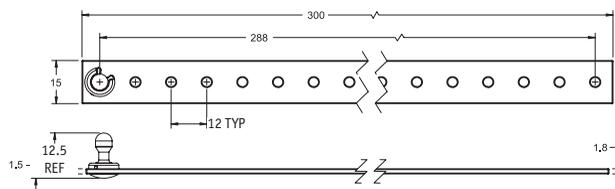
## Elastomer Strap

SR 1889

ES

Strap: Silicone Rubber, 50 Shore A, RMS-417

Latch Pin: Black UL94 HB Nylon 6/6, RMS-148



Part Number	Maximum Bundle	Standard Pack Quantity
ES-1	Ø110mm or 345mm perimeter	100

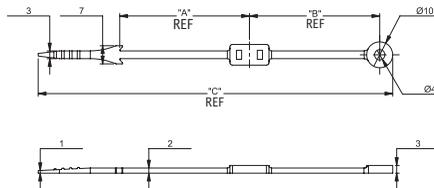
For additional Latch Pins, order part number CS-113-6

## Elastomer Lanyard

SR 2000

ELT

Black EPDM, 50 Shore A



- Elastomer linking tie designed to connect and secure two separate components
- Securing loop on one end and mounting hole on the other provide secure fix to connecting objects
- Double fixing slots on securing loop reduce risk of failure for heavy duty applications
- Accommodates a wide range of applications from cables and dust caps to enclosures and lids
- For heavy duty applications secure the loop through both fixing slots for safe mounting
- Manufactured in flexible EPDM material and can stretch up to three times its nominal length

Part Number	Dimensions (mm)			Standard Pack Quantity
	"A" Ref.	"B" Ref.	"C" Ref.	
ELT-50	50	50	136	1000
ELT-100	100	100	236	1000

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## Hook & Loop Cable Tie

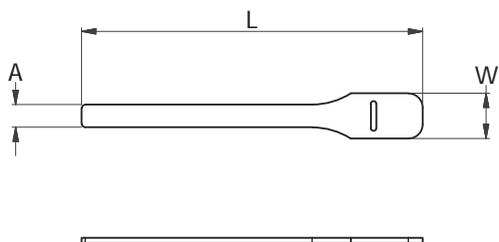
SR 2001

RKW

Loop: Nylon Knit

Hook: Low Density Polyethylene

- Easily assembled and removed
- Can be fastened and released several times



Dimensions (mm)				Screw Mount	Dimensions (mm)			Maximum Cable Bundle Diameter (mm)	Standard Pack Quantity
Black	Blue	Green	Grey		L	A	W		
RKW-6-6-BK	RKW-6-6-BL	RKW-6-6-GN	RKW-6-6-GY	No	152.4	9.5	19.1	35.6	10
RKW-8-6-BK	RKW-8-6-BL	RKW-8-6-GN	RKW-8-6-GY	No	152.4	12.7	12.7	35.6	10
RKW-8-8-BK	RKW-8-8-BL	RKW-8-8-GN	RKW-8-8-GY	Yes	203.2	12.7	12.7	48.7	10
RKW-8-9-BK	RKW-8-9-BL	RKW-8-9-GN	RKW-8-9-GY	Yes	228.6	12.7	12.7	54.4	10
RKW-8-11-BK	RKW-8-11-BL	RKW-8-11-GN	RKW-8-11-GY	No	279.4	12.7	12.7	66.5	10
RKW-8-12-BK	RKW-8-12-BL	RKW-8-12-GN	RKW-8-12-GY	Yes	304.8	12.7	12.7	72.5	10
RKW-8-13-BK	RKW-8-13-BL	RKW-8-13-GN	RKW-8-13-GY	Yes	330.2	12.7	12.7	86.3	10
RKW-12-9-BK	RKW-12-9-BL	RKW-12-9-GN	RKW-12-9-GY	Yes	228.6	19.1	38.1	54.4	10
RKW-12-13-BK	RKW-12-13-BL	RKW-12-13-GN	RKW-12-13-GY	Yes	330.2	19.1	38.1	86.3	10
RKW-12-15-BK	-	RKW-12-15-GN	RKW-12-15-GY	No	381.0	19.1	38.1	99.5	10
RKW-12-18-BK	RKW-12-18-BL	RKW-12-18-GN	RKW-12-18-GY	No	457.2	19.1	38.1	119.8	10
RKW-12-24-BK	RKW-12-24-BL	RKW-12-24-GN	RKW-12-24-GY	No	609.6	19.1	38.1	159.7	10

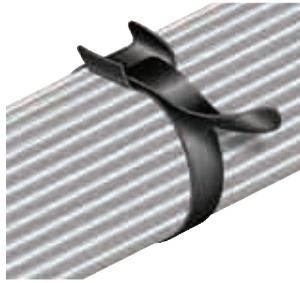
Dimensions (mm)				Screw Mount	Dimensions (mm)			Maximum Cable Bundle Diameter (mm)	Standard Pack Quantity
Orange	Red	White	Yellow		L	A	W		
RKW-6-6-OR	RKW-6-6-RD	RKW-6-6-W	RKW-6-6-YL	No	152.4	9.5	19.1	35.6	10
RKW-8-6-OR	RKW-8-6-RD	RKW-8-6-W	RKW-8-6-YL	No	152.4	12.7	12.7	35.6	10
RKW-8-8-OR	RKW-8-8-RD	RKW-8-8-W	RKW-8-8-YL	Yes	203.2	12.7	12.7	48.7	10
RKW-8-9-OR	RKW-8-9-RD	RKW-8-9-W	RKW-8-9-YL	Yes	228.6	12.7	12.7	54.4	10
RKW-8-11-OR	RKW-8-11-RD	RKW-8-11-W	RKW-8-11-YL	No	279.4	12.7	12.7	66.5	10
RKW-8-12-OR	RKW-8-12-RD	RKW-8-12-W	RKW-8-12-YL	Yes	304.8	12.7	12.7	72.5	10
RKW-8-13-OR	RKW-8-13-RD	RKW-8-13-W	RKW-8-13-YL	Yes	330.2	12.7	12.7	86.3	10
RKW-12-9-OR	RKW-12-9-RD	RKW-12-9-W	RKW-12-9-YL	Yes	228.6	19.1	38.1	54.4	10
RKW-12-13-OR	RKW-12-13-RD	RKW-12-13-W	RKW-12-13-YL	Yes	330.2	19.1	38.1	86.3	10
RKW-12-15-OR	RKW-12-15-RD	RKW-12-15-W	RKW-12-15-YL	No	381.0	19.1	38.1	99.5	10
RKW-12-18-OR	RKW-12-18-RD	RKW-12-18-W	RKW-12-18-YL	No	457.2	19.1	38.1	119.8	10
RKW-12-24-OR	RKW-12-24-RD	RKW-12-24-W	RKW-12-24-YL	No	609.6	19.1	38.1	159.7	10

# CABLE TIES

## Hook & Loop Ties

SR 1785

Black



- Will not crush the cables being tied
- Ideal for fragile cables

Part Number	Maximum Cable Bundle Diameter (mm)	Dimensions (mm)		Standard Pack Quantity
		"A" ±3.2	"W" ±3.2	
462711	30.0	125.0	12.0	20
462712	33.0	135.0	12.0	20
462713	40.0	180.0	12.0	20
462714	50.0	210.0	16.0	20
462715	85.0	310.0	16.0	20

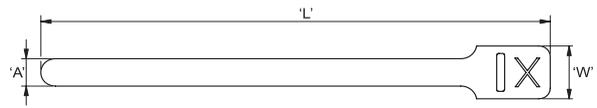
## Screw/Rivet Mount Kwik Wrap

SR 2002

RKWA

Blue UL94 V-2 Nylon Knit Loop, RMS-312

Laminated on PE/PP Hook, RMS-342



Part Number	Dimensions (mm)				Standard Pack Quantity
	"A" ±3.2	"L" ±12.7	Max. Bundle Ø	"W" ±3.2	
RKWA-9-152-BK	9	152	35	17	100
RKWA-13-225-BK	13	225	60	25	100
RKWA-13-325-BK	13	325	90	25	100

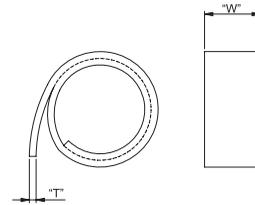
## Kwik Wrap on a Roll Hook & Loop

SR 2003

RKWRA

Black UL94 V-2 Nylon Knit Loop, RMS-312

Laminated on PE/PP Hook, RMS-342



Part Number	Dimensions (mm)		Standard Pack Quantity
	"W"	"T"	
RKWRA-09-BK	9	3	100m (4 reels x 25m)
RKWRA-16-BK	16	3	50m (2 reels x 25m)
RKWRA-20-BK	20	3	50m (2 reels x 25m)
RKWRA-25-BK	25	3	50m (2 reels x 25m)

## Kwik Wrap on Base Hook & Loop

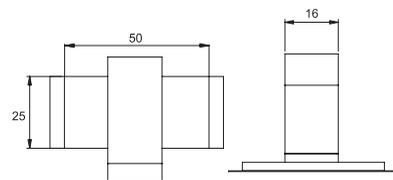
SR 2004

RKWBA

Black UL94 V-2 Nylon Knit Loop, RMS-312;

Laminated on PE/PP Hook, RMS-342

Adhesive RMS-313



Part Number	Strap Length (mm)	Max. Bundle Ø (mm)	Standard Pack Quantity
RKWBA-16-300	150	40	500

## Kwik Wrap D Style Hook & Loop

SR 2005

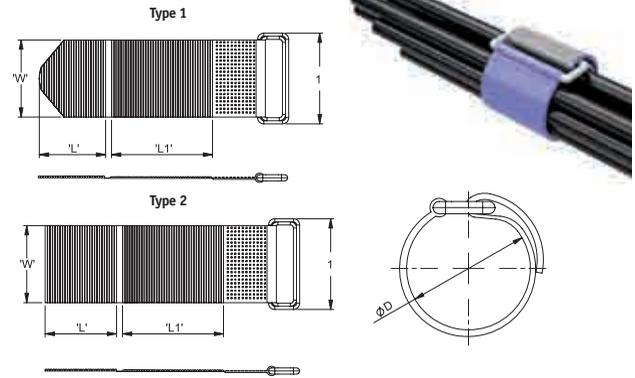
RKWDA

Buckle: Black Nylon, RMS-363

Black UL94 V-2 Nylon Knit Loop, RMS-312

Laminated on a PE/PP Hook, RMS-342

Part Number	Dimensions (mm)				Type	Standard Pack Quantity
	"W"	"L"	"L1"	"D" Bundle Ø Range		
1347341	24	90	210	45-75	1	500
1347342	28	70	230	45-75	1	500
1347343	33	90	210	65-105	2	500



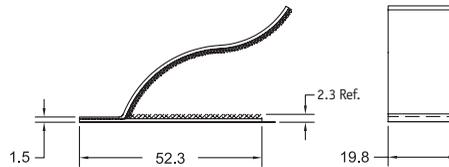
## Kwik Wrap on Adhesive Hook & Loop

SR 2006

RKWFA

Black LDPE Hook, RMS-249; Nylon Knit Loop,

RMS-251; Acrylic Adhesive, RMS-113



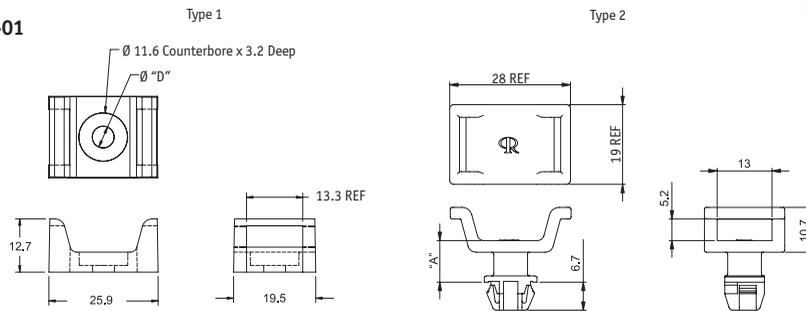
Part Number	Holding Ø (mm)	Standard Pack Quantity
RKWFA-16-300	19.05 maximum	100

## Flat Tie Holder for Kwik Wrap

SR 2007

FTH-27

UL94 V-2 Nylon 6/6, RMS-01



MOUNTING RIVETS FOR FTH-27-RS-01		
Panel Thickness (mm)	Panel Hole Ø (mm)	Rivet Number
0.9 - 1.9	5.1	SR-5055
1.9 - 2.9	5.1	SR-5065
2.9 - 3.9	5.1	SR-5075
3.9 - 4.9	5.1	SR-5085
4.9 - 5.9	5.1	SR-5095
5.9 - 6.9	5.1	SR-5105

Part Number	Type	Colour	"D"	"A"	Mounting Method	Panel Thickness	Accepts RKW ties	Standard Pack Quantity
FTH-27-RS-01	1	Natural	5.2	-	M5 Screw or Rivets (see table)	-	Up to 13mm wide	1000
FTH-27-12-01	1	Natural	5.8	-	M5 Screw	-	Up to 13mm wide	1000
FTH-27-1-01BK	2	Black	-	3	9.5 ± 0.08 Square Hole	0.8-2	Up to 13mm wide	500
FTH-27-2-01BK	2	Black	-	10	9.5 ± 0.08 Square Hole	0.8-2	Up to 13mm wide	500

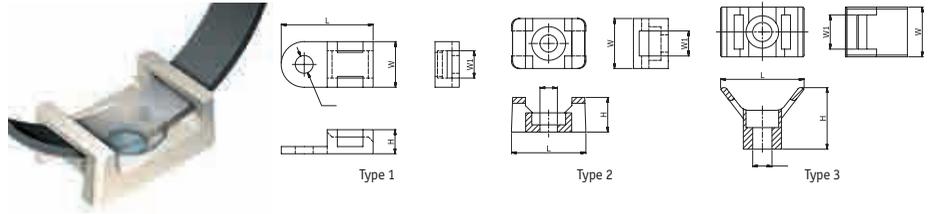
# CABLE MOUNTS

## Screw Mount Cable Tie Holder

SR 1719

Nylon 6.6

- Easy screw fixing
- Gives maximum stability to wire bundle
- Flammability rating UL94 V2

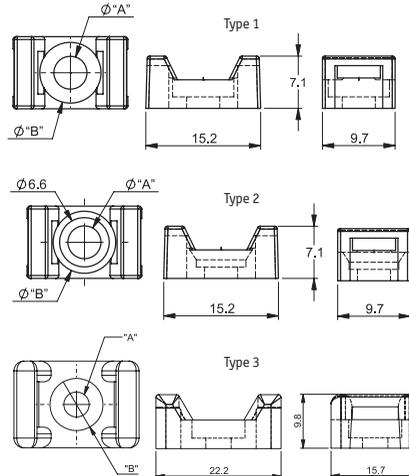


Dimensions (mm)		Tie Size (mm)	Dimensions (mm)				Panel Hole Size (mm)	Type	Standard Pack Quantity
Natural	Black		w1	L	H	W			
460335	494649	2.4-4.8	5.0	19.0	5.0	9.5	3.4	1	100
460336	494650	2.4-4.8	5.0	15.0	7.0	10.0	3.0	2	100
460337	494651	2.4-9	9.0	23.0	9.8	16.0	6.0	2	100
460338	494652	2.4-9	9.5	23.0	17.5	13.8	5.3	3	100
460339	494653	2.4-9	9.3	30.0	11.6	14.7	5.2	3	100

## Screw Mount Cable Tie Holder

SR 2008

FTH-13/FTH-14



Mounting Rivets for FTH -13R-01		
Rivet Number	Hole Ø (mm)	Panel Thickness (mm)
SR-4050	4.1	0.5 - 1.5
SR-4060	4.1	1.5 - 2.5
SR-4070	4.1	2.5 - 3.5
SR-4080	4.1	3.5 - 4.5
SR-4100	4.1	5.5 - 6.5

Mounting Rivets for FTH -14R-01		
Rivet Number	Hole Ø (mm)	Panel Thickness (mm)
SR-5055	5.1	0.5 - 1.5
SR-5065	5.1	1.2 - 2.2
SR-5075	5.1	2.2 - 3.2
SR-5085	5.1	3.2 - 4.2
SR-5095	5.1	4.2 - 5.2
SR-5105	5.1	5.2 - 6.2

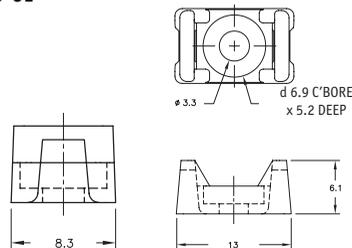
Part Number			Type	Dimensions (mm)			Mounting Methods	Standard Pack Quantity
Natural UL94 V2 Nylon 6/6, RMS-01	Black UL94 V2 Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19		Ø "A"	Ø "B"	Max Cable Tie Width Accepted		
FTH-13R-01-M	FTH-13R-01BK-M	FTH-13R-19-M	1	4.3	8.1 Counterbore	5.3	M4 screw or rivet (above)	1000
FTH-13S-01-M	FTH-13S-01BK-M	FTH-13S-19-M	2	4.3	8.1 Countersink	5.3	M3/M4	1000
FTH-14R-01-M	FTH-14R-01BK-M	FTH-14R-19-M	3	5.2	9.5 Counterbore	8.2	M5 screw or rivet (above)	1000
FTH-14S-01-M	FTH-14S-01BK-M	FTH-14S-19-M	3	6.6	12.5 Counterbore	8.2	M6	1000

## Screw Mount Cable Tie Holder

SR 2009

FTH-28

Natural UL94 V-2 Nylon 6/6, RMS-01



Part Number	Max Cable Tie Width Accepted (mm)	Mounting Screw/Rivet	Standard Pack Quantity
FTH-28RS-01	3.2	M3 screw or rivets (see table)	1000

Mounting Rivets for FTH -28RS		
Rivet Number	Hole Ø (mm)	Panel Thickness (mm)
SR-3035	3.1-3.2	Up to 0.9
SR-3045	3.1-3.2	0.9-1.9
SR-3055	3.1-3.2	1.9-2.9
SR-3065	3.1-3.2	2.9-3.9
SR-3075	3.1-3.2	3.9-4.9
SR-3080	3.1-3.2	4.4-5.4
SR-3090	3.1-3.2	5.4-6.4
SR-3100	3.1-3.2	6.4-7.4

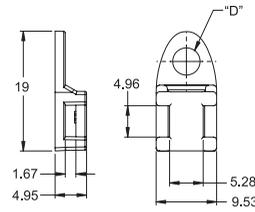
### Screw Mount Cable Tie Holder

SR 2010

FTH-34/FTH-35

Natural UL94 V-2 Nylon 6/6, RMS-01

Part Number	"D" (mm)	Max Cable Tie Width Accepted (mm)	Mounting Screw	Standard Pack Quantity
FTH-34-01	4.3	4.8	M4	1000
FTH-35-01	5.1	4.8	M5	1000



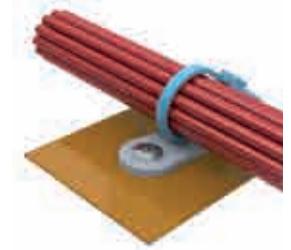
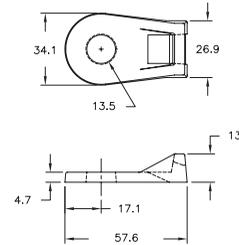
### Screw Mount Cable Tie Holder

SR 2013

FTH-17

Natural UL94 V-2 Nylon 6/6, RMS-01

Part Number	Max Cable Tie Width Accepted (mm)	Standard Pack Quantity
FTH-17-8-01	13.5	100



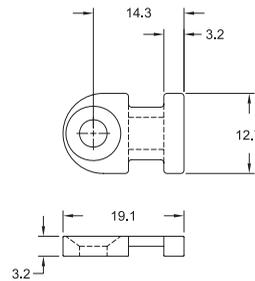
### Screw Mount Cable Tie Holder

SR 2015

FTH-1

Natural UL94 V-2 Nylon 6/6, RMS-01

Part Number	Max Cable Tie Width Accepted (mm)	Mounting Screw	Standard Pack Quantity
FTH-1-01-M	4.8	M4 Flat Head Screw	1000



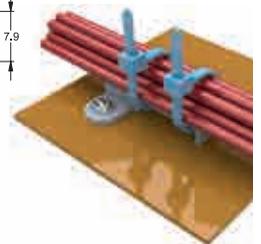
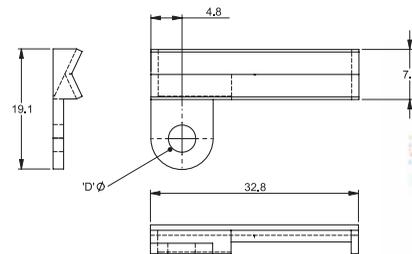
### Screw Mount Cable Tie Holder

SR 2017

FTH-11

Natural UL94 V-2 Nylon 6/6, RMS-01

Part Number	"D" (mm)	Max Cable Tie Width Accepted (mm)	Standard Pack Quantity
FTH-11-8-01	4.3	18.9	100



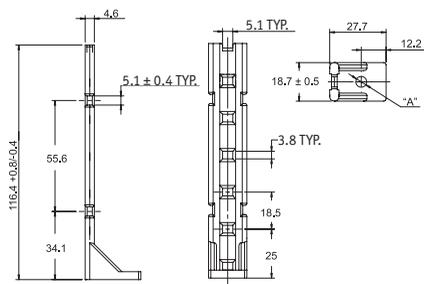
### Screw Mount Cable Tie Holder

SR 2020

FTH-24

Natural UL94 V-2 Nylon 6/6, RMS-01

Part Number	"A" (mm)	Max Cable Tie Width Accepted (mm)	Mounting Screw	Standard Pack Quantity
FTH-24-01	5.3	4.9	M5	100
FTH-24-1-01	6.4	4.9	M6	100



# CABLE MOUNTS

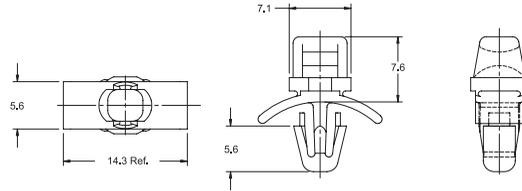
## Push Mount Cable Tie Holder

SR 2022

FTH-3

Natural UL94 V-2 Nylon 6/6, RMS-01

 UL # E71558



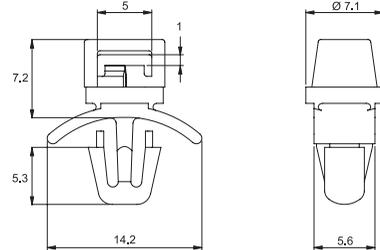
Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Ø	Panel Thickness	Max Cable Tie Width Accepted	
FTH-3-01-M	4.75 ± 0.08	0.79 - 1.98	3.5	1000

## Push Mount Cable Tie Holder

SR 2023

FTH-3A

Natural UL94 V-2 Nylon 6/6, RMS-01

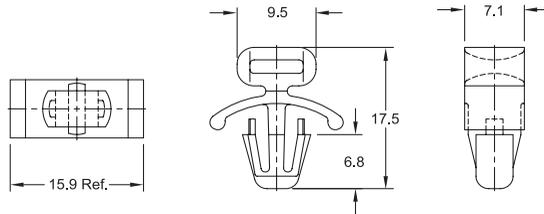


Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Ø	Panel Thickness	Max Cable Tie Width Accepted	
FTH-3A-01	5.3 ± 0.08	0.8-2	4.8	1000

## Push Mount Cable Tie Holder

SR 2024

FTH-6



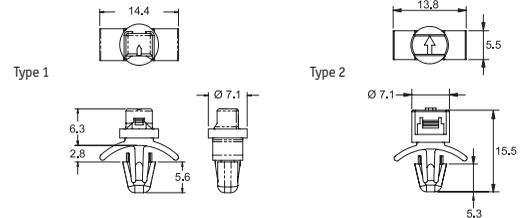
Part Number		Colour	Dimensions (mm)			Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		Hole Ø	Panel Thickness	Max. Cable Tie Width Accepted	
FTH-6-01-M	FTH-6-19-M	Natural	6.35 ± 0.08	1.19-2.77	6.6	1000
FTH-6-01BK-M	-	Black	6.35 ± 0.08	1.19-2.77	6.6	1000

## Push Mount Cable Tie Holder

SR 2025

FTH-30

Natural UL94 V-2 Nylon 6/6, RMS-01



Part Number	Type	Dimensions (mm)			Standard Pack Quantity
		Hole Ø	Panel Thickness	Max Cable Tie Width Accepted	
FTH-30-01	1	4.76	0.8-2	2.5	1000
FTH-30-1-01	2	4.76	0.8-2	2.5	1000

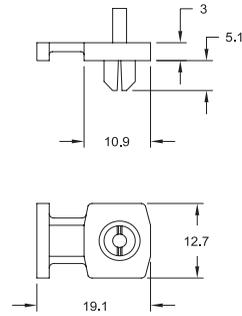
### Push Mount Cable Tie Holder

SR 2026

FTH-22

Yellow UL94 V-2 Nylon 6/6, RMS-01

Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Ø	Panel Thickness	Max Cable Tie Width Accepted	
FTH-22-01	5±0.05	0.8 - 3.2	5.4	1000

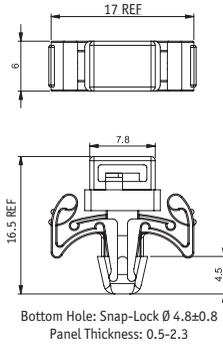


### Push Mount Cable Tie Holder

SR 2027

FTH-41

Part Number		Max Cable Tie Width Accepted (mm)	Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6, RMS-01	Natural UL94 V-0 Nylon 6/6, RMS-19		
FTH-41-01	FTH-41-19	5.6	1000



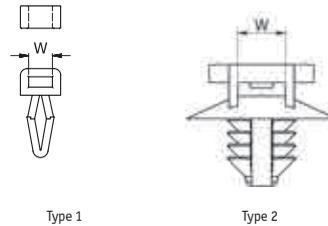
### Push Mount Cable Tie Holder

SR 1720

Nylon 6.6

- Easy one-push fit
- Flammability rating UL94 V2

Part Number		Type	W (mm)	Panel Hole Size (mm)	Standard Pack Quantity
Natural	Black				
142004000002	142004059902	1	4.0	3.2	500
142008000002	142008059902	1	8.1	6.4	500
-	462716	2	5.0	7.6	100



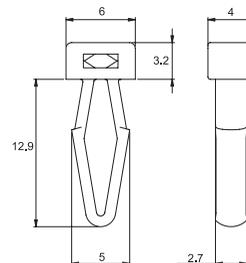
Type 2 - Black Nylon 6.6

### Cable Tie Holder

SR 2028

FTH-39

Part Number		Max Cable Tie Width Accepted (mm)	Hole Ø	Panel Thickness	Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6, RMS-01	Natural UL94 V-0 Nylon 6/6, RMS-19				
FTH-39-1-01	FTH-39-1-19	2.8	3.2	1 - 4.5	1000



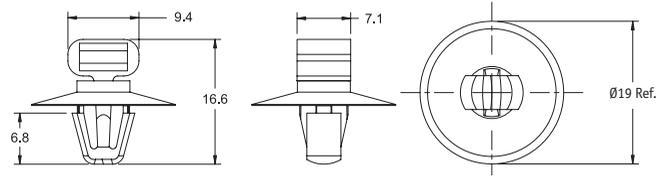
# CABLE MOUNTS

## Cupped Base Cable Tie Holder

SR 2029

FTH-29

Natural UL94 V-2 Nylon 6/6, RMS-01



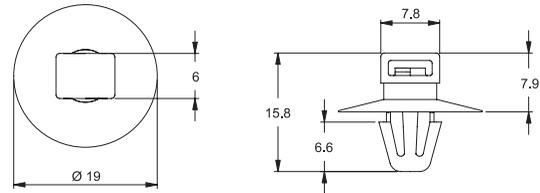
Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Ø	Panel Thickness	Max. Cable Tie Width Accepted	
FTH-29-01	6.35 ± 0.08	1.6	6	1000

## Cupped Based Cable Tie Holder

SR 2030

FTH-33

UL94 V-2 Nylon 6/6, RMS-01



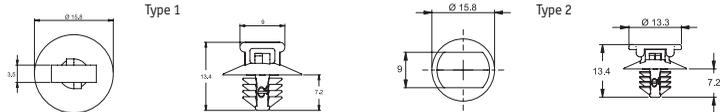
Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		Maximum Cable Tie Width Accepted	Hole Ø	Panel Thickness	Minimum Loop Tensile Strength (Kg)	"L"	Maximum Bundle Ø	
FTH-33-01	Natural	5.6	6.4	1.4 - 2	-	-	-	1000
FTH-33-1-ASS	Black	5.6	6.4	1.4 - 2	22.4	160	40	1000

## Cupped Based Cable Tie Holder

SR 2031

FTH-36/FTH-37

Black UL94 V-2 Nylon 6/6, RMS-01



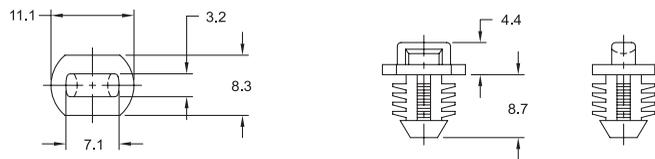
Part Number	Type	Dimensions (mm)						Standard Pack Quantity
		Max Cable Tie Width Accepted	Min. Loop Tensile Strength (kg)	"L" Length Ref.	Max. Bundle Ø	Hole Ø	Panel Thickness	
FTH-36-01BK	1	4.8	-	-	-	6.5-7	0.8-3	1000
FTH-36-1-ASS	1	Pre-Assembled with Cable Tie RG-311	22.4	160	40	6.5-7	0.8-3	1000
FTH-37-01BK	2	4.8	-	-	-	6.5-7	0.8-3	1000
FTH-37-1-ASS	2	Pre-Assembled with Cable Tie RG-311	22.4	160	40	6.5-7	0.8-3	1000

## Blind Hole Cable Tie Holder

SR 2032

FTH-15

Natural



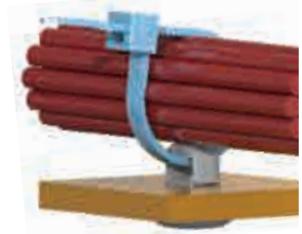
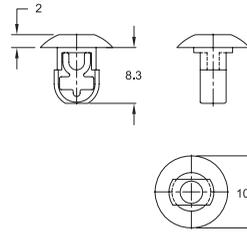
Part Number		Dimensions (mm)			Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Hole Ø	Panel Thickness	Max. Cable Tie Width Accepted	
FTH-15-01-M	FTH-15-19-M	8.0	6.4 Min.	3.9	1000

## Cable Tie Holder

SR 2033

FTH-9

Natural UL94 V-2 Nylon 6/6, RMS-01



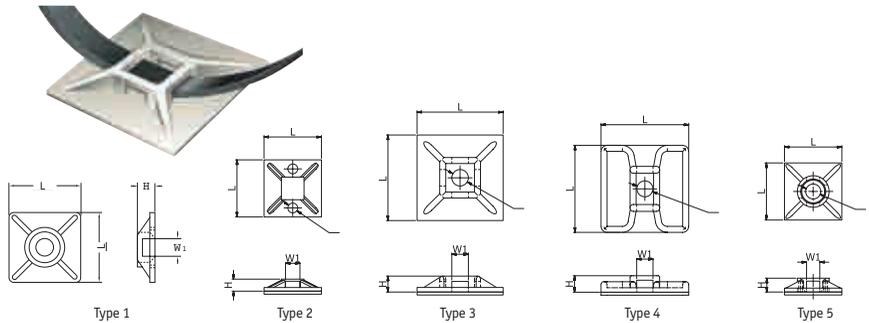
Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Ø	Panel Thickness	Max. Cable Tie Width Accepted	
FTH-9-01-M	6.35 ± 0.08	3.18 Max.	4.8	1000

## Adhesive Tie Mounts

SR 1718

Nylon 6.6

- Strong adhesion for quick and easy installation
- Ideal for lightweight wire bundles
- Flammability rating UL94 V2
- Panel hole for optional screw fixing



Part Number		Type	Tie Width (mm)	Dimensions (mm)			Panel Hole Diameter (mm)	Standard Pack Quantity
Natural	Black			W1	L	H		
460329	494643	1	2.4-3.2	3.2	12.5 x 12.5	3.2	100	
460330	494644	2	2.4-3.6	4.5	19 x 19	3.9	100	
460331	494645	1	2.4-3.6	4.7	21 x 21	3.5	100	
460332	494646	3	2.4-4.8	5.0	28 x 28	4.0	100	
460333	494647	4	2.4-4.8	5.0	28 x 28	4.0	100	
460334	494648	5	2.4-4.5	4.5	18 x 18	4.5	100	

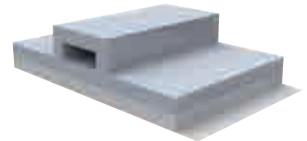
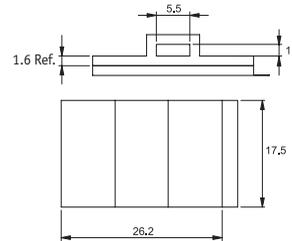
## Cable Tie Holder on Adhesive Base

SR 2034

FTH-2A

Natural Rigid PVC, RMS-193

Adhesive: RMS-324



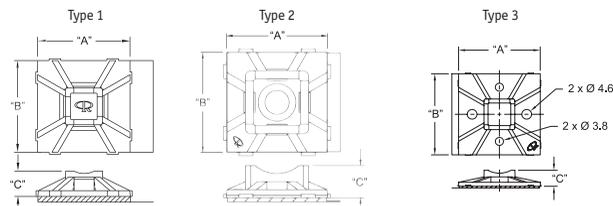
Part Number	Maximum Cable Tie Width Accepted (mm)	Standard Pack Quantity
FTH-2A4-RT	5.3	1000

## Cable Tie Holder

SR 2035

FTH-5/FTH-7/FTH-8/ FTH-10/MFTH

Natural UL94 V-2 Nylon 6/6



Part Number	Adhesive	Type	Max. Cable Tie Width Accepted	Dimensions (mm)			Mounting Screw	Standard Pack Quantity
				"A"	"B"	"C"		
MFTH-2-01A4-RT	Rubber, RMS-24	1	2.5	12.7	12.7	3.5	-	1000
FTH-5A4-RT-M	Rubber, RMS-24	2	3.5	19.1	19.1	6.1	M3.5 Flat Head	1000
FTH-5-01-M	None	2	3.5	19.1	19.1	6.1	M3.5 Flat Head	1000
FTH-7A4-RT-M	Rubber, RMS-24	2	3.5	25.4	25.4	7.1	M4 Flat Head	1000
FTH-7-01-M	None	2	3.5	25.4	25.4	7.1	M4 Flat Head	1000
FTH-8A-RT-M	Acrylic, RMS-15	3	8.3	38.1	38.1	7.6	2 x M4 or 2 x M3.5	1000
FTH-10A-RT-M	Acrylic, RMS-15	3	8.3	50.8	50.8	7.6	2 x M4 or 2 x M3.5	1000

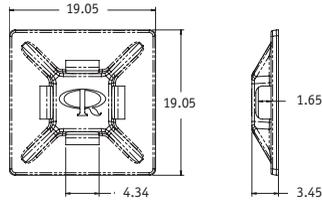
# CABLE MOUNTS

## Low Profile Cable Tie Holder

SR 2036

FTH-40

White ABS, RMS-02



Part Number	Max. Cable Tie Width Accepted (mm)	Adhesive	Standard Pack Quantity
FTH-40	4.1	None	1000
FTH-40A-RT	4.1	Acrylic, RMS-15	1000
FTH-40A1-RT	4.1	Rubber, RMS-102	1000

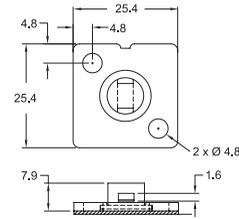
## Cable Tie Holder with Swivel

SR 2037

FTH-4

Natural UL94 V-2 Nylon 6/6, RMS-01

- Unique swivel head allows 360° rotation of the mounted bundle

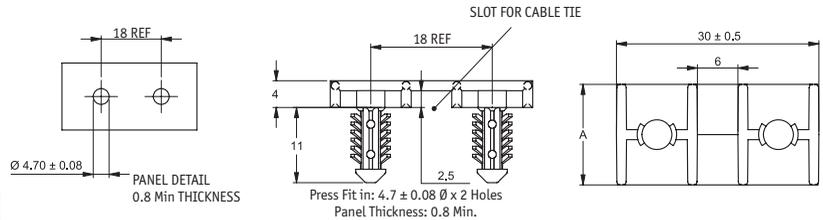


Part Number	Max Cable Tie Width Accepted (mm)	Adhesive	Mounting Screw	Standard Pack Quantity
FTH-4A-RT-M	3.8	Acrylic, RMS-15	2 x M4	1000

## Heavy Duty Cable Tie Holder

SR 2038

FTH-42



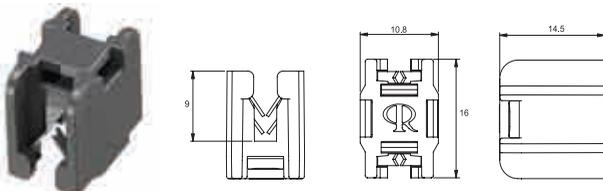
Part Number		"A" Dimension	Max. Cable Tie Width Accepted	Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6, RMS-01	Black UL94 V-2 Nylon 6/6, RMS-01			
FTH-42-1-01	FTH-42-1-01BK	7	5.8	1000
FTH-42-2-01	FTH-42-2-01BK	15	5.8	1000
FTH-42-3-01	FTH-42-3-01BK	25	5.8	1000

## Edge Mount Cable Tie Holder

SR 2039

FTH-31

- Retention Force to Steel Panel: Minimum 25N 0.8mm Panel; Minimum 45N 3mm Panel
- Retention Force to Plastic Panel: Minimum 150N 2.4-3mm



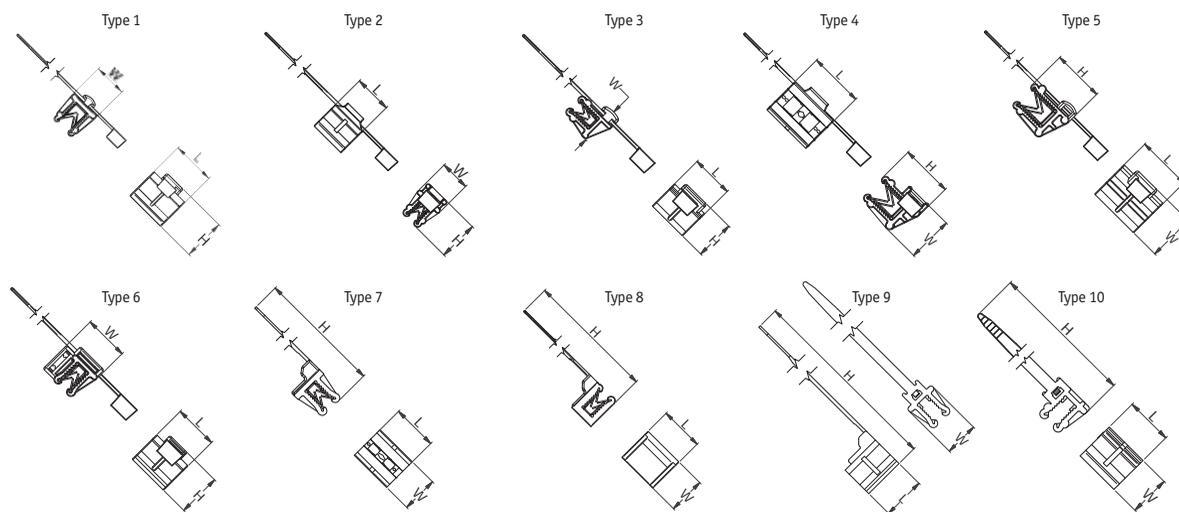
Part Number	Panel Thickness (mm)	Max Cable Tie Width Accepted (mm)	Material Clip	Material Housing	Standard Pack Quantity
FTH-31-01	0.8 - 3	4.8	Stainless Steel Type '2B' Bright Finish, RMS-365 Grade 304 (1.4301 thick)	UL94 V-2 Nylon 6/6, RMS-01 Colour: Black	1000
FTH-31-UVB	0.8 - 3	4.8	Stainless Steel Type '2B' Bright Finish, RMS-365 Grade 304 (1.4301 thick)	UL94 UV Stabilised V2 Nylon 6/6, RMS-46 Colour: Black	1000

## Metal Edge Cable Tie Mounting Clips

SR 6261

Polyamide and Spring Steel acc. to EN 10132-4

- Push on plastic/metal sheet edge anchors for cable ties
- Retention of 200N based on a standard 2mm panel size
- Permanent fixing for all sheet material applications
- In top or side mounting options and different bundle orientations
- Available as clip or with cable tie already installed
- Standard Tie: 200 x 4.8mm 200N Retention Force. Maximum bundle Diameter 45mm



Part Number	Panel Thickness (mm)	Dimensions (mm)			Type	Cable Tie Size	Standard Pack Quantity
		"W"	"L"	"H"			
550243	0.7 - 3.0mm	12.0	15	15.8	1	-	100
550244	0.7 - 3.0mm	13.9	15	15.6	3	-	100
550245	0.7 - 3.0mm	12.0	15	15.6	2	-	100
550246	3.0 - 6.0mm	15.1	20	18.8	2	-	100
550247	0.7 - 3.0mm	13.9	15	15.6	4	-	100
550248	3.0 - 6.0mm	15.1	20	19.2	1	-	100
550249	3.0 - 6.0mm	17.1	20	19.0	5	-	100
550250	3.0 - 6.0mm	17.1	20	18.8	4	-	100
550251	0.7 - 3.0mm	15.1	15	15.1	6	-	100
550252	0.7 - 3.0mm	12.0	15	15.8	1	200 x 4.8 x 1.2	100
550253	0.7 - 3.0mm	13.9	15	15.6	3	200 x 4.8 x 1.2	100
550254	0.7 - 3.0mm	12.0	15	15.6	2	200 x 4.8 x 1.2	100
550255	3.0 - 6.0mm	15.1	20	18.8	2	200 x 4.8 x 1.2	100
550256	0.7 - 3.0mm	13.9	15	15.6	4	200 x 4.8 x 1.2	100
550257	3.0 - 6.0mm	15.1	20	19.2	1	200 x 4.8 x 1.2	100
550258	3.0 - 6.0mm	17.1	20	19.0	5	200 x 4.8 x 1.2	100
550259	3.0 - 6.0mm	17.1	20	18.8	4	200 x 4.8 x 1.2	100
550260	0.7 - 3.0mm	15.1	15	15.1	6	200 x 4.8 x 1.2	100
550277	0.7 - 3.0mm	15.0	20	167.0	7	140 x 3.6 x 1.2	100
550278	0.7 - 3.0mm	15.0	20	168.0	8	140 x 3.6 x 1.2	500
550279	0.7 - 3.0mm	15.0	20	167.0	9	140 x 3.6 x 1.2	100
550280	0.7 - 3.0mm	15.0	20	167.0	10	140 x 3.6 x 1.2	100

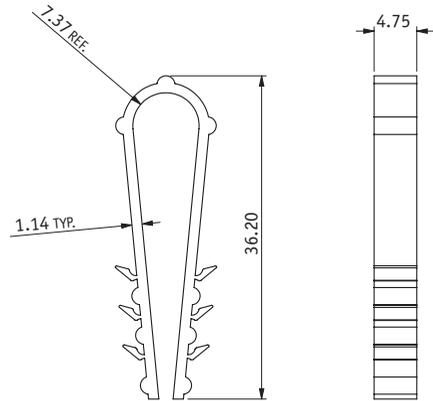
# CABLE MOUNTS

## Loop Fastener

SR E-0013

Natural HDPE

- Fits a 6.35 mm hole
- Slip the U-shaped fastener over a wire or tube and push into a drilled hole



Part Number	Hole Dia. (mm)	Standard Pack Quantity
22LF1425250	6.35	500

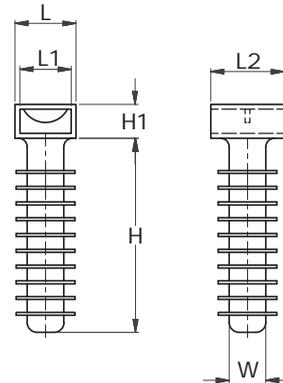
## Masonry Mount Cable Tie Mount

SR 2042

WPM

Black UL94 V-2 Nylon 6/6

- Simply press into pre-drilled holes
- Ideal for use with any of our standard or heavy duty cable ties



Part Number	Type	Dimensions (mm)						Standard Pack Quantity
		H	H1	W	L	L1	L2	
WPM001B	1	37.0	6.3	10.0	12.7	9.7	12.5	100
WPM002A	2	36.2	13.0	10.0	12.9	9.7	12.4	100

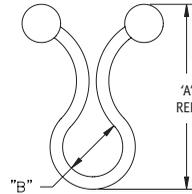
## Twist Lock

SR 2043

TL

UL94 V2 Nylon 6/6, RMS-01

Part Number		"A" (mm)	Cable Bundle Diameter (mm)	Standard Pack Quantity
Natural	Black			
058005000002	-	20.0	4-6.5	1000
TL-250	TL-250BK	22.9	5.1-7.6	1000
TL-350	TL-350BK	26.2	7.6-10.2	1000
TL-450	TL-450BK	30.5	10.2-12.7	1000
TL-600	TL-600BK	33.7	14-16.5	1000
TL-750	TL-750BK	39.4	17.8-20.3	1000
TL-950	TL-950BK	43.4	Max. 25.4	1000
TL-1125	TL-1125BK	55.6	Max. 30.2	1000
TL-1375	TL-1375BK	68.1	Max. 36.5	1000
TL-1500	TL-1500BK	74.4	Max. 39.7	1000
TL-1750	-	87.6	Max. 46	1000

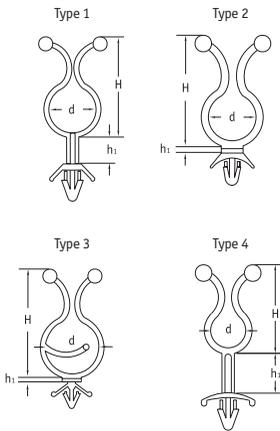


## Push-In Twist Ties

SR 1728

Natural Nylon 6.6

- Reusable and releasable for easy wire bundling
- Easy open-and-twist fit to cables
- Flammability rating UL94 V2
- Lock into 4.8mm hole



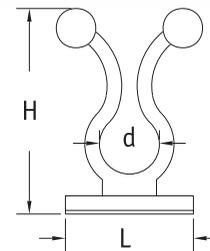
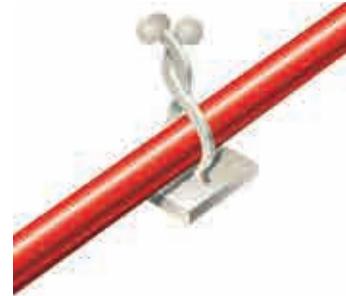
Part Number	Type	Dimensions (mm)			Standard Pack Quantity
		H	h1	d	
460351	1	30.0	17.5	11.0	100
460352	1	30.0	1.1	11.6	100
460353	1	29.7	2.5	10.5	100
460357	1	33.0	8.7	15.5	100
460361	1	34.0	1.1	15.6	100
460362	1	46.2	3.1	24.0	100
460354	2	33.4	1.4	14.8	100
460355	3	38.3	1.4	18.5	100
460359	4	28.5	12.2	11.0	100

## Adhesive Twist Ties

SR 1727

Natural Nylon 6.6

- Strong adhesion for quick and easy installation
- Easy open-and-twist fit to cables
- Flammability rating UL94 V2



Part Number	Cable Bundle Diameter (mm)	Dimensions (mm)			Standard Pack Quantity
		d	H	L	
460347	7-10	7.9	27.5	17.4	100
460348	10-15	14.8	35.2	22.0	100
460349	15-20	20.6	40.0	25.5	100

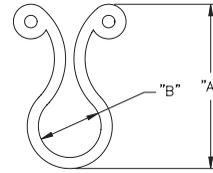
# TWIST TIES AND CABLE CLIPS

## Kurly Lock

SR 2044

KL

Natural UL94 V2 Nylon 6/6, RMS-01



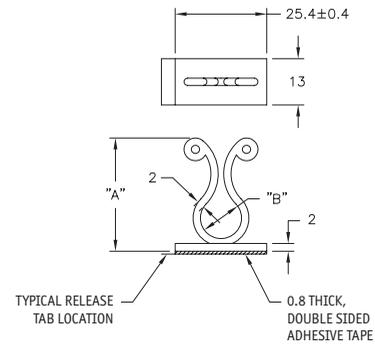
Part Number	Dimensions (mm)		Standard Pack Quantity
	"A"	"B" Wire Bundle Ø	
KL-125	12.2	3.2-3.8	1000
KL-200	20.7	4.1-6.1	1000
KL-250	23.0	5.1-7.6	1000
KL-350	26.2	7.6-10.2	1000
KL-450	30.5	10.2-12.7	1000
KL-600	31.8	14-16.5	1000
KL-750	38.6	17.8-20.3	1000
KL-950	44.5	22.9-25.4	1000

## Kurly Lock on Adhesive Base

SR 2045

KLB

Natural



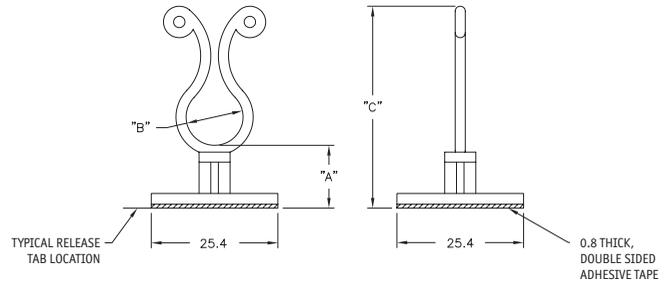
Part Number		"A" (mm)	"B" Bundle Ø Range (mm)	Adhesive Base	Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19				
KLB-350A4-RT	KLB-350A4-RT-19	27.2	7.6-10.2	RMS-324	1000
KLB-450A4-RT	KLB-450A4-RT-19	31.2	10.2-12.7	RMS-324	1000
KLB-750A-RT	KLB-750A-RT-19	40.1	17.8-20.3	RMS-15	1000

## Kurly Lock on Adhesive Base with Stand-Off

SR 2046

KLBS

Natural UL94 V2 Nylon 6/6, RMS-01



Part Number	Dimensions mm			Adhesive Base	Standard Pack Quantity
	"A"	"C"	"B" Bundle Ø		
KLBS-3504-01A4	6.4	32.5	7.6 - 10.2	RMS-324	1000
KLBS-3508-01A	12.7	38.9	7.6 - 10.2	RMS-15	1000
KLBS-35012-01A4	19.1	45.2	7.6 - 10.2	RMS-324	1000
KLBS-35016-01A	25.4	51.6	7.6 - 10.2	RMS-15	500

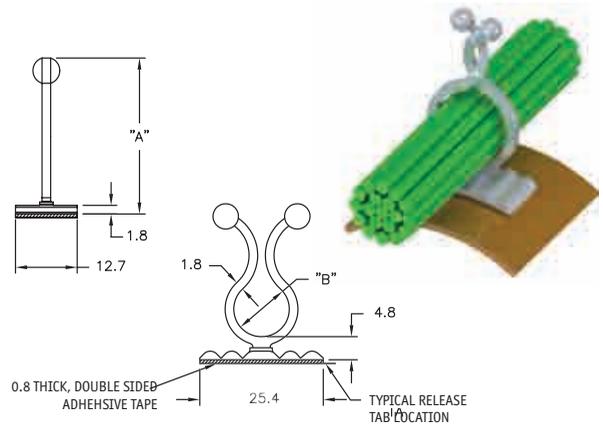
### Twist Lock on Flexible Adhesive Base

SR 2047

TLFB

Nylon 6/6, RMS-01 Colour: Natural;

Adhesive back, RMS-102



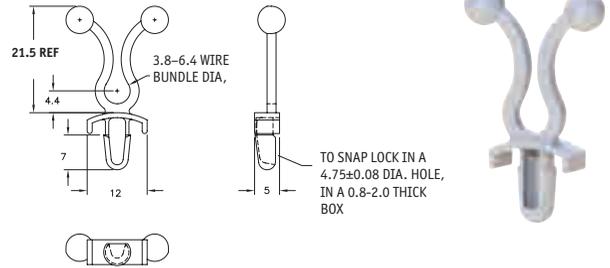
Part Number	"A" (mm)	"B" Bundle Ø (mm)	Standard Pack Quantity
TLFB-350-01A1	29.3	7.6 - 10.2	1000
TLFB-450-01A1	32.3	10.2 - 12.7	1000
TLFB-750-01A1	40.9	17.8 - 20.3	1000

### Twist Lock, Type "J"

SR 2048

TLJ

Natural Nylon 6/6, RMS-01

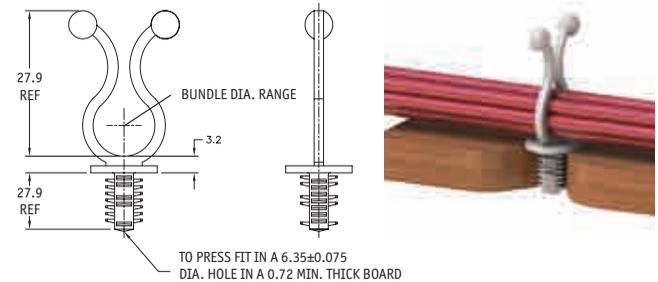


Part Number	Standard Pack Quantity
TLJ-200-01	500

### Blind Hole Twist-Lock

SR 2049

STL-8



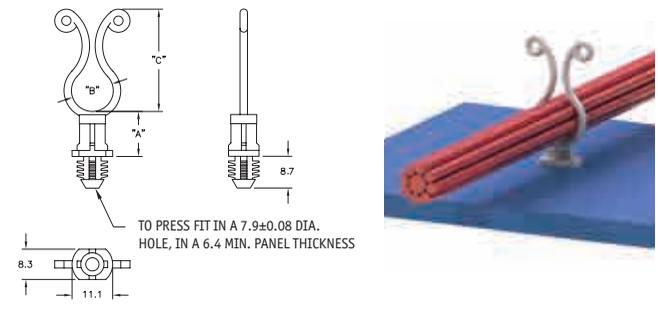
Part Number		Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	1000
STL-8-450-2-01	STL-8-450-2-19	

### Blind Hole Kurly Lock

SR 2050

BHKL

Natural UL94 V2 Nylon 6/6, RMS-01

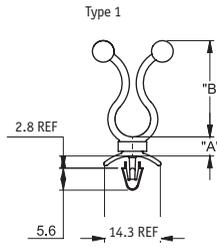


Part Number	Dimensions (mm)			Standard Pack Quantity
	"A"	"B" Bundle Ø Range	"C"	
BHKL-350-4-01	6.4	7.6 - 10.2	25.4	1000
BHKL-350-10-01	15.9	7.6 - 10.2	25.4	1000
BHKL-450-4-01	6.4	10.2 - 12.7	28.6	1000
BHKL-450-6-01	9.5	10.2 - 12.7	28.6	1000
BHKL-750-4-01	6.4	17.8 - 20.3	38.1	1000
BHKL-750-6-01	9.5	17.8 - 20.3	38.1	1000

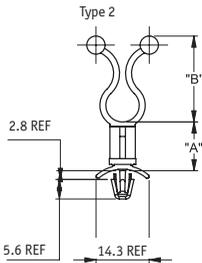
# TWIST TIES AND CABLE CLIPS

## Stand-Off Twist Lock

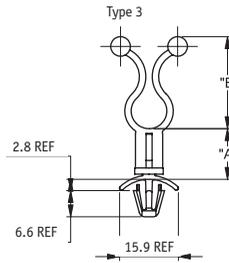
SR 2051



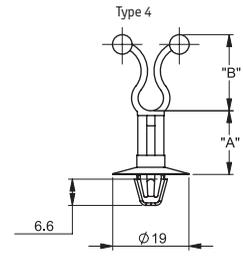
Bottom Hole: Snap-lock  $\varnothing 4 \pm 0.08$   
Panel Thickness: 0.8-2



Bottom Hole: Snap-lock  $\varnothing 4.75 \pm 0.08$   
Panel Thickness: 0.8-2



Bottom Hole: Snap-lock  $\varnothing 6 \pm 0.08$   
Panel Thickness: 0.8-2



Bottom Hole: Snap-lock  $\varnothing 6.5 \pm 0.09$   
Panel Thickness: 0.8-1.6

## STL

Natural UL94 V2 Nylon 6/6 RMS-01

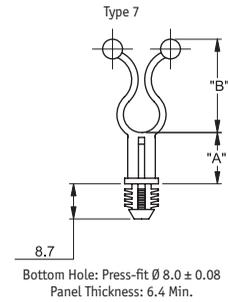
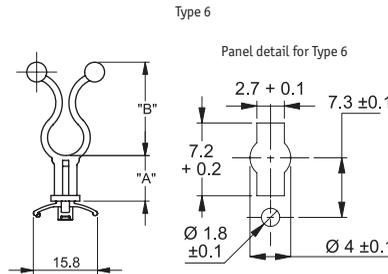
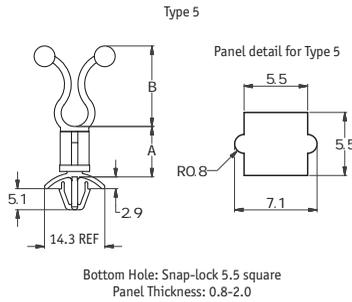
Part Number								Dimensions (mm)			Standard Pack Quantity
Type 1		Type 2		Type 3		Type 4		"A"	"B"	Bundle $\varnothing$	
UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6 RMS-19	UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6 RMS-19	UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6 RMS-19	UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6 RMS-19				
STL1-250-4M-01	STL1-250-4M-19	STL-J-250-4M-01	STL-J-250-4M-19	-	STL6-250-4M-19	-	STL5-250-4M-19	4	19.1	5.1-7.6	1000
STL1-250-3-01	-	STL-250-3-01	STL-250-3-19	STL6-250-3-01	STL6-250-3-19	STL5-250-3-01	STL5-250-3-19	4.8	19.1	5.1-7.6	1000
-	STL1-250-6M-19	-	STL-J-250-6M-19	STL6-250-6M-01	STL6-250-6M-19	STL5-250-6M-01	STL5-250-6M-19	6	19.1	5.1-7.6	1000
STL1-250-8M-01	STL1-250-8M-19	STL-J-250-8M-01	STL-J-250-8M-19	-	STL6-250-8M-19	STL5-250-8M-01	STL5-250-8M-19	8	19.1	5.1-7.6	1000
STL1-250-10M-01	STL1-250-10M-19	STL-250-10M-01	-	STL6-250-10M-01	STL6-250-10M-19	STL5-250-10M-01	STL5-250-10M-19	10	19.1	5.1-7.6	1000
STL1-250-12M-01	STL1-250-12M-19	STL-250-12M-01	STL-250-12M-19	STL6-250-12M-01	STL6-250-12M-19	STL5-250-12M-01	STL5-250-12M-19	12	19.1	5.1-7.6	1000
STL1-250-8-01	STL1-250-8-19	STL-250-8-01	STL-250-8-19	-	STL6-250-8-19	STL5-250-8-01	STL5-250-8-19	12.7	19.1	5.1-7.6	1000
STL1-250-12-01	STL1-250-12-19	STL-250-12-01	STL-250-12-19	STL6-250-12-01	STL6-250-12-19	STL5-250-12-01	STL5-250-12-19	19.1	19.1	5.1-7.6	1000
STL1-250-16-01	STL1-250-16-19	STL-250-16-01	STL-250-16-19	STL6-250-16-01	STL6-250-16-19	STL5-250-16-01	STL5-250-16-19	25.4	19.1	5.1-7.6	1000
STL1-250-20-01	STL1-250-20-19	STL-250-20-01	STL-250-20-19	-	STL6-250-20-19	STL5-250-20-01	STL5-250-20-19	31.8	19.1	5.1-7.6	1000
STL1-350-4M-01	STL1-350-4M-19	STL-J-350-4M-01	STL-J-350-4M-19	-	STL6-350-4M-19	-	STL5-350-4M-19	4	23.1	7.6-10.2	1000
STL1-350-3-01	STL1-350-3-19	STL-350-3-01	STL-350-3-19	STL6-350-3-01	-	STL5-350-3-01	STL5-350-3-19	4.8	23.1	7.6-10.2	1000
STL1-350-6M-01	STL1-350-6M-19	STL-J-350-6M-01	STL-J-350-6M-19	STL6-350-6M-01	STL6-350-6M-19	STL5-350-6M-01	STL5-350-6M-19	6	23.1	7.6-10.2	1000
STL1-350-8M-01	STL1-350-8M-19	STL-J-350-8M-01	STL-J-350-8M-19	STL6-350-8M-01	STL6-350-8M-19	STL5-350-8M-01	STL5-350-8M-19	8	23.1	7.6-10.2	1000
STL1-350-10M-01	STL1-350-10M-19	-	STL-350-10M-19	STL6-350-10M-01	STL6-350-10M-19	STL5-350-10M-01	STL5-350-10M-19	10	23.1	7.6-10.2	1000
STL1-350-12M-01	STL1-350-12M-19	STL-350-12M-01	STL-350-12M-19	STL6-350-12M-01	STL6-350-12M-19	STL5-350-12M-01	STL5-350-12M-19	12	23.1	7.6-10.2	1000
STL1-350-8-01	STL1-350-8-19	STL-350-8-01	STL-350-8-19	-	STL6-350-8-19	STL5-350-8-01	STL5-350-8-19	12.7	23.1	7.6-10.2	1000
STL1-350-12-01	-	STL-350-12-01	STL-350-12-19	-	STL6-350-12-19	STL5-350-12-01	STL5-350-12-19	19.1	23.1	7.6-10.2	1000
STL1-350-16-01	STL1-350-16-19	-	STL-350-16-19	STL6-350-16-01	STL6-350-16-19	STL5-350-16-01	STL5-350-16-19	25.4	23.1	7.6-10.2	1000
-	STL1-350-20-19	STL-350-20-01	STL-350-20-19	-	STL6-350-20-19	STL5-350-20-01	STL5-350-20-19	31.8	23.1	7.6-10.2	1000
STL1-450-4M-01	STL1-450-4M-19	STL-J-450-4M-01	STL-J-450-4M-19	STL6-450-4M-01	STL6-450-4M-19	-	STL5-450-4M-19	4	27.7	10.2-12.7	1000
STL1-450-3-01	STL1-450-3-19	STL-450-3-01	STL-450-3-19	-	STL6-450-3-19	STL5-450-3-01	STL5-450-3-19	4.8	27.7	10.2-12.7	1000
STL1-450-6M-01	-	STL-J-450-6M-01	STL-J-450-6M-19	STL6-450-6M-01	STL6-450-6M-19	STL5-450-6M-01	STL5-450-6M-19	6	27.7	10.2-12.7	1000
STL1-450-8M-01	STL1-450-8M-19	STL-J-450-8M-01	STL-J-450-8M-19	STL6-450-8M-01	STL6-450-8M-19	STL5-450-8M-01	STL5-450-8M-19	8	27.7	10.2-12.7	1000
STL1-450-10M-01	STL1-450-10M-19	STL-450-10M-01	STL-450-10M-19	STL6-450-10M-01	STL6-450-10M-19	-	STL5-450-10M-19	10	27.7	10.2-12.7	1000
-	STL1-450-12M-19	STL-450-12M-01	STL-450-12M-19	STL6-450-12M-01	STL6-450-12M-19	-	STL5-450-12M-19	12	27.7	10.2-12.7	1000
STL1-450-8-01	STL1-450-8-19	STL-450-8-01	STL-450-8-19	STL6-450-8-01	STL6-450-8-19	STL5-450-8-01	STL5-450-8-19	12.7	27.7	10.2-12.7	1000
STL1-450-12-01	STL1-450-12-19	STL-450-12-01	STL-450-12-19	STL6-450-12-01	STL6-450-12-19	STL5-450-12-01	STL5-450-12-19	19.1	27.7	10.2-12.7	1000
STL1-450-16-01	STL1-450-16-19	STL-450-16-01	STL-450-16-19	STL6-450-16-01	STL6-450-16-19	STL5-450-16-01	STL5-450-16-19	25.4	27.7	10.2-12.7	1000
-	STL1-450-20-19	STL-450-20-01	STL-450-20-19	STL6-450-20-01	STL6-450-20-19	STL5-450-20-01	STL5-450-20-19	31.8	27.7	10.2-12.7	1000
STL1-600-4M-01	STL1-600-4M-19	STL-J-600-4M-01	STL-J-600-4M-19	-	STL6-600-4M-19	-	STL5-600-4M-19	4	32.5	12.7-15.2	1000
STL1-600-3-01	STL1-600-3-19	STL-600-3-01	STL-600-3-19	-	-	STL5-600-3-01	STL5-600-3-19	4.8	32.5	12.7-15.2	1000
STL1-600-6M-01	STL1-600-6M-19	STL-J-600-6M-01	STL-J-600-6M-19	STL6-600-6M-01	STL6-600-6M-19	STL5-600-6M-01	STL5-600-6M-19	6	32.5	12.7-15.2	1000
STL1-600-8M-01	STL1-600-8M-19	STL-J-600-8M-01	STL-J-600-8M-19	STL6-600-8M-01	STL6-600-8M-19	STL5-600-8M-01	STL5-600-8M-19	8	32.5	12.7-15.2	1000
STL1-600-10M-01	STL1-600-10M-19	STL-600-10M-01	STL-600-10M-19	STL6-600-10M-01	STL6-600-10M-19	STL5-600-10M-01	STL5-600-10M-19	10	32.5	12.7-15.2	1000
STL1-600-12M-01	STL1-600-12M-19	-	STL-600-12M-19	STL6-600-12M-01	STL6-600-12M-19	STL5-600-12M-01	STL5-600-12M-19	12	32.5	12.7-15.2	1000
STL1-600-8-01	STL1-600-8-19	STL-600-8-01	STL-600-8-19	-	STL6-600-8-19	-	STL5-600-8-19	12.7	32.5	12.7-15.2	1000
STL1-600-12-01	STL1-600-12-19	STL-600-12-01	STL-600-12-19	STL6-600-12-01	STL6-600-12-19	STL5-600-12-01	STL5-600-12-19	19.1	32.5	12.7-15.2	1000
STL1-600-16-01	STL1-600-16-19	STL-600-16-01	STL-600-16-19	STL6-600-16-01	STL6-600-16-19	STL5-600-16-01	STL5-600-16-19	25.4	32.5	12.7-15.2	1000
STL1-600-20-01	STL1-600-20-19	STL-600-20-01	STL-600-20-19	STL6-600-20-01	STL6-600-20-19	STL5-600-20-01	STL5-600-20-19	31.8	32.5	12.7-15.2	1000
STL1-750-4M-01	STL1-750-4M-19	STL-J-750-4M-01	STL-J-750-4M-19	-	STL6-750-4M-19	-	STL5-750-4M-19	4	36.8	17.8-20.3	1000
STL1-750-3-01	STL1-750-3-19	STL-750-3-01	STL-750-3-19	STL6-750-3-01	STL6-750-3-19	STL5-750-3-01	STL5-750-3-19	4.8	36.8	17.8-20.3	1000
STL1-750-6M-01	STL1-750-6M-19	STL-J-750-6M-01	STL-J-750-6M-19	STL6-750-6M-01	STL6-750-6M-19	STL5-750-6M-01	STL5-750-6M-19	6	36.8	17.8-20.3	1000
STL1-750-8M-01	STL1-750-8M-19	STL-J-750-8M-01	STL-J-750-8M-19	STL6-750-8M-01	STL6-750-8M-19	STL5-750-8M-01	STL5-750-8M-19	8	36.8	17.8-20.3	1000
STL1-750-10M-01	STL1-750-10M-19	STL-750-10M-01	STL-750-10M-19	STL6-750-10M-01	STL6-750-10M-19	STL5-750-10M-01	STL5-750-10M-19	10	36.8	17.8-20.3	1000
-	STL1-750-12M-19	-	-	STL6-750-12M-01	STL6-750-12M-19	STL5-750-12M-01	STL5-750-12M-19	12	36.8	17.8-20.3	1000
STL1-750-8-01	STL1-750-8-19	STL-750-8-01	STL-750-8-19	STL6-750-8-01	STL6-750-8-19	STL5-750-8-01	STL5-750-8-19	12.7	36.8	17.8-20.3	1000
STL1-750-12-01	STL1-750-12-19	STL-750-12-01	STL-750-12-19	STL6-750-12-01	STL6-750-12-19	STL5-750-12-01	STL5-750-12-19	19.1	36.8	17.8-20.3	1000
STL1-750-16-01	STL1-750-16-19	STL-750-16-01	STL-750-16-19	STL6-750-16-01	STL6-750-16-19	STL5-750-16-01	STL5-750-16-19	25.4	36.8	17.8-20.3	1000
-	STL1-750-20-19	STL-750-20-01	STL-750-20-19	STL6-750-20-01	STL6-750-20-19	-	STL5-750-20-19	31.8	36.8	17.8-20.3	1000

## Stand-Off Twist Lock CONTINUED

SR 2051

STL

Natural UL94 V2 Nylon 6/6 RMS-01



Type 5		Type 6		Type 7		Dimensions (mm)			Standard Pack Quantity
UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6 RMS-19	UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6 RMS-19	UL94 V2 Nylon 6/6 RMS-01	UL94 V0 Nylon 6/6 RMS-19	"A"	"B"	Bundle Ø	
STL2-250-4M-01	STL2-250-4M-19	STL9-250-4M-01	STL9-250-4M-19	STL3-250-4M-01	STL3-250-4M-19	4	19.1	5.1-7.6	1000
-	-	STL9-250-3-01	STL9-250-3-19	STL3-250-3-01	STL3-250-3-19	4.8	19.1	5.1-7.6	1000
STL2-250-6M-01	STL2-250-6M-19	STL9-250-6M-01	STL9-250-6M-19	STL3-250-6M-01	STL3-250-6M-19	6	19.1	5.1-7.6	1000
STL2-250-8M-01	STL2-250-8M-19	STL9-250-8M-01	STL9-250-8M-19	STL3-250-8M-01	STL3-250-8M-19	8	19.1	5.1-7.6	1000
STL2-250-10M-01	STL2-250-10M-19	STL9-250-10M-01	STL9-250-10M-19	STL3-250-10M-01	STL3-250-10M-19	10	19.1	5.1-7.6	1000
STL2-250-12M-01	STL2-250-12M-19	STL9-250-12M-01	STL9-250-12M-19	STL3-250-12M-01	STL3-250-12M-19	12	19.1	5.1-7.6	1000
STL2-2-250-8-01	STL2-2-250-8-19	STL9-2-250-8-01	STL9-2-250-8-19	STL3-2-250-8-01	STL3-2-250-8-19	12.7	19.1	5.1-7.6	1000
STL2-2-250-12-01	STL2-2-250-12-19	STL9-2-250-12-01	STL9-2-250-12-19	STL3-2-250-12-01	STL3-2-250-12-19	19.1	19.1	5.1-7.6	1000
-	STL2-2-250-16-19	STL9-2-250-16-01	STL9-2-250-16-19	STL3-2-250-16-01	STL3-2-250-16-19	25.4	19.1	5.1-7.6	1000
STL2-2-250-20-01	STL2-2-250-20-19	STL9-2-250-20-01	STL9-2-250-20-19	STL3-2-250-20-01	STL3-2-250-20-19	31.8	19.1	5.1-7.6	1000
STL2-350-4M-01	STL2-350-4M-19	STL9-350-4M-01	STL9-350-4M-19	STL3-350-4M-01	-	4	23.1	7.6-10.2	1000
-	STL2-350-3-19	STL9-350-3-01	STL9-350-3-19	STL3-350-3-01	-	4.8	23.1	7.6-10.2	1000
STL2-350-6M-01	STL2-350-6M-19	STL9-350-6M-01	STL9-350-6M-19	STL3-350-6M-01	STL3-350-6M-19	6	23.1	7.6-10.2	1000
STL2-350-8M-01	STL2-350-8M-19	STL9-350-8M-01	STL9-350-8M-19	STL3-350-8M-01	STL3-350-8M-19	8	23.1	7.6-10.2	1000
STL2-350-10M-01	STL2-350-10M-19	STL9-350-10M-01	STL9-350-10M-19	STL3-350-10M-01	STL3-350-10M-19	10	23.1	7.6-10.2	1000
STL2-350-12M-01	STL2-350-12M-19	STL9-350-12M-01	STL9-350-12M-19	STL3-350-12M-01	STL3-350-12M-19	12	23.1	7.6-10.2	1000
STL2-3-350-8-01	STL2-3-350-8-19	STL9-3-350-8-01	STL9-3-350-8-19	STL3-3-350-8-01	STL3-3-350-8-19	12.7	23.1	7.6-10.2	1000
STL2-3-350-12-01	STL2-3-350-12-19	STL9-3-350-12-01	STL9-3-350-12-19	-	STL3-3-350-12-19	19.1	23.1	7.6-10.2	1000
STL2-3-350-16-01	STL2-3-350-16-19	STL9-3-350-16-01	STL9-3-350-16-19	STL3-3-350-16-01	STL3-3-350-16-19	25.4	23.1	7.6-10.2	1000
STL2-3-350-20-01	STL2-3-350-20-19	STL9-3-350-20-01	STL9-3-350-20-19	STL3-3-350-20-01	STL3-3-350-20-19	31.8	23.1	7.6-10.2	1000
STL2-450-4M-01	STL2-450-4M-19	-	STL9-450-4M-19	STL3-450-4M-01	-	4	27.7	10.2-12.7	1000
STL2-450-3-01	STL2-450-3-19	-	STL9-450-3-19	STL3-450-3-01	STL3-450-3-19	4.8	27.7	10.2-12.7	1000
STL2-450-6M-01	STL2-450-6M-19	STL9-450-6M-01	STL9-450-6M-19	STL3-450-6M-01	STL3-450-6M-19	6	27.7	10.2-12.7	1000
STL2-450-8M-01	STL2-450-8M-19	STL9-450-8M-01	STL9-450-8M-19	STL3-450-8M-01	STL3-450-8M-19	8	27.7	10.2-12.7	1000
STL2-450-10M-01	STL2-450-10M-19	STL9-450-10M-01	STL9-450-10M-19	STL3-450-10M-01	STL3-450-10M-19	10	27.7	10.2-12.7	1000
STL2-450-12M-01	STL2-450-12M-19	STL9-450-12M-01	STL9-450-12M-19	STL3-450-12M-01	STL3-450-12M-19	12	27.7	10.2-12.7	1000
STL2-4-450-8-01	STL2-4-450-8-19	STL9-4-450-8-01	STL9-4-450-8-19	STL3-4-450-8-01	STL3-4-450-8-19	12.7	27.7	10.2-12.7	1000
STL2-4-450-12-01	STL2-4-450-12-19	STL9-4-450-12-01	STL9-4-450-12-19	-	STL3-4-450-12-19	19.1	27.7	10.2-12.7	1000
STL2-4-450-16-01	STL2-4-450-16-19	STL9-4-450-16-01	STL9-4-450-16-19	STL3-4-450-16-01	STL3-4-450-16-19	25.4	27.7	10.2-12.7	1000
STL2-4-450-20-01	STL2-4-450-20-19	STL9-4-450-20-01	-	STL3-4-450-20-01	STL3-4-450-20-19	31.8	27.7	10.2-12.7	1000
STL2-600-4M-01	STL2-600-4M-19	STL9-600-4M-01	STL9-600-4M-19	STL3-600-4M-01	-	4	32.5	12.7-15.2	1000
STL2-600-3-01	STL2-600-3-19	STL9-600-3-01	STL9-600-3-19	STL3-600-3-01	STL3-600-3-19	4.8	32.5	12.7-15.2	1000
STL2-600-6M-01	STL2-600-6M-19	STL9-600-6M-01	STL9-600-6M-19	STL3-600-6M-01	STL3-600-6M-19	6	32.5	12.7-15.2	1000
STL2-600-8M-01	STL2-600-8M-19	STL9-600-8M-01	STL9-600-8M-19	STL3-600-8M-01	STL3-600-8M-19	8	32.5	12.7-15.2	1000
STL2-600-10M-01	STL2-600-10M-19	STL9-600-10M-01	STL9-600-10M-19	STL3-600-10M-01	STL3-600-10M-19	10	32.5	12.7-15.2	1000
STL2-600-12M-01	STL2-600-12M-19	STL9-600-12M-01	STL9-600-12M-19	STL3-600-12M-01	STL3-600-12M-19	12	32.5	12.7-15.2	1000
STL2-600-8-01	STL2-600-8-19	STL9-600-8-01	STL9-600-8-19	STL3-600-8-01	STL3-600-8-19	12.7	32.5	12.7-15.2	1000
STL2-600-12-01	STL2-600-12-19	STL9-600-12-01	STL9-600-12-19	STL3-600-12-01	STL3-600-12-19	19.1	32.5	12.7-15.2	1000
STL2-600-16-01	STL2-600-16-19	STL9-600-16-01	STL9-600-16-19	STL3-600-16-01	STL3-600-16-19	25.4	32.5	12.7-15.2	1000
STL2-600-20-01	STL2-600-20-19	STL9-600-20-01	STL9-600-20-19	STL3-600-20-01	STL3-600-20-19	31.8	32.5	12.7-15.2	1000
STL2-750-4M-01	STL2-750-4M-19	STL9-750-4M-01	-	STL3-750-4M-01	-	4	36.8	17.8-20.3	1000
STL2-2-750-3-01	STL2-2-750-3-19	-	STL9-2-750-3-19	STL3-2-750-3-01	STL3-2-750-3-19	4.8	36.8	17.8-20.3	1000
STL2-750-6M-01	STL2-750-6M-19	STL9-750-6M-01	STL9-750-6M-19	STL3-750-6M-01	STL3-750-6M-19	6	36.8	17.8-20.3	1000
STL2-750-8M-01	STL2-750-8M-19	STL9-750-8M-01	STL9-750-8M-19	STL3-750-8M-01	STL3-750-8M-19	8	36.8	17.8-20.3	1000
STL2-750-10M-01	STL2-750-10M-19	STL9-750-10M-01	STL9-750-10M-19	STL3-750-10M-01	STL3-750-10M-19	10	36.8	17.8-20.3	1000
STL2-750-12M-01	STL2-750-12M-19	STL9-750-12M-01	STL9-750-12M-19	STL3-750-12M-01	STL3-750-12M-19	12	36.8	17.8-20.3	1000
STL2-2-750-8-01	STL2-2-750-8-19	STL9-2-750-8-01	STL9-2-750-8-19	STL3-2-750-8-01	STL3-2-750-8-19	12.7	36.8	17.8-20.3	1000
STL2-2-750-12-01	STL2-2-750-12-19	STL9-2-750-12-01	STL9-2-750-12-19	STL3-2-750-12-01	STL3-2-750-12-19	19.1	36.8	17.8-20.3	1000
STL2-2-750-16-01	STL2-2-750-16-19	STL9-2-750-16-01	STL9-2-750-16-19	STL3-2-750-16-01	STL3-2-750-16-19	25.4	36.8	17.8-20.3	1000
STL2-2-750-20-01	STL2-2-750-20-19	STL9-2-750-20-01	STL9-2-750-20-19	STL3-2-750-20-01	STL3-2-750-20-19	31.8	36.8	17.8-20.3	1000

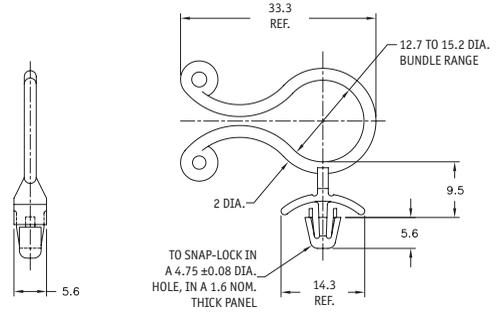
# TWIST TIES AND CABLE CLIPS

## Side Entry Kurly Lock

SR 2053

SKLO

Natural Nylon 6/6, RMS-01



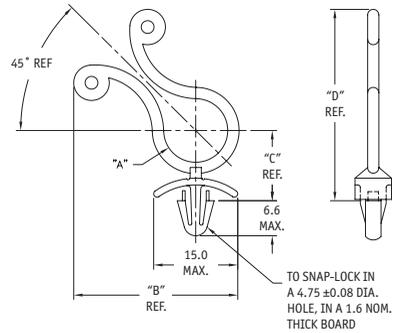
Part Number	Standard Pack Quantity
SKLO-550-01	1000

## 45° Kurly Lock

SR 2054

SKL

Natural UL94 V2 Nylon 6/6, RMS-01



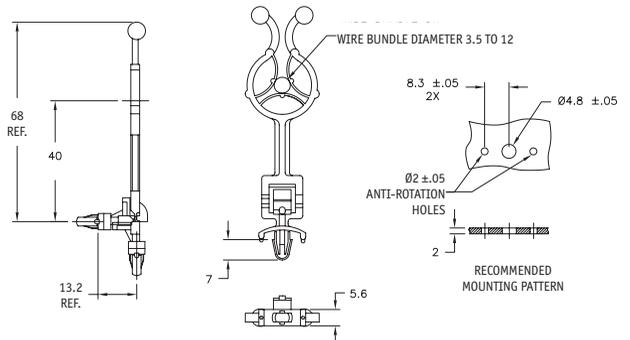
Part Number	Dimensions (mm)				Standard Pack Quantity
	"A" Bundle Ø Range	"B"	"C"	"D"	
SKL45-250	3.8 - 6.35	24.9	8.5	26.7	1000
SKL45-350	7.6 - 10	27.2	11.0	30.5	1000
SKL45-450	10 - 12	28.4	12.0	33.0	1000

## Hinged Twist Lock with Stand-Off

SR 2056

TLHS90

Natural Nylon 6/6, RMS-01



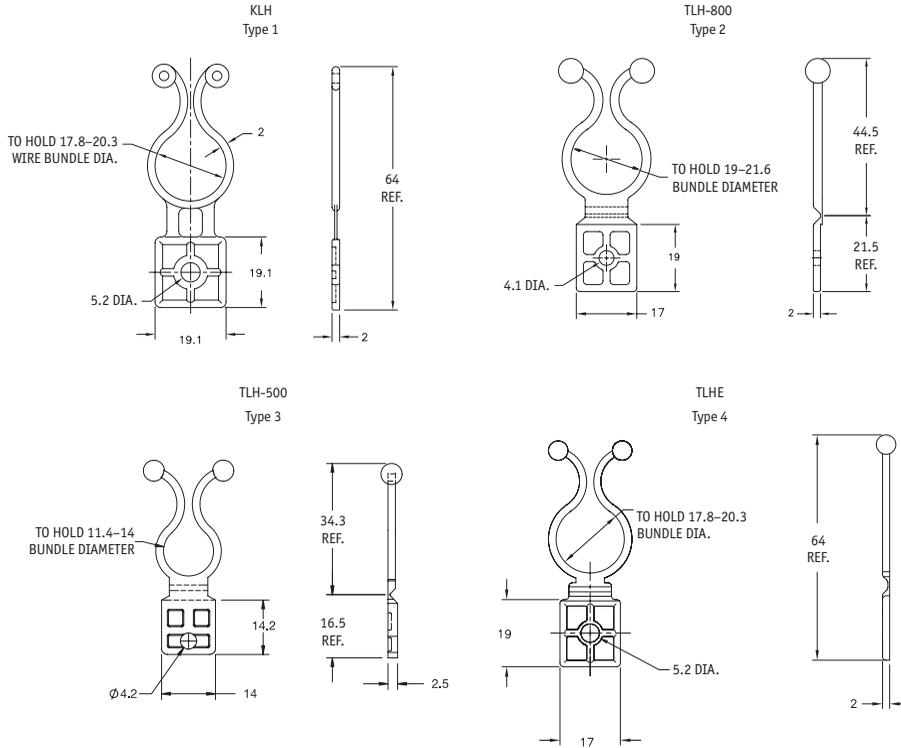
Part Number	Standard Pack Quantity
TLHS90-300-01	500

### Screw Mount Twist Locks

SR 2057

KLH/TLH/TLHE

Natural UL94 V2 Nylon 6/6, RMS-01



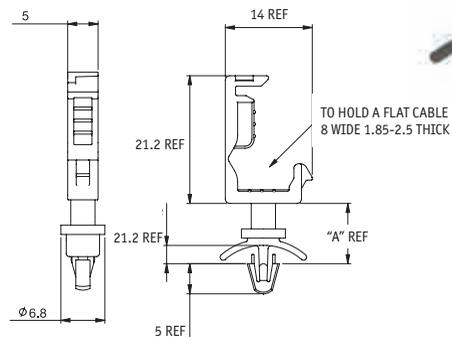
Part Number	Recommended Screw Size	Type	Standard Pack Quantity
KLH-750-01	M4	1	1000
TLH-800-01	M3	2	1000
TLH-500-01	M4	3	1000
TLHE-1-750-01	M4	4	1000

### Flat Cable Wire Saddle

SR 2058

FCWSS

Black



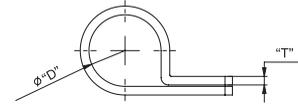
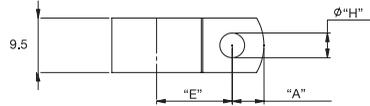
Part Number		Dimensions (mm)			Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	Panel Hole Ø	Panel Thickness	
FCWSS-1-01BK	FCWSS-1-19BK	4.8	4	0.8 - 1.6	1000
FCWSS-2-01BK	-	10	4	0.8 - 1.6	1000

# TWIST TIES AND CABLE CLIPS

## Cable Clamp

SR 2059

N



Part Number			Dimensions (mm)					Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01		UL94 V0 Nylon 6/6, RMS-19	"D" Holding Ø	"H" Hole Ø	"E" Ref.	"T" Ref.	"A" Ref.	
Natural	Black	Natural						
N-1	N-1-BK	N-1-19	1.6	3.2	6.7	1.1	5.5	1000
N-2E	N-2E-BK	N-2E-19	3.2	4.4	9.2	1.4	4.8	1000
N-3E	N-3E-BK	N-3E-19	4.8	4.4	10.0	1.3	5.5	1000
N-4E	N-4E-BK	N-4E-19	5.6	4.4	10.5	1.4	5.5	1000
N-5E	N-5E-BK	N-5E-19	7.2	4.4	10.5	1.4	6.6	1000
N-6E	N-6E-BK	N-6E-19	10.0	4.4	12.3	1.4	6.0	1000
N-7E	N-7E-BK	N-7E-19	11.1	4.4	12.0	1.5	6.0	1000
N-8E	N-8E-BK	-	12.5	4.4	13.0	1.5	5.5	1000

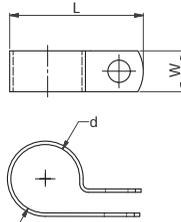
## P Clips

SR 1790

Nylon 6.6

- Easy to install
- Ideal for holding cables, tubes and pipes

- Flammability rating UL94 V2
- Screw fixing hole diameter 4.6 mm

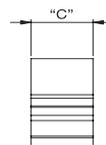
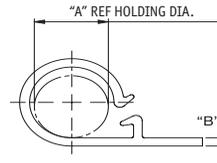
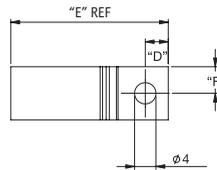


Part Number		Max Cable Diameter (mm)	Dimensions (mm)		Standard Pack Quantity
Natural	Black		L	W	
460275	468552	3.20	19.8	9.60	100
460276	468553	4.80	19.8	9.60	100
460277	468554	6.35	22.0	10.0	100
460278	468555	7.90	20.0	10.0	100
460279	468556	9.50	24.0	12.0	100
460280	468557	12.70	31.0	12.0	100
460281	468558	15.80	34.3	12.0	100
460282	468559	19.40	35.0	12.0	100
460283	468560	25.40	43.0	12.0	100
460284	468561	27.50	50.0	12.0	100
460285	468562	31.80	46.2	12.0	100
460286	468563	36.70	50.0	12.0	100

## Wire Harness Clamp

SR 2060

EXWHC



Part Number		Dimensions (mm)						Colour	Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A" Holding Ø	"B"	"C"	"D"	"E"	"F"		
EXWHC2-250-01*	EXWHC2-250-19*	6.35	1	10	6	21	5	Natural	1000
EXWHC2-500-01	EXWHC2-500-19	12.7	1.6	10	4.7	30	5	Natural	1000
EXWHC2-750-01	EXWHC2-750-19	18	1.8	12.7	4.7	35	6.35	Natural	1000
EXWHC2-250-01BK*	-	6.35	1	10	6	21	5	Black	1000
EXWHC2-500-01BK	-	12.7	1.6	10	4.7	30	5	Black	1000
EXWHC2-750-01BK	-	18	1.8	12.7	4.7	35	6.35	Black	1000

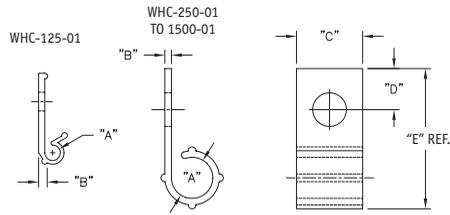
\*Is not provided with latch feature

## Wire Harness Clamp

SR 2062

WHC

Natural



Part Number		Dimensions (mm)					Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A" Ø	"B"	"C"	"D"	"E"	
WHC-125-01	WHC-125-19	3.2	1.3	8.4	5.8	19.1	1000
WHC-250-01	WHC-250-19	6.4	1.0	10.2	6.4	21.1	1000
WHC-375-01	WHC-375-19	9.5	1.3	10.2	4.8	21.1	1000
WHC-500-01	WHC-500-19	12.7	1.8	10.2	6.4	29.4	1000
WHC-625-01	WHC-625-19	15.9	2.0	12.7	4.8	28.6	1000
WHC-750-01	WHC-750-19	19.1	2.2	12.7	4.8	32.5	1000
WHC-1000-01	WHC-1000-19	25.4	2.2	12.7	4.8	38.9	500
WHC-1500-01	WHC-1500-19	38.1	2.5	12.7	4.8	53.9	500

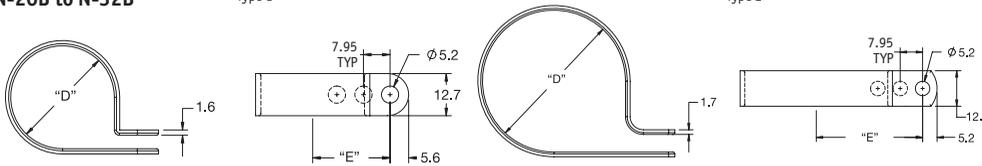
## Adjustable Nylon Cable Clamp

SR 2063

N-20B to N-32B

Type 1

Type 2



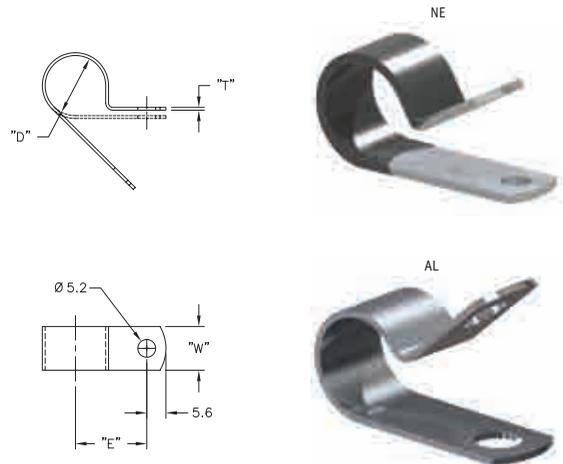
Part Number		Type Number	Dimensions (mm)			Standard Pack Quantity	
Natural UL94 V2 Nylon 6/6, RMS-01	Black UL94 V2 Nylon 6/6, RMS-01		"E"	"D" Holding Ø			
			Inside Hole	Centre Hole	Outside Hole		
N-20B	N-20B-BK	1	23.0	25.4	28.6	30.2	500
N-24B	N-24B-BK	1	26.2	31.8	34.9	37.3	500
N-32B	N-32B-BK	2	36.9	44.5	47.6	50.8	500

## Aluminium Clamp/Aluminium Clamp with Vinyl Coating

SR 2064

AL/NE

Part Number		Dimensions (mm)				Standard Pack Quantity
Aluminium Alloy, 5052 H-32, RMS-194	Aluminum Alloy, 5052 H-32, RMS-199, Coating: Black PVC, RMS-118	"D" Holding Ø	"E"	"T"	"W"	
AL2	-	3.2	11.7	0.8	9.5	1000
AL3	NE3	4.8	12.7	0.8	9.5	1000
AL4	NE4	6.4	13.5	0.8	9.5	1000
AL5	NE5	7.9	14.2	0.8	9.5	1000
AL6	NE6	9.5	15	0.8	9.5	1000
AL7	NE7	11.1	15.7	0.8	9.5	1000
AL8	NE8	12.7	16.5	0.8	9.5	1000
AL9	NE9	14.3	19.1	0.8	9.5	1000
AL10	NE10	15.9	19.8	0.8	9.5	1000
AL11*	NE11	17.5	20.6	1.6	12.7	500
AL12*	NE12	19.1	21.3	1.6	12.7	500
AL14*	NE14	22.2	22.9	1.6	12.7	500
AL16*	NE16	25.4	24.4	1.6	12.7	500
AL18*	NE18	28.6	26.7	1.6	12.7	500
-	NE20	31.8	28.2	1.6	12.7	500



\*RMS-199

## Heavy Duty Support Clamp

SR 2065

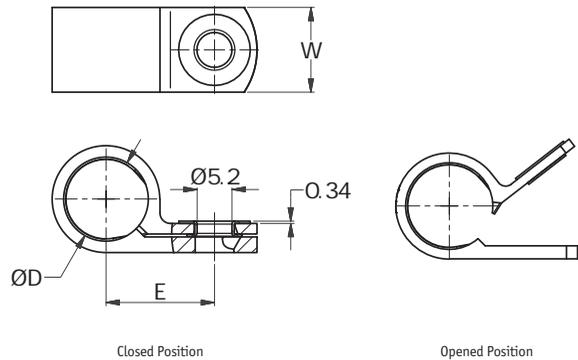
NM – MS25281

Grey Nylon 6.6

Clamp: Natural UL94 V2 Heat Stabilised Nylon;  
conforms to MIL-M-20693/ASTM D-4066

Eyelet: Aluminium anodised in accordance with MIL-A-8625

- Complies with MS-25281
- Strong and durable design built for heavy duty cable applications
- Type 1 has a rib running around the inside of the clamp to grip the bundle
- Type 2 has no rib
- Type 1 is crimped to the top leg
- Type 2's eyelet has legs which protrude all the way through the bottom hole
- Mounted using an M5 screw (recommended)



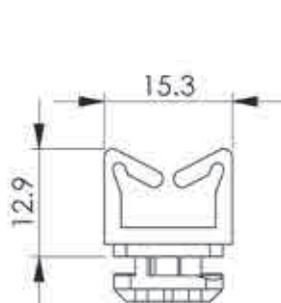
Part Number	MS Part Number	Max Cable Diameter (mm) D	Dimensions (mm)		Type	Standard Pack Quantity
			W	E		
NM-3-R3	MS25281-R3	4.8	12.8	12.3	1	500
NM-4-R4	MS25281-R4	6.4	12.8	13.0	1	500
NM-5-R5	MS25281-R5	7.9	12.8	13.9	1	500
NM-6-R6	MS25281-R6	9.5	12.8	14.7	1	500
NM-7-R7	MS25281-R7	11.1	12.8	15.4	1	500
NM-8-R8	MS25281-R8	12.7	12.8	16.2	1	500
NM-9-R9	MS25281-R9	14.3	12.8	16.8	1	500
NM-10-R10	MS25281-R10	15.9	14.1	17.9	1	500
NM-11-R11	MS25281-R11	17.5	14.1	19.9	1	500
NM-12-R12	MS25281-R12	19.1	14.1	20.7	1	500
NM-13-R13	MS25281-R13	20.6	14.1	21.0	1	500
NM-14-R14	MS25281-R14	22.2	14.1	22.3	1	500
NM-16-R16	MS25281-R16	25.4	14.1	23.9	1	500
NM-18-R18	MS25281-R18	28.6	14.1	25.0	1	500
NM-20-R20	MS25281-R20	31.8	14.1	27.1	1	500
NM-22-R22	MS25281-R22	34.9	14.1	28.2	1	500
NM-24-R24	MS25281-R24	38.1	14.1	29.7	1	500
NM-26-R26	MS25281-R26	41.3	14.1	31.8	1	500
NM-28-R28	MS25281-R28	44.5	14.1	33.0	1	500
NM-3-F3	MS25281-F3	4.8	12.7	12.6	2	500
NM-4-F4	MS25281-F4	6.4	12.7	13.4	2	500
NM-5-F5	MS25281-F5	7.9	12.7	14.2	2	500
NM-6-F6	MS25281-F6	9.5	12.7	15.0	2	500
NM-7-F7	MS25281-F7	11.1	12.7	15.8	2	500
NM-8-F8	MS25281-F8	12.7	12.7	16.6	2	500
NM-10-F10	MS25281-F10	15.9	15.2	19.9	2	500
NM-13-F13	MS25281-F13	20.6	15.2	22.3	2	500

## Extruded Metal Rail Cable Clips

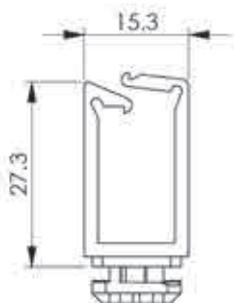
SR 6263

Natural, Glass Reinforced Nylon, UL94-V2

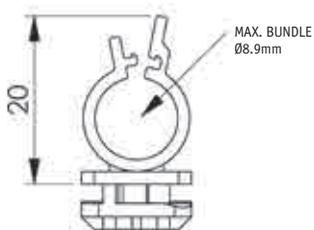
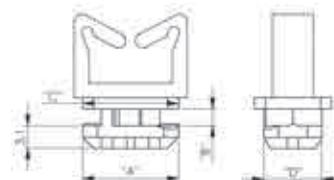
- Several different mounting options
- Pre location for easier mounting
- Available in several channel depths and X rail sizes
- A choice of Twist Locking or Push In installation
- Lightweight



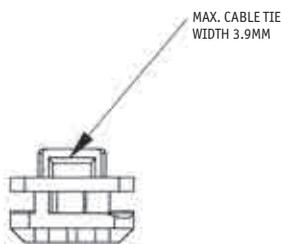
Type 1



Type 2



Type 3



Type 4



Extruded Rail

### Twist Lock

Part Number	Dimensions (mm)				Type	Extruded Rail Sizes	Standard Pack Quantity
	A	B	C	D			
XRC2-WS101	10	1.6	10	5.8	1	20x20	1000
XRC3-WS101	13	2.3	13	7.9	1	30x30	1000
XRC4-WS101	16	6.15	16	9.8	1	40x40	1000
XRC2-LWS01	10	1.6	10	5.8	2	20x20	1000
XRC3-LWS01	13	2.3	13	7.9	2	30x30	1000
XRC4-LWS01	16	6.15	16	9.8	2	40x40	1000
XRC2-WSLT01	10	1.6	10	5.8	3	20x20	1000
XRC3-WSLT01	13	2.3	13	7.9	3	30x30	1000
XRC4-WSLT01	16	6.15	16	9.8	3	40x40	1000
XRC2-TH01	10	1.6	10	5.8	4	20x20	1000
XRC3-TH01	13	2.3	13	7.9	4	30x30	1000
XRC4-TH01	16	6.15	16	9.8	4	40x40	1000

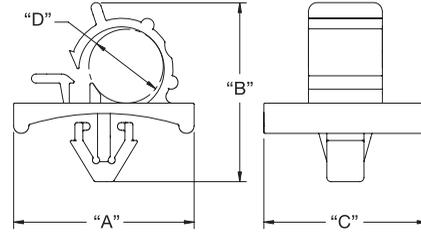
# TWIST TIES AND CABLE CLIPS

## Plug In Locking Clip

SR 2066

PKKL

Natural UL94 V2 Nylon 6/6, RMS-01



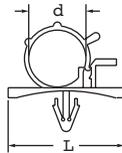
Part Number	Dimensions (mm)						Standard Pack Quantity
	"A"	"B"	"C"	Holding Ø "D"	Mounting Hole Ø	Panel Thickness	
PKKL-3	25.9	23.4	17.0	9.5	6.5	0.8-1.6	200
PKKL-3S	21.1	21.0	19.1	7.8	6.5	0.8-1.6	200
PKKL-4	30.3	32.0	19.4	13.5	6.5	0.8-1.6	100

## Push-In Cable Clamps

SR 1786

Grey Nylon 6.6

- Easy one-push fit
- One size fits a range of cable diameters
- Flammability rating UL94 V2
- One standard panel hole diameter of 4.8mm

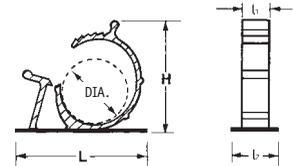


Part Number	Cable Diameter (mm) d	Dimensions (mm)		Standard Pack Quantity
		L		
460311	6-7	25.0		100
460312	7-8	25.0		100
460313	9-10	30.0		100
460314	12-14	30.0		100
460315	16-18	30.0		100

## Cable Clips

SR 1793

Natural Nylon



Part Number	Diameter Range (mm)	Dimensions (mm)				Standard Pack Quantity
		L	L <sub>2</sub>	H	L <sub>1</sub>	
32545	14.7 - 19.1	42.0	25.0	37.0	12.5	100
32546	18.5 - 23.0	41.5	21.5	43.0	11.3	100

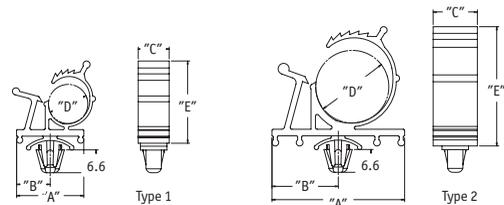
All products include a self-adhesive base

## Plug In Adjustable Clip

SR 2067

PAKKL

Natural



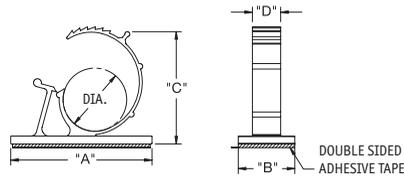
UL94V2, RMS-01	UL94 V0, RMS-19	Type	Dimensions (mm)						Standard Pack Quantity	
			"A"	"B"	"C"	"D" Holding Ø	"E"	Mounting Hole Ø		Mounting Hole Panel Thickness
PAKKL-3140-01	PAKKL-3140-19	1	19.1	9.7	8.9	7.9 - 10.2	23.8	6.35	0.8 - 1.5	100
PAKKL-4756-01	PAKKL-4756-19	1	31.5	15.7	10.2	11.9 - 14.3	29.8	6.35	0.8 - 1.5	100
PAKKL-5775-01	PAKKL-5775-19	2	38.1	19.1	12.7	14.7 - 19.1	34.5	6.35	0.8 - 1.5	100

## Adjustable Kwik Klip

SR 2068

AKKL

Natural



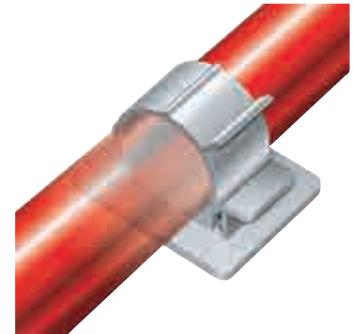
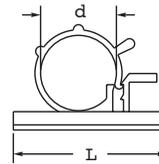
Part Number		Dimensions (mm)						Adhesive	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Bundle Ø Range Ref.	"A"	"B"	"C" Ref.	"D"			
AKKL-2140A-RT	AKKL-2140A-19	5.5 - 6.5	21.6	16.5	18.0	10.0	RMS-136	100	
AKKL-3140A4-RT	AKKL-3140A4-19	7.9 - 10.3	25.4	19.1	22.0	10.2	RMS-324	100	
AKKL-4756A4-RT	AKKL-4756A4-19	11.9 - 14.3	31.8	19.1	27.7	10.2	RMS-324	100	
AKKL-5775A4-RT	AKKL-5775A4-19	14.7 - 19.1	38.1	19.1	31.8	12.7	RMS-324	100	
AKKL-8710A-RT	AKKL-8710A-19	22.2 - 25.4	50.8	25.4	44.5	12.7	RMS-15	100	
AKKL-10112A-RT	AKKL-10112A-19	25.4 - 31.7	63.5	25.4	50.8	12.7	RMS-15	100	
AKKL-2140-01	AKKL-2140-19	5.5 - 6.5	21.6	16.5	18.0	10.0	No Adhesive	100	
AKKL-3140-01	-	7.9 - 10.3	25.4	19.1	22.0	10.2	No Adhesive	100	
AKKL-4756-01	-	11.9 - 14.3	31.8	19.1	27.7	10.2	No Adhesive	100	
AKKL-5775-01	-	14.7 - 19.1	38.1	19.1	31.8	12.7	No Adhesive	100	
AKKL-8710-01	AKKL-8710-19	22.2 - 25.4	50.8	25.4	44.5	12.7	No Adhesive	100	
-	AKKL-10112-19	25.4 - 31.7	63.5	25.4	50.8	12.7	No Adhesive	100	

## Adhesive Cable Clamp

SR 1789

Grey Nylon 6.6

- Flammability rating UL94 V2
- Backed with high-quality adhesive tape



Grey Nylon 6.6

Part Number	Cable Diameter (mm) d	Dimensions (mm)		Standard Pack Quantity
		L		
460306	6-7	25.0		100
460307	7-8	25.0		100
460308	9-10	30.0		100
460309	12-14	30.0		100
460310	16-18	30.0		100

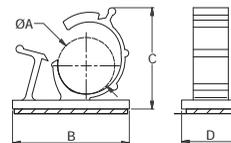
## Side Lock Adhesive Mount Adjustable Clamp

SR 2069

AKKSL

Natural Nylon UL94 V2 Nylon 6/6

- Side locks on top of clamp to prevent clip from sliding open
- Ratcheting clip holds bundle securely in place



Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
AKKSL-8710A-RT	22.2-25.4	50.8	44.5	25.4	100

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Page 350



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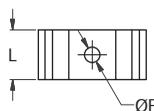
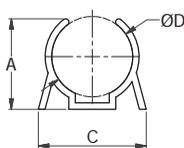
## Screw Mount Component Clip

SR 2070

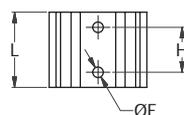
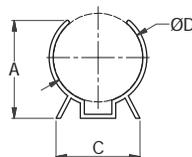
V/VM

Black

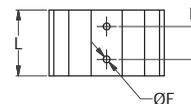
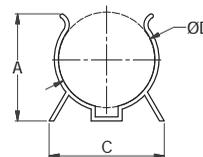
- Legs prevent shifting and tipping
- Mounts securely with screws or rivets
- Holds parts firmly
- VM series have smooth edges which protect the components from wear and abrasion



Type 1



Type 2



Type 3

Part Number		Cable Diameter (mm) D	Mounting Hole Diameter (mm) F	Dimensions (mm)				Adjustability	Number of Holes	Type	Standard Pack Quantity
UL94 V0 PVC	UL94 V0 Nylon 6/6			A	C	H	L				
V-1000	-	6.4	2.4	7.5	12.7	Single hole in centre	12.7	Fixed	1	1	1000
V-1001	-	7.9	2.4	9.1	12.7	Single hole in centre	12.7	Fixed	1	1	1000
V-1002	-	9.5	2.4	10.3	12.7	Single hole in centre	12.7	Fixed	1	1	1000
V-1003	-	11.1	2.4	11.5	13.1	Single hole in centre	12.7	Fixed	1	1	1000
V-1004	-	12.7	2.4	12.7	16.7	Single hole in centre	12.7	Fixed	1	1	1000
V-1005	-	14.3	2.4	15.5	18.3	Single hole in centre	12.7	Fixed	1	1	1000
V-1006	-	15.9	2.4	15.9	21.0	Single hole in centre	12.7	Fixed	1	1	1000
V-1007	-	17.6	4.0	15.9	21.0	Single hole in centre	12.7	Fixed	1	1	1000
V-1008	-	19.7	4.0	19.8	22.6	Single hole in centre	12.7	Fixed	1	1	100
V-1009	-	22.2	4.0	23.0	27.4	Single hole in centre	12.7	Fixed	1	1	100
V-1010	-	25.4	4.0	25.0	28.6	19.1	28.5	Fixed	2	2	100
V-1011	-	34.9	4.0	34.1	31.8	19.1	28.5	Fixed	2	2	100
V-1024	-	38.1	4.0	46.0	36.1	19.1	44.5	Fixed	2	3	100
V-1028	-	44.5	4.0	48.8	38.1	19.1	44.5	Fixed	2	3	100
V-1030	-	2.75-69.9	4.0	61.9	66.3	19.1	38.1	Adjustable	2	3	50
-	VM-1002	9.5	2.8	11.2	13.7	Single hole in centre	12.7	Fixed	1	1	100
-	VM-1004	12.7	2.8	13.2	19.1	Single hole in centre	12.7	Fixed	1	1	100
-	VM-1007	17.5	3.8	19.8	20.8	Single hole in centre	12.7	Fixed	1	1	100
-	VM-1008	19.1	3.8	24.6	24.9	Single hole in centre	12.7	Fixed	1	1	100
-	VM-1010	25.4	3.8	26.1	31.8	19.1	28.4	Fixed	2	2	100
-	VM-1011	34.9	3.8	38.4	34.8	19.1	29.5	Fixed	2	2	100
-	VM-1024	38.1	3.8	42.4	38.1	19.1	43.2	Fixed	2	2	100
-	VM-1030	57.2	3.8	63.5	76.2	19.1	38.6	Fixed	2	3	100

# TWIST TIES AND CABLE CLIPS

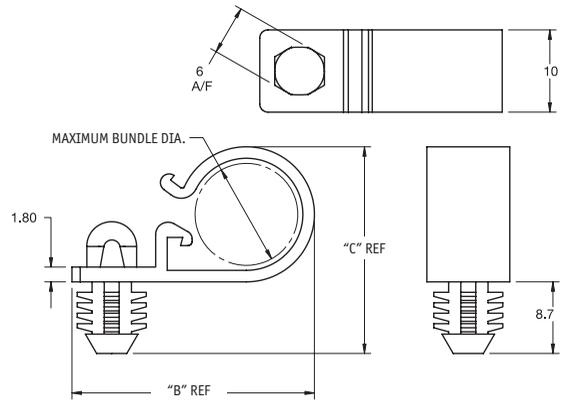
## Blind Hole Mounted Clip

SR 2071

BHLWHC

Natural Nylon 6/6, RMS-01

- Easily pushed into mounting hole using a standard 6mm hexagonal socket pressed onto the mounting head



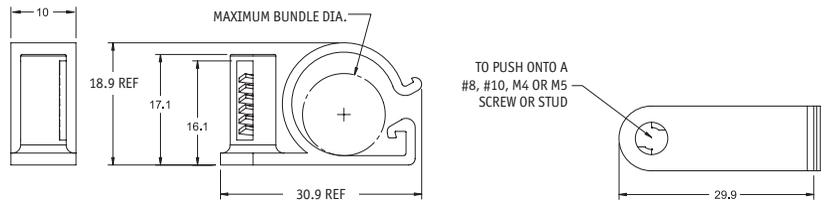
Part Number	Dimensions (mm)					Standard Pack Quantity
	Maximum Bundle Ø	Mounting Hole Ø	Dimension "B"	Dimension "C"	Panel Thickness	
BHLWHC-500-01	12.7	7.92 ± 0.05	29.3	25.4	6.35 Min.	1000
BHLWHC-750-01	19.1	7.92 ± 0.05	36.5	34.1	6.35 Min.	1000

## Stud Mount Clamp

SR 2072

SMWHC

Natural UL94 V-2 Nylon 6/6, RMS-01

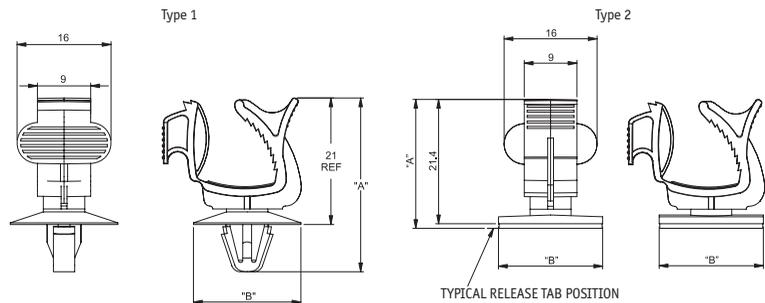
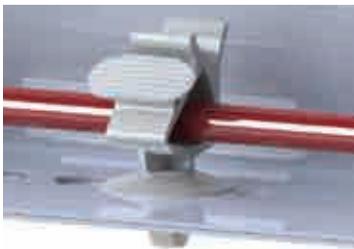


Part Number	"A" Max. Holding Ø (mm)	Standard Pack Quantity
SMWHC-500-01	12.7	500

## Webbed Adjustable Clip

SR 2073

WAC



Part Number		Type	"A" (mm)	"B" (mm)	Mounting Method	Cable Bundle Ø	Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6, RMS-01	Black UL94 V-2 UV Stabilised Nylon 6/6, RMS-46	1	26.5	18.4	Snap lock 4 - 4.8 Ø hole, 0.5-1.6 panel thickness	3-8.5	500
WAC1-01	WAC1-UVB	1	29.5	18.4	Snap lock 6 - 6.8 Ø hole, 0.5-2.5 panel thickness	3-8.5	1000
WAC2-01*	WAC2-UVB	1	29.5	18.4	Snap lock 6 - 6.8 Ø hole, 0.5-2.5 panel thickness	3-8.5	1000
WAC3-01A4-RT	-	2	22.2	17.8	0.8 Thick double sided adhesive tape, RMS-324	3-8.5	1000

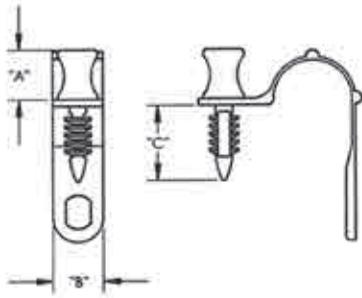
\*Standard pack quantity 500

## Quick Install Cable Clamps

SR E-0014

Natural PA 6.6

- Fits a 4.76 mm hole



Part Number	Dimensions (mm)				Standard Pack Quantity
	Bundle Diameter	A	B	C	
22QCC187250	6.35	9.53	9.53	13.41	1000
22QCC187312	7.94	9.53	9.53	13.41	1000
22QCC187375	9.53	9.53	9.53	13.41	1000
22QCC187437	11.1	9.53	9.53	13.41	1000

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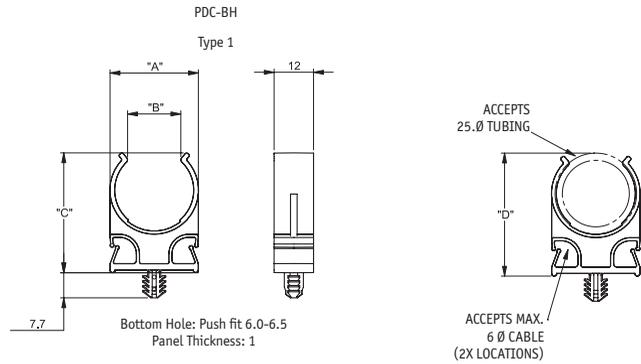
# WIRE SADDLES

## Dual Cable and Pipe Clip

SR 2077

PDC/PDCBH

Natural UL94 V2 Nylon 6/6, RMS-01

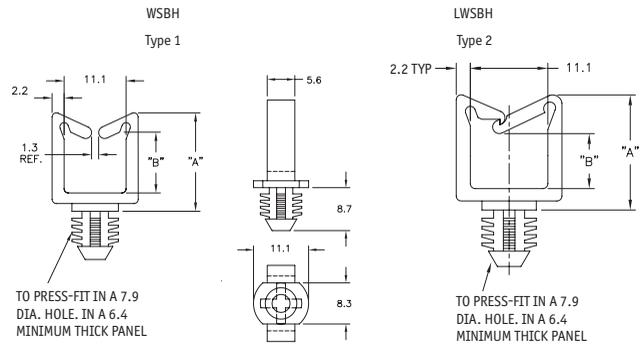


Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		"A"	"B"	"C"	"D"	
PDCBH-1-01	1	27	16	36.7	37.7	500

## Wire Saddle with Blind Hole Mount

SR 2078

WSBH/LWSBH

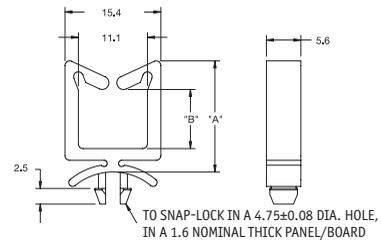


Part Number		Type	"A" (mm)	"B" (mm)	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19				
WSBH-1-01	WSBH-1-19	1	13.2	4.8	1000
WSBH-2-01	WSBH-2-19	1	18.0	9.7	1000
WSBH-3-01	WSBH-3-19	1	27.2	18.8	1000
WSBH-4-01	WSBH-4-19	1	35.0	26.7	1000
LWSBH-1-01	LWSBH-1-19	2	13.2	3.6	1000
LWSBH-2-01	LWSBH-2-19	2	18.0	8.4	1000
LWSBH-3-01	-	2	27.2	17.5	1000
LWSBH-4-01	LWSBH-4-19	2	35.0	25.4	1000

## Wire Saddle

SR 2079

WS



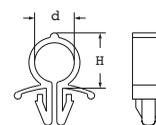
Part Number		Type	"A" (mm)	"B" (mm)	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19				
WS-1-01	WS-1-19	1	13.2	4.8	1000
WS-2-01	WS-2-19	1	18.0	9.7	1000
WS-3-01	WS-3-19	1	27.2	18.8	1000
WS-4-01	WS-4-19	1	35.0	26.7	1000

## Push-In Wire Saddles

SR 1783

Natural Nylon 6.6

- Easy one-push fit
- One size fits a range of cable diameters
- Choice of four styles
- Flammability rating UL94-V2



Type 1

### Type 1 (Omega Clip)

Part Number	Mounting Hole (mm)	Dimensions (mm)		Panel Thickness (mm)	Standard Pack Quantity
		d	H		
460319	6.2	7.5	11.0	2.0	100

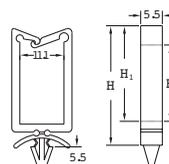
Fits 6.2mm panel hole.

- Permanent retention of cable close to fixing point

### Type 3 (Square/Rectangular Locking Wire Saddle)

Part Number	Mounting Hole (mm)	Dimensions (mm)			Panel Thickness (mm)	Standard Pack Quantity
		H	H1	H2		
460321	4.8	12.7	9.2	2.8	2.0	100
497649	4.8	12.7	9.2	4.0	2.0	500
497636	4.8	17.9	11.4	8.6	2.0	500
497639	4.8	26.9	23.4	18.2	2.0	500
460325	4.8	34.8	31.3	26.2	2.0	100
460324	4.8	18.0	15.7	12.5	2.0	100
497650	4.8	34.8	31.3	26.2	2.0	500

All sizes fit 4.8mm panel hole.



Type 3

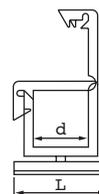
- Range of sizes to accommodate a number of cables or cable sizes

## Adhesive Wire Saddles

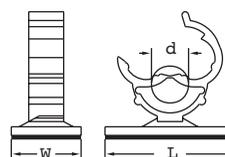
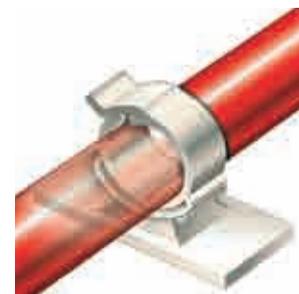
SR 1784

Natural Nylon 6.6

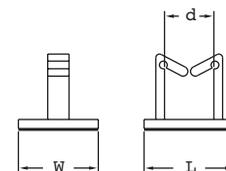
- Strong adhesion for quick and easy installation
- One size fits a range of cable diameters
- Flammability rating UL94-V2



Type 1



Type 2



Type 3

Part Number	Type	Dimensions (mm)			Standard Pack Quantity
		d	W	L	
460316	1	11.2	19.8	20.0	100
460317	2	8.5	16.0	29.8	100
460318	3	11.3	18.3	20.7	100

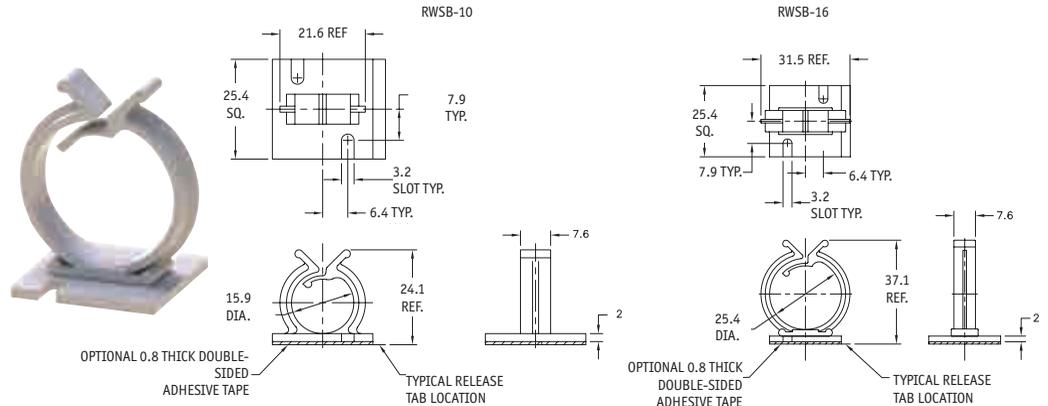
# WIRE SADDLES

## Round Wire Saddle on Base

SR 2080

RWSB

Natural Adhesive Back, RMS-15

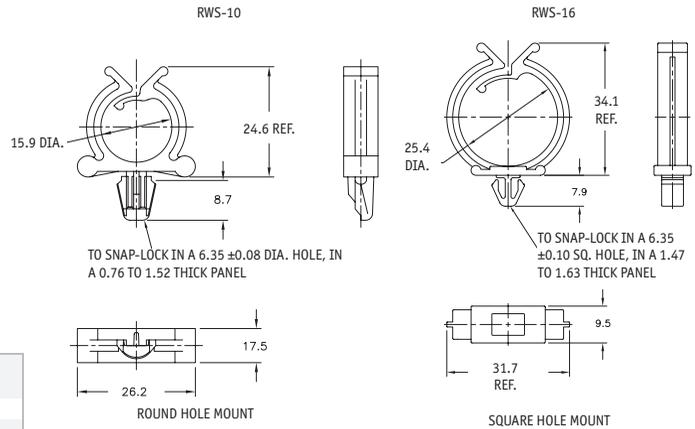


RWSB-10		RWSB-16		Material	Standard Pack Quantity
W/O Tape	With Tape	W/O Tape	With Tape		
RWSB-10-01	RWSB-10-01A-RT	RSWB-16-01	RWSB-16-01A-RT	Nylon 6/6, RMS-01	1000
RWSB-10-19	RWSB-10-19A-RT	RSWB-16-19	-	UL94 V-0 Nylon 6/6, RMS-19	1000

## Round Wire Saddle

SR 2081

RWS



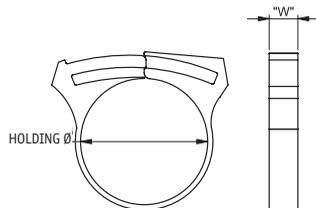
Natural Nylon 6/6, RMS-01	Black Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Standard Pack Quantity
RWS-10-01	RWS-10-01BK	RWS-10-19	1000
RWS-16-01	RWS-16-01BK	RWS-16-19	1000

## Snap-It Hose Clamp

SR 2082

SHCE

Black Nylon 6/6, RMS-437



Hose clamp is black

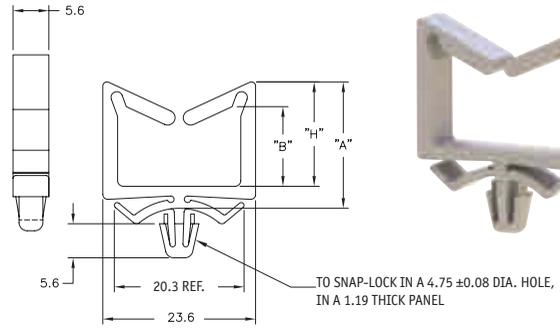
Part Number	Holding Ø	"W"	Standard Pack Quantity
135010159902	6.6-8	5	100
135010259902	8-9.2	5	100
135010359902	9.2-10.5	5	100
135010459902	10.2-12	6	100
135010559902	12-13.5	6	100
135010659902	12.8-15	7	100
135010759902	15-17.2	7	100
135010859902	17-18.5	7	100
135010959902	18.2-20.5	7	100
135011059902	20.5-23	7	100
135011159902	22-25	7	100
135011259902	25-28	7	100
135011359902	27-30	7.5	100
135011459902	29.5-32.5	7.5	100
135011559902	32.5-35.5	8	100
135011659902	35-38	8	100
135011759902	38-41.5	8	50
135011859902	41-44.5	8	50
135011959902	44-47.5	8	50
135012059902	47-50.5	8	50

## Wide Wire Saddle

SR 2083

WWS

UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	"B"	"H"	Standard Pack Quantity
WWS-A-2-01	WWS-A-2-19	19.6	12.7	16.3	1000
WWS-A-3-01	WWS-A-3-19	28.5	21.6	25.2	1000



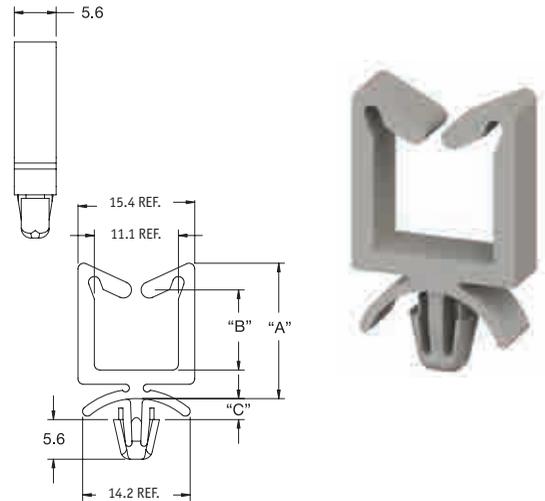
## Wire Saddle, Arrowhead Mount

SR 2084

WS-A

Natural

Part Number		"A"	"B"	"C"	Mounting Hole Ø	Panel Thickness	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19						
WS-A-1-01	WS-A-1-19	13.2	4.8	2.8	4.75	1.6	1000
WS-A-2-01	WS-A-2-19	18.0	9.7	2.8	4.75	1.6	1000
WS-A-3-01	WS-A-3-19	27.2	18.8	2.8	4.75	1.6	1000
WS-A-4-01	WS-A-4-19	35.0	26.7	2.8	4.75	1.6	1000
WS-A-2-1-01	WS-A-2-1-19	13.2	4.8	3.8	4.75	3.2	1000
WS-A-2-2-01	WS-A-2-2-19	18.0	9.7	3.8	4.75	3.2	1000
WS-A-2-3-01	WS-A-2-3-19	27.2	18.8	3.8	4.75	3.2	1000
WS-A-2-4-01	WS-A-2-4-19	35.0	26.7	3.8	4.75	3.2	1000



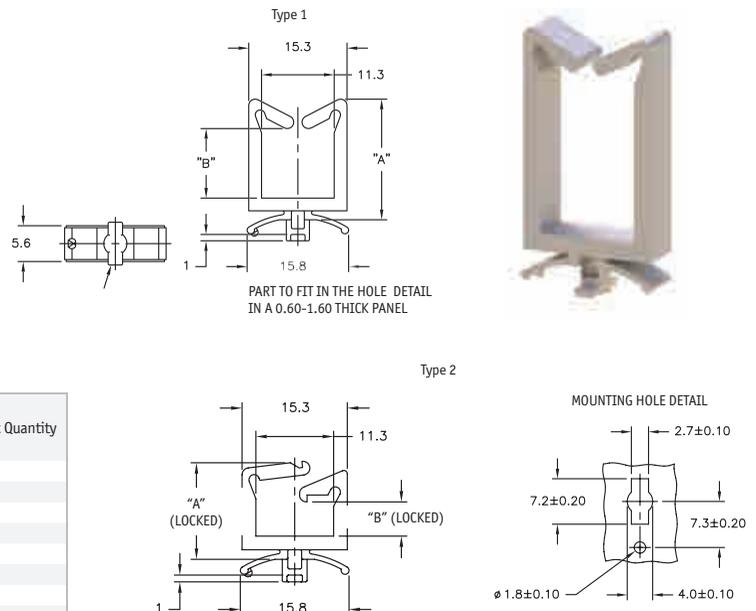
## Wire Saddle, Quarter Turn

SR 2085

WS-9/LWS-9

Natural

Part Number		Type	"A" (mm)	"B" (mm)	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19				
WS-9-1-01	WS-9-1-19	1	13.0	4.8	1000
WS-9-2-01	WS-9-2-19	1	17.8	10.0	1000
WS-9-3-01	-	1	26.9	19.1	1000
WS-9-4-01	WS-9-4-19	1	34.8	27.2	1000
LWS-9-1-01	-	2	13.0	3.8	1000
LWS-9-2-01	LWS-9-2-19	2	18.0	9.8	1000
LWS-9-3-01	-	2	27.2	19.0	1000
LWS-9-4-01	-	2	35.1	26.8	1000



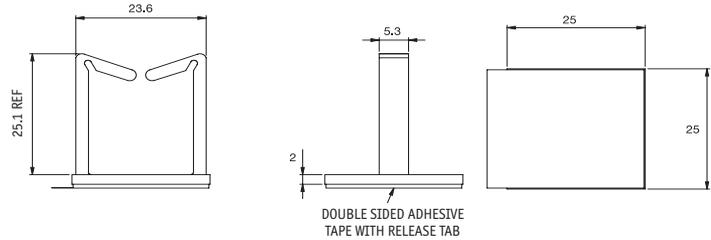
# WIRE SADDLES

## Wire Saddle on Adhesive Base

SR 2086

WWSB

Natural Nylon 6/6, RMS-148 Double Adhesive Back, RMS-324



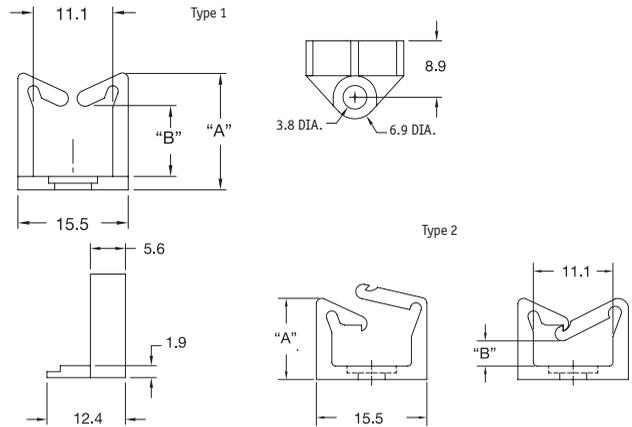
Part Number	Standard Pack Quantity
WWSB-3-148A-RT	500

## Wire Saddle- Snap Rivet Mount

SR 2087

WS-SR/LWS-SR

Natural



Part Number		Type	Dimensions (mm)			Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		"A"	"B"	Mounting Hole Ø	
WS-SR-1-01	WS-SR-1-19	1	11.4	4.3	3.6 - 3.7	1000
WS-SR-2-01	WS-SR-2-19	1	16.3	9.1	3.6 - 3.7	1000
WS-SR-3-01	-	1	25.4	18.5	3.6 - 3.7	1000
WS-SR-4-01	WS-SR-4-19	1	33.3	26.4	3.6 - 3.7	1000
LWS-SR-1-01	LWS-SR-1-19	2	11.4	3.6	3.6 - 3.7	1000
LWS-SR-2-01	LWS-SR-2-19	2	16.3	8.6	3.6 - 3.7	1000
LWS-SR-3-01	LWS-SR-3-19	2	25.4	18.3	3.6 - 3.7	1000
-	LWS-SR-4-19	2	33.3	25.4	3.6 - 3.7	1000

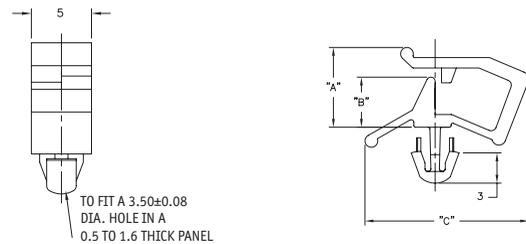
Use Richco Rivet Number	For Chassis Thickness Range (mm)	Standard Pack Quantity
SR-3535	0.3-1.2	1000
SR-3545	1.2-2.1	1000
SR-3550	1.8-2.7	1000
SR-3555	2.1-3	1000
SR-3560	2.8-3.7	1000
SR-3570	3.6-4.6	1000
SR-3580	4.6-5.6	1000

## Wire Saddle, Side Entry

SR 2088/89

WS-SE1

Natural

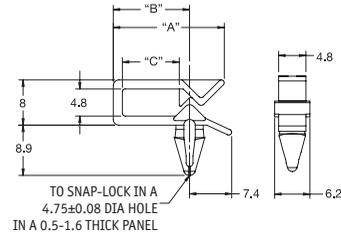


Part Number		Dimensions (mm)			Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	"B"	"C"	
WS-SE1-1-01	WS-SE1-1-19	4.8	2.4	12.7	1000
WS-SE1-2-01	-	6.7	4.2	15.1	1000
WS-SE1-3-01	WS-SE1-3-19	8.5	5.7	20.3	1000

### Wire Saddle, Side Entry

SR 2090  
WS-SE2  
Natural

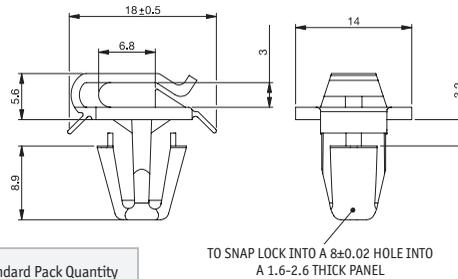
Part Number		Dimensions (mm)			Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	"B"	"C"	
WS-SE2-1-01	-	16.6	10.5	7.1	1000
WS-SE2-2-01	WS-SE2-2-19	19.5	13.4	10.0	1000



### Wire Saddle, Side Entry

SR 1991  
WS-SE3  
Natural

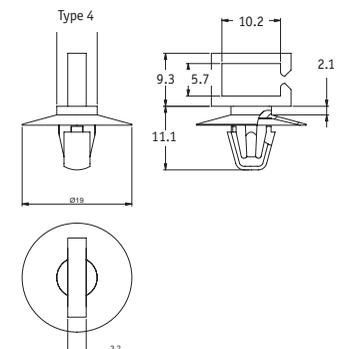
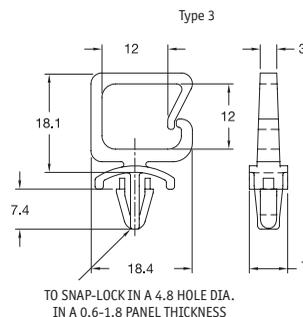
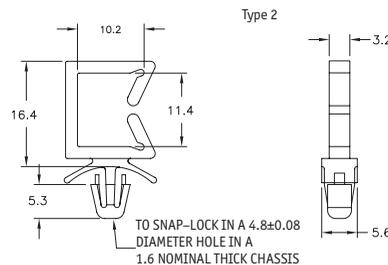
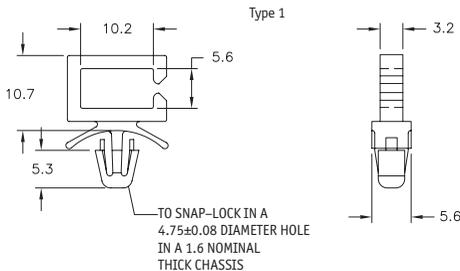
Part Number		Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	
WS-SE3-1-01	WS-SE3-1-19	1000



### Wire Saddle, Side Entry

SR 2092  
WS-SE-A  
Natural

Part Number		Type	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		
WS-SE-A-1-01	WS-SE-A-1-19	1	1000
WS-SE-A-2-01	WS-SE-A-2-19	2	1000
WS-SE-A-3-01	WS-SE-A-3-19	3	1000
WS-SE-A-4-01	WS-SE-A-4-19	4	1000



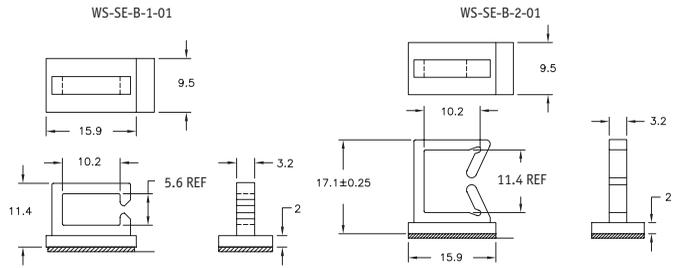
# WIRE SADDLES

## Side Entry Wire Saddle on Adhesive Base

SR 2093

WS-SE-B

Natural UL94 V2 Nylon 6/6, RMS-01



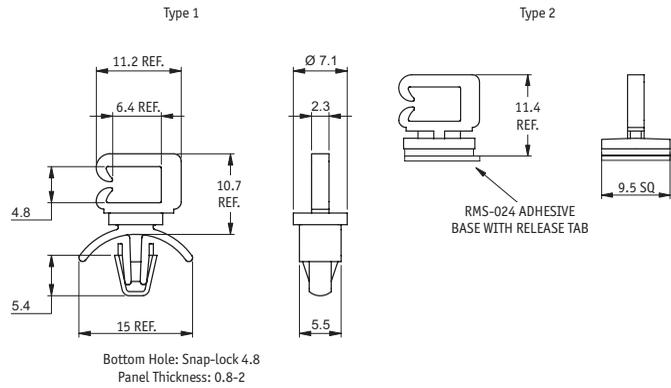
Part Number	Adhesive	Standard Pack Quantity
WS-SE-B-1-01A	Acrylic, RMS-15	1000
WS-SE-B-2-01A	Acrylic, RMS-15	1000

## Wire Saddle – Side Entry

SR 2094

WS-SE-C

Natural UL94 V0 Nylon 6/6, RMS-19



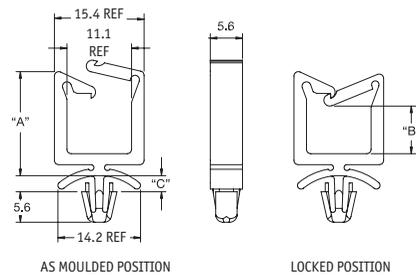
Part Number	Type	Standard Pack Quantity
WS-SE-C-1-19	1	1000
WS-SE-C-1-19A	2	1000

## Locking Wire Saddle, Arrowhead Mount

SR 2095

LWS-A

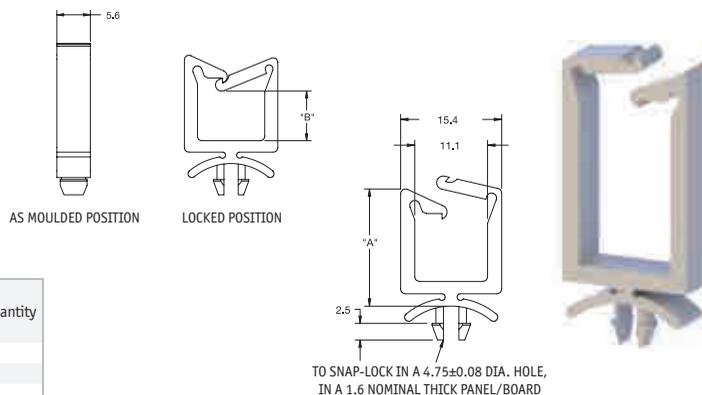
Natural



Part Number		Dimensions (mm)					Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	"B"	"C"	Mounting Hole Ø	Panel Thickness	
LWS-A-1-01	LWS-A-1-19	13.2	3.6	2.8	4.75	1.6	1000
LWS-A-2-01	LWS-A-2-19	18.0	8.4	2.8	4.75	1.6	1000
LWS-A-3-01	LWS-A-3-19	27.2	17.5	2.8	4.75	1.6	1000
LWS-A-4-01	LWS-A-4-19	35.0	25.4	2.8	4.75	1.6	1000
LWS-A-2-1-01	LWS-A-2-1-19	13.2	3.6	3.8	4.75	3.2	1000
LWS-A-2-2-01	LWS-A-2-2-19	18.0	8.4	3.8	4.75	3.2	1000
LWS-A-2-3-01	LWS-A-2-3-19	27.2	17.5	3.8	4.75	3.2	1000
LWS-A-2-4-01	LWS-A-2-4-19	35.0	25.4	3.8	4.75	3.2	1000

## Locking Wire Saddle

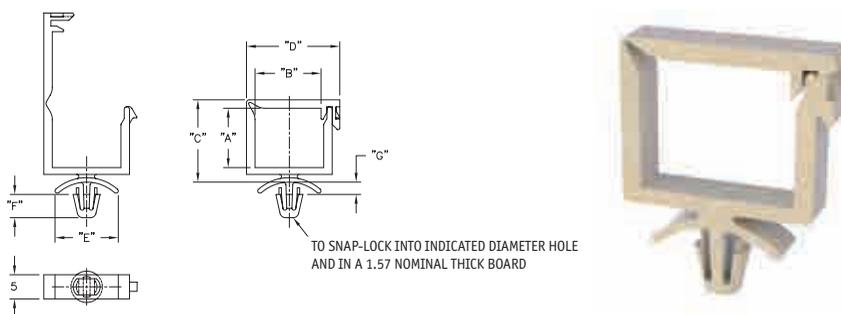
SR 2096  
LWS  
Natural



Part Number		"A" (mm)	"B" (mm)	Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19			
LWS-1-01	LWS-1-19	13.2	3.6	1000
LWS-2-01	LWS-2-19	18.0	8.4	1000
LWS-3-01	LWS-3-19	27.2	17.5	1000
LWS-4-01	LWS-4-19	35.0	25.4	1000

## Wire Saddle, Locking Top

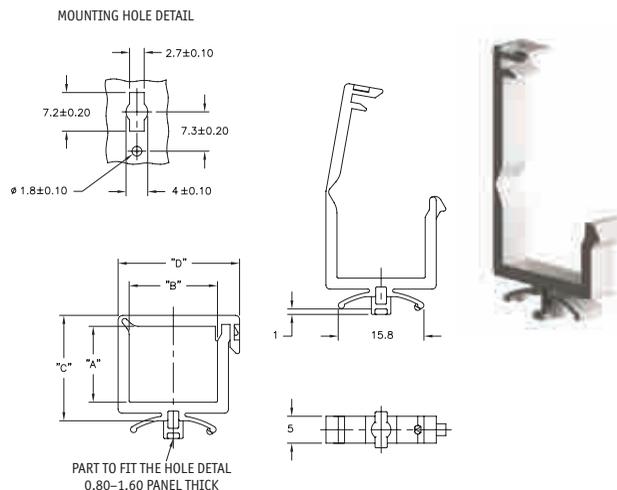
SR 2097  
WSLT



Natural Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	Dimensions (mm)								Hole $\varnothing \pm 0.08$	Standard Pack Quantity
		"A"	"B"	"C"	"D"	"E"	"F"	"G"			
WSLT-3.5-2-1-01	WSLT-3.5-2-1-19	3.4	13.5	8.9	19.6	9.5	3.0	2.5	3.5	1000	
WSLT-02-1-01	WSLT-02-1-19	3.4	13.5	9.4	19.6	14.3	5.6	2.8	4.75	1000	
WSLT-01A-01	WSLT-01A-19	4.8	10.7	10.6	16.8	14.3	5.6	2.8	4.75	1000	
WSLT-01-2-01	WSLT-01-2-19	8.8	10.7	14.6	16.8	14.3	5.6	2.8	4.75	1000	
WSLT-02A-01	WSLT-02A-19	10.0	16.3	15.8	22.4	14.3	5.6	2.8	4.75	1000	
WSLT-03-2-01	WSLT-03-2-19	14.1	16.3	19.6	22.4	14.3	5.6	2.8	4.75	1000	
WSLT-03-3-01	WSLT-03-3-19	21.7	18.0	27.3	24.1	14.3	5.6	2.8	4.75	1000	

## Wire Saddle, Locking Top Quarter-Turn Base

SR 2098  
WSLT-9



Part Number		Dimensions (mm)				Standard Pack Quantity
Natural Nylon 6/6, RMS-01	Natural UL94 V0 Nylon 6/6, RMS-19	"A"	"B"	"C"	"D"	
WSLT-9-01A-01	WSLT-9-01A-19	4.8	10.7	10.2	16.8	1000
WSLT-9-01-2-01	WSLT-9-01-2-19	9.1	10.7	14.4	16.8	1000
-	WSLT-9-02-1-19	3.6	13.5	9.1	19.6	1000
WSLT-9-02A-1-01	WSLT-9-02A-1-19	10	16.3	15.2	22.4	1000
WSLT-9-03-2-01	WSLT-9-03-2-19	14.1	16.3	19.2	22.4	1000
WSLT-9-03-3-01	-	21.7	18	26.8	24.1	1000

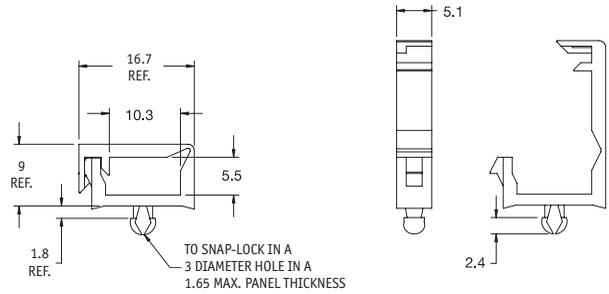
# WIRE SADDLES

## Wire Saddle Locking Top Teardrop

SR 2099

WSLT-T

Natural UL94 V0 Nylon 6/6, RMS-19



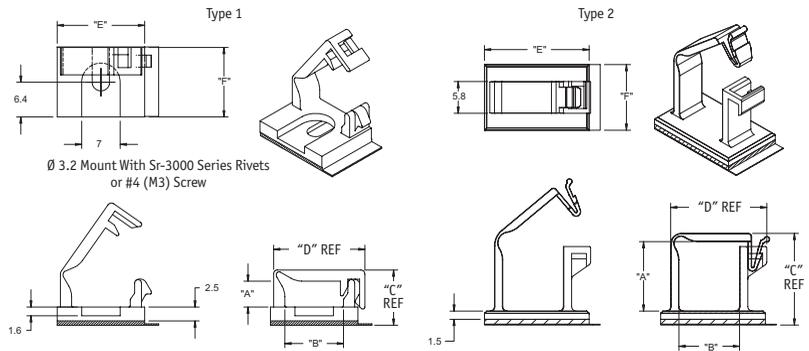
Part Number	Standard Pack Quantity
WSLT-T-01A-19	1000

## Wire Saddle Locking Top on Base

SR 2100

WSLTB

Natural UL94 V0 Nylon, 6/6, RMS-19; Adhesive back, RMS-15



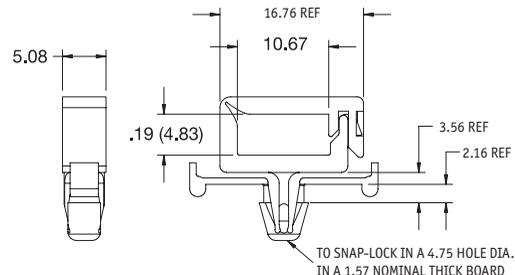
Part Number	Type	Dimensions (mm)						Mounting Method	Standard Pack Quantity
		"A"	"B"	"C"	"D"	"E"	"F"		
WSLTB-01A-19A	1	4.8	10.7	10.4	16.8	16.0	12.7	Acrylic Adhesive, RMS-15	1000
WSLTB-01A-19	1	4.8	10.7	9.6	16.8	16.0	12.7	Any *SR-3XXX rivet or #4 or M3 screw	1000
WSLTB-02A-19A	1	10.0	16.3	15.5	22.4	21.5	12.7	Acrylic Adhesive, RMS-15	1000
WSLTB-02A-19	1	10.0	16.3	14.7	22.4	21.5	12.7	Any *SR-3XXX rivet or #4 or M3 screw	1000
WSLTB-03A-19A	2	12.7	11.0	16.8	17.5	19.0	12.0	Acrylic Adhesive	1000

## Wire Saddle with Releasable Arrowhead

SR 2101

WSLTRA-1-01

Natural Nylon 6/6, RMS-01



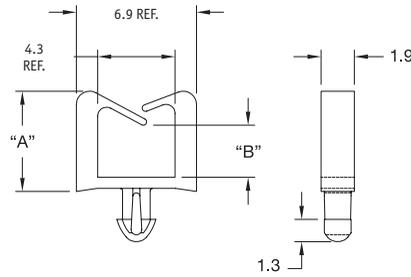
Part Number	Standard Pack Quantity
WSLTRA-1-01	1000

### Micro Wire Saddle

SR 2102

MWS

Natural



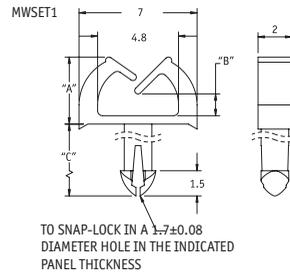
Part Number		Dimensions (mm)				Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	"B"	Mounting Hole Ø	Panel Thickness	
MWS-1-01	MWS-1-19	5.8	3.0	1.75	1.57	1000
MWS1-1-01	MWS1-1-19	5.8	3.0	1.75	2.36	1000
-	MWS-2-19	11.2	8.5	1.75	1.60	1000
-	MWS-3-19	11.2	8.5	1.75	2.20	1000

### Micro Wire Saddle

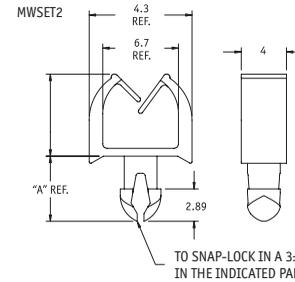
SR 2103

MWSET

Natural



TO SNAP-LOCK IN A 3-7±0.08 DIAMETER HOLE IN THE INDICATED PANEL THICKNESS



TO SNAP-LOCK IN A 3±0.05 HOLE DIAMETER IN THE INDICATED PANEL THICKNESS



Part Number		Dimensions (mm)				Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon, 6/6, RMS-19	"A"	"B"	"C"	Panel Thickness	
MWSET1-1-01	MWSET1-1-19	4	0.9	3.3	1.6	1000
MWSET1-2-01	MWSET1-2-19	6	2.9	3.3	1.6	1000
MWSET1-1-1-01	MWSET1-1-1-19	4	0.9	4.1	2.4	1000
MWSET1-2-1-01	MWSET1-2-1-19	6	2.9	4.1	2.4	1000

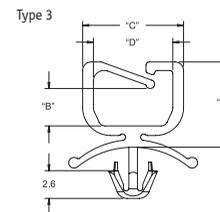
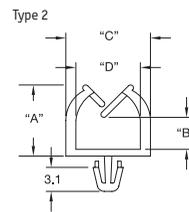
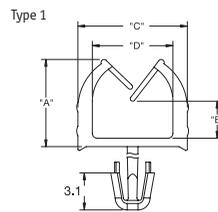
Part Number		Dimensions (mm)		Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon, 6/6, RMS-19	"A"	Panel Thickness	
MWSET2-1-01	MWSET2-1-19	4.29	1-1.2	1000
MWSET2-2-01	MWSET2-2-19	4.79	1.2-1.6	1000

### Micro Wire Saddle

SR 2104

MWSEA

Natural

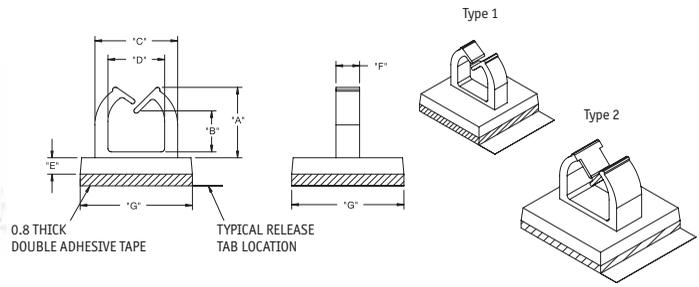


Part Number		Type	Dimensions (mm)						Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon, 6/6, RMS-19		Hole Ø	Panel Thickness	"A"	"B"	"C"	"D"	
MWSEA1-1-01	MWSEA1-1-19	1	3	1.6	7.3	3.0	9.1	6.6	1000
MWSEA2-1-01	MWSEA2-1-19	1	3.5	1.6	7.3	3.0	9.1	6.6	1000
MWSEA1-1-1-01	MWSEA1-1-1-19	1	3.0	2.4	7.3	3.0	9.1	6.6	1000
MWSEA2-1-1-01	MWSEA2-1-1-19	1	3.5	2.4	7.3	3.0	9.1	6.6	1000
MWSEA1-2-01	MWSEA1-2-19	1	3.0	1.6	9.1	3.9	10.8	8.1	1000
MWSEA2-2-01	MWSEA2-2-19	1	3.5	1.6	9.1	3.9	10.8	8.1	1000
MWSEA1-1-2-01	MWSEA1-1-2-19	1	3.0	2.4	9.1	3.9	10.8	8.1	1000
MWSEA2-1-2-01	MWSEA2-1-2-19	1	3.5	2.4	9.1	3.9	10.8	8.1	1000
MWSEA1-3-01	MWSEA1-3-19	1	3.0	1.6	11.2	6.0	12.0	9.1	1000
MWSEA2-3-01	MWSEA2-3-19	1	3.5	1.6	11.2	6.0	12.0	9.1	1000
MWSEA1-1-3-01	MWSEA1-1-3-19	1	3.0	2.4	11.2	6.0	12.0	9.1	1000
MWSEA2-1-3-01	MWSEA2-1-3-19	1	3.5	2.4	11.2	6.0	12.0	9.1	1000
MWSEA1-4-01	MWSEA1-4-19	1	3.0	1.6	13.0	7.7	12.0	9.1	1000
MWSEA2-4-01	MWSEA2-4-19	1	3.5	1.6	13.0	7.7	12.0	9.1	1000
MWSEA1-1-4-01	MWSEA1-1-4-19	1	3.0	2.4	13.0	7.7	12.0	9.1	1000
MWSEA2-1-4-01	MWSEA2-1-4-19	1	3.5	2.4	13.0	7.7	12.0	9.1	1000
MWSEA3-2-01	MWSEA3-2-19	2	3.5	1.6	9.1	3.9	10.8	8.1	1000
MWSEA4-1-01	MWSEA4-1-19	3	3.5	0.6-1.6	8.0	3.5	9.4	7.4	1000

# WIRE SADDLES

## Micro Wire Saddle on Adhesive Base

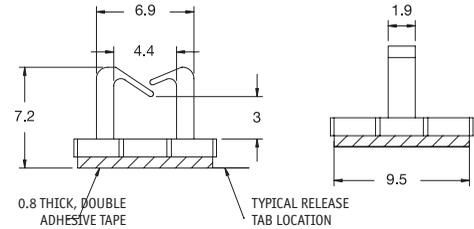
SR 2105  
MWSEB  
Natural



Part Number		Type	Dimensions (mm)									Adhesive Material	Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		"A"	"B"	"C"	"D"	"E"	"F"	"G"				
MWSEB-1-01A2-RT	MWSEB-1-19A2-RT	1	4.0	1.3	7.0	4.8	1.6	2.0	9.5	RMS-24	1000		
MWSEB-2-01A2-RT	MWSEB-2-19A2-RT	1	6.0	3.3	7.0	4.8	1.6	2.0	9.5	RMS-24	1000		
MWSEB-3-01A2-RT	MWSEB-3-19A2-RT	2	7.3	3.0	9.0	6.6	2.0	4.0	12.7	RMS-24	1000		
MWSEB-4-01A2-RT	MWSEB-4-19A2-RT	2	9.2	4.8	10.8	8.0	2.0	4.0	12.7	RMS-24	1000		
MWSEB-5-01A2-RT	MWSEB-5-19A2-RT	2	11.2	5.8	11.9	9.1	2.0	4.0	12.7	RMS-24	1000		
MWSEB-6-01A2-RT	MWSEB-6-19A2-RT	2	13.0	8.4	12.0	9.1	2.0	4.0	12.7	RMS-24	1000		

## Micro Wire Saddle on Adhesive Base

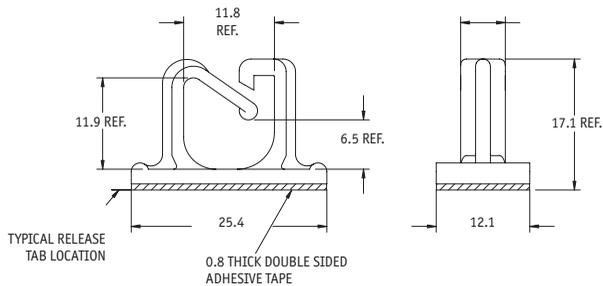
SR 2106  
MWSB  
Adhesive Back: RMS-24



Part Number		Standard Pack Quantity
Natural Nylon 6/6, RMS-01	Natural UL94 V-0 Nylon 6/6, RMS-19	
MWSB-1-01A2-RT	MWSB-1-19A2-RT	

## Wire Saddle on Adhesive Base

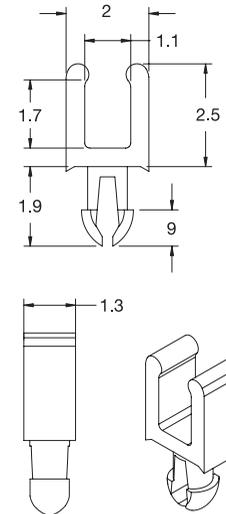
SR 2107  
WSB-2



Part Number		Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	
WSB-2-01A4-RT	WSB-2-19A4-RT	

## Pico Wire Saddle

SR 2108  
PWS  
Natural UL94 V0 Nylon 6/6, RMS-104

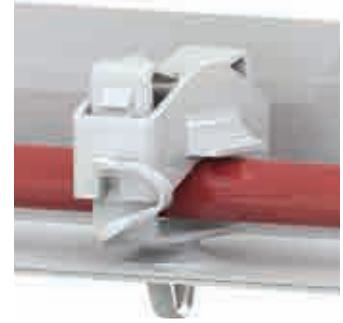
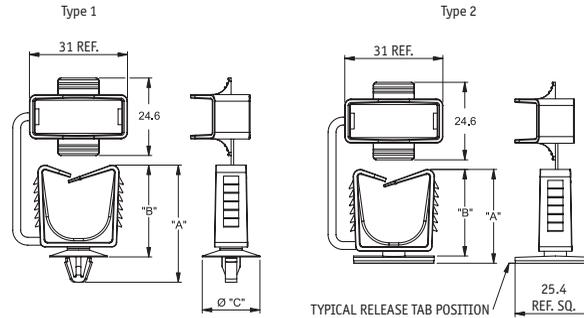


Part Number	Dimensions (mm)		Standard Pack Quantity
	Mounting Hole Ø	Panel Thickness	
PWS-1-104	1	1	1000

## Hinged Cable Saddle

SR 2074

HCS



Part Number		Type	Dimensions (mm)			Mounting Method	Cable Bundle Ø (mm)	Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6, RMS-01	Black UL94 V-2 UV Stabilised Nylon 6/6, RMS-46		"A"	"B"	"C"			
HCS1-01	-	1	34.0	29.0	16.0	Snap lock 4 - 4.8 Ø hole, 0.4 - 1.6 panel thickness	3 - 16	500
HCS2-01*	HCS2-UVB	1	36.8	28.7	18.2	Snap lock 6 - 6.8 Ø hole, 0.6 - 2.5 panel thickness	3 - 16	500
HCS3-01A4-RT	-	2	29.5	27.5	-	0.8 Thick double sided adhesive tape, RMS-324	3 - 16	1000

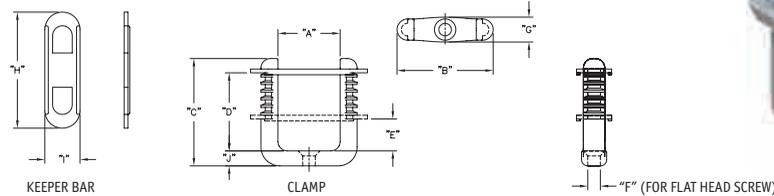
\*Standard pack quantity 500

## Two-Piece Locking Clamp

SR 2075

D

Natural Nylon 6/6, RMS-01



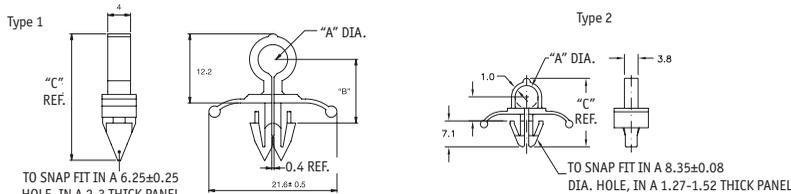
Part Number	Dimensions (mm)										Standard Pack Quantity
	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"T"	"J"	
D-1	25.1	38.9	43.7	31.8	12.7	5.1	10.2	47.2	14.2	6	100
D-1.5	37.0	55.3	56.6	41.9	16.8	5.1	11.7	62.7	17.8	7.9	100

## Split Routing Clip

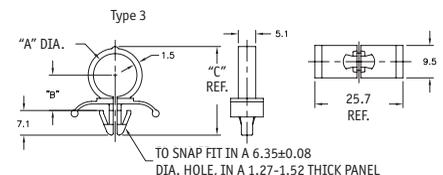
SR 2076

SRC

Natural UL94 V2 Nylon 6/6, RMS-01



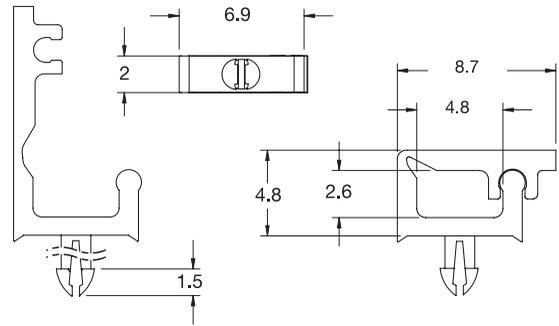
Part Number	Type	Dimensions (mm)			Standard Pack Quantity
		"A" Ø	"B"	"C"	
SRC-1-01	1	5.0	11.2	22.3	1000
SRC-4-01	2	6.4	6.6	19.1	1000
SRC-7-01	3	11.1	9.8	24.7	1000
SRC-8-01	3	12.7	10.8	26.5	1000
SRC-10-01	3	15.9	12.7	29.9	1000



# WIRE SADDLES

## Micro Wire Saddle, Locking Top

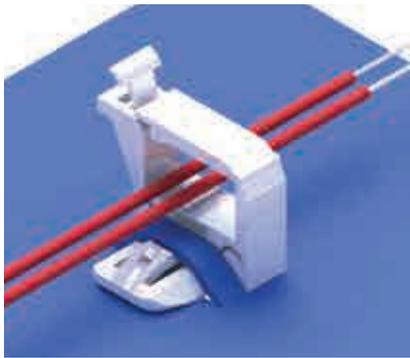
SR 2109  
MWSLT  
Natural



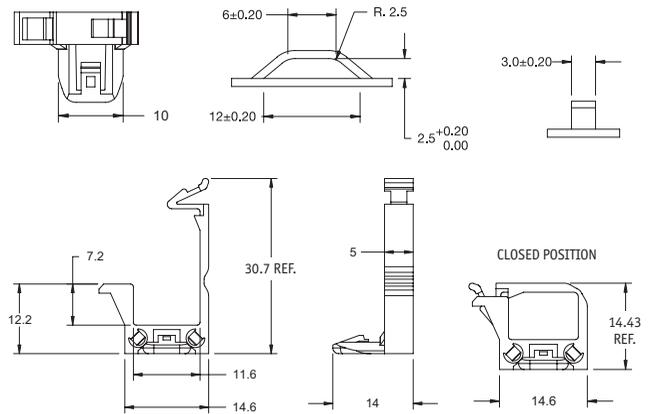
Part Number		Dimensions (mm)		Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	Panel Hole Ø	Panel Thickness	
MWSLT-1-01	MWSLT-1-19	1.7	1.6	1000
MWSLT1-1-01	MWSLT1-1-19	1.7	2.4	1000

## Side Mount Wire Saddle

SR 2110  
SMWSLT  
Natural Nylon 6/6, UL 94 V0, RMS-19



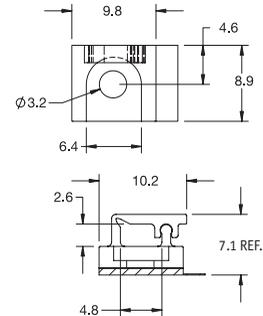
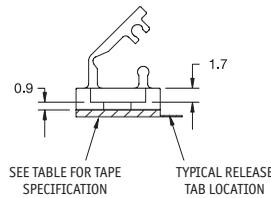
MOUNTING HOLE DIMENSIONS



Part Number	Standard Pack Quantity
SMWSLT-1-19	1000

## Micro Wire Saddle Locking Top on Base

SR 2111  
MWSLTB  
Natural UL94 V0 Nylon, 6/6, RMS-19



Part Number	Mounting Method	Standard Pack Quantity
MWSLTB-1-19A-RT	Acrylic Adhesive, RMS-15, 0.8 thick	1000
MWSLTB-1-19	Any *SR-30XX rivet or #4 or M3 screw	1000

## Side Entry Micro Wire Saddle on Adhesive Base

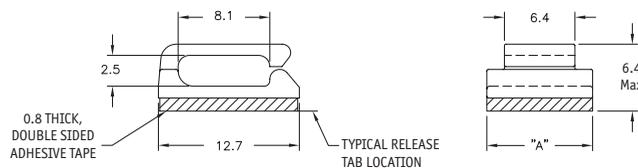
SR 2112

MWSSEB/MWSSEBE

Natural Adhesive Back: RMS-24



Part Number		"A" (mm)	Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		
MWSSEB-1-01A2	MWSSEB-1-19A2	9.5	1000
MWSSEBE-1-01A2	MWSSEBE-1-19A2	12.7	1000

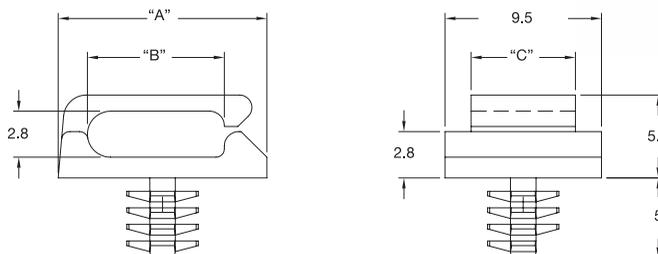


## Micro Blind Hole Mount Wire Saddle

SR 2113

MBHWSSE

Natural

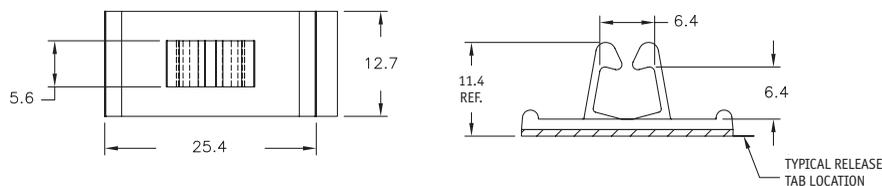


Part Number		Dimensions (mm)					Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	"B"	"C"	Mounting Hole Ø	Panel Thickness	
MBHWSSE-1-01	MBHWSSE-1-19	12.7	8.3	6.4	4	1 - 4.1	1000
MBHWSSE1-1-01	MBHWSSE1-1-19	17.0	12.5	8.0	4	1 - 4.1	1000

## Cord Clip on Base

SR 2114

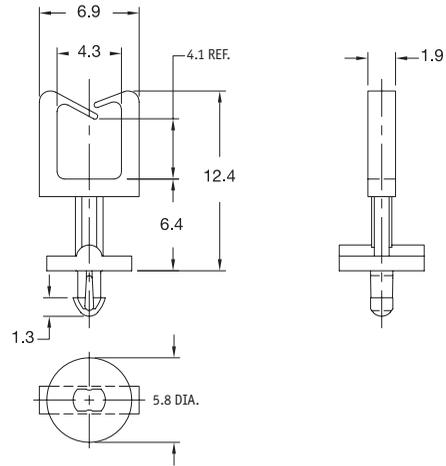
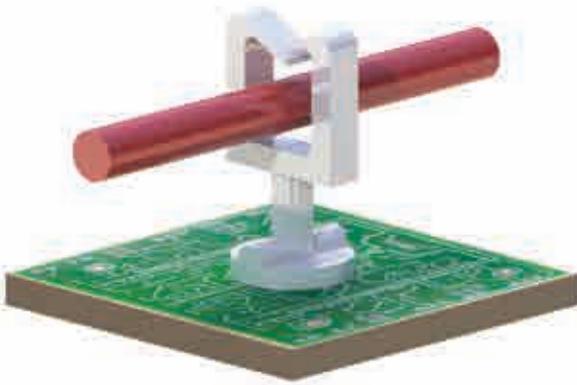
WCB



Part Number	Base Material	Adhesive Material	Colour	Standard Pack Quantity
WCB-250-01A4-RT	Nylon 6/6, RMS-01	RMS-324	Natural	1000

## Stand-off Micro Wire Saddle

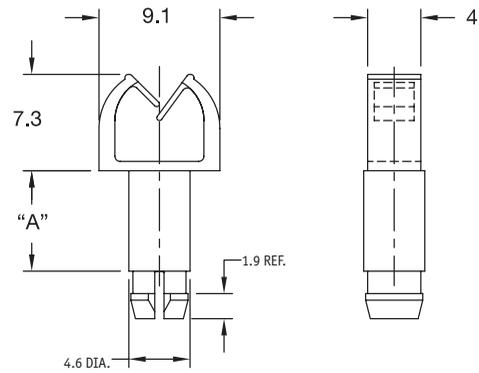
SR 2115  
SMWS



Part Number		Dimension (mm)		Standard Pack Quantity
Natural Nylon 6/6, RMS-01	Natural UL94 V0 Nylon, 6/6 RMS-19	Hole Ø	Panel Thickness	
SMWS-1-01	SMWS-1-19	1.78 ± 0.05	1.57	1000
SMWS1-1-01	SMWS1-1-19	1.78 ± 0.05	2.36	1000

## Stand-off Micro Wire Saddle

SR 2116  
MWSELF  
Natural



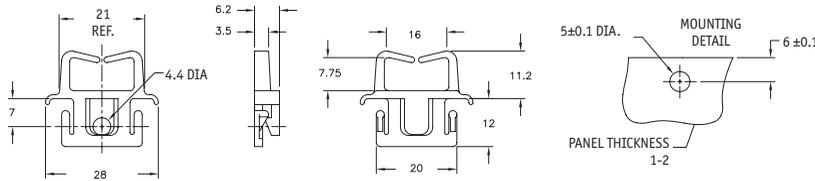
Part Number		Dimensions (mm)			Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	"A"	Hole Ø	Panel Thickness	
MWSELF-1-4.1-01	MWSELF-1-4.1-19	4.1	3.80	1.6	1000
MWSELF-1-7.7-01	MWSELF-1-7.7-19	7.7	3.80	1.6	1000
MWSELF-2-4.1-01	MWSELF-2-4.1-19	4.1	3.80	2.0	1000
MWSELF-2-7.7-01	MWSELF-2-7.7-19	7.7	3.80	2.0	1000

## Edge Holding Wire Saddle

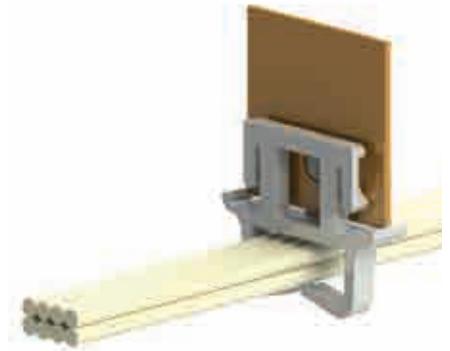
SR 2117

EHWSE

Natural Nylon 6/6, RMS-01



Part Number	Standard Pack Quantity
EHWSE-1-01	500

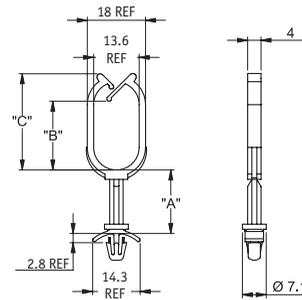


## Stand-off Harness Clip

SR 2118

SHK/SHKE

Part Number		Dimensions (mm)			Standard Pack Quantity
Natural UL 94 V-2 Nylon 6/6, RMS-01	Natural UL 94 V-0 Nylon 6/6, RMS-19	"A"	"B"	"C"	
SHK-6-01	SHK-6-19	9.5	13.6	19.5	1000
SHK-8-01	SHK-8-19	12.7	13.6	19.5	1000
-	SHK-12-19	19.1	13.6	19.5	1000
SHK-16-01	SHK-16-19	25.4	13.6	19.5	1000
SHK-20-01	SHK-20-19	31.8	13.6	19.5	1000
SHKE-6-01	SHKE-6-19	9.5	20.6	29.0	1000
SHKE-8-01	SHKE-8-19	12.7	20.6	29.0	1000
SHKE-12-01	SHKE-12-19	19.1	20.6	29.0	1000
SHKE-16-01	SHKE-16-19	25.4	20.6	29.0	1000
SHKE-20-01	SHKE-20-19	31.8	20.6	29.0	1000



Bottom Hole Snap-lock:  $\varnothing 4.8 \pm 0.08$   
Panel Thickness: 0.76 - 2.0



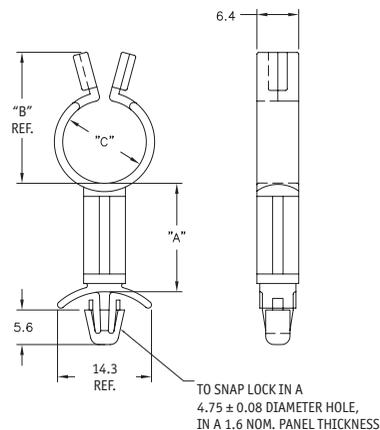
## Stand-off Locking Clip

SR 2119

SLCS

Natural

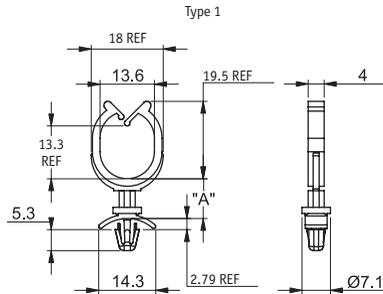
Part Number		Dimensions (mm)			Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	A	B	Max Bundle $\varnothing$	
SLCS-250-3-01	SLCS-250-3-19	4.8	13.5	4.8	1000
SLCS-250-4-01	SLCS-250-4-19	6.4	13.5	4.8	1000
SLCS-250-6-01	SLCS-250-6-19	9.5	13.5	4.8	1000
SLCS-250-8-01	SLCS-250-8-19	12.7	13.5	4.8	1000
SLCS-250-16-01	SLCS-250-16-19	25.4	13.5	4.8	1000
SLCS-370-3-01	SLCS-370-3-19	4.8	16.8	7.9	1000
SLCS-370-4-01	SLCS-370-4-19	6.4	16.8	7.9	1000
SLCS-370-6-01	SLCS-370-6-19	9.5	16.8	7.9	1000
SLCS-370-8-01	SLCS-370-8-19	12.7	16.8	7.9	1000
SLCS-370-16-01	SLCS-370-16-19	25.4	16.8	7.9	1000
SLCS-500-3-01	SLCS-500-3-19	4.8	21.1	11.1	1000
SLCS-500-4-01	-	6.4	21.1	11.1	1000
SLCS-500-6-01	SLCS-500-6-19	9.5	21.1	11.1	1000
SLCS-500-8-01	SLCS-500-8-19	12.7	21.1	11.1	1000
SLCS-500-16-01	SLCS-500-16-19	25.4	21.1	11.1	1000
SLCS-750-3-01	SLCS-750-3-19	4.8	26.4	17.5	1000
SLCS-750-4-01	SLCS-750-4-19	6.4	26.4	17.5	1000
SLCS-750-6-01	SLCS-750-6-19	9.5	26.4	17.5	1000
-	SLCS-750-8-19	12.7	26.4	17.5	1000
SLCS-750-16-01	SLCS-750-16-19	25.4	26.4	17.5	1000



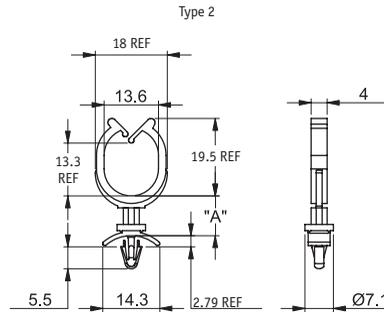
# STAND-OFF CLIPS

## Stand-off Harness Clip (Metric)

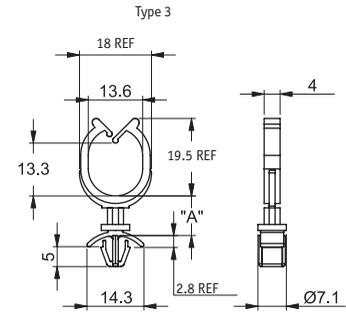
SR 2120  
SHK-J



Bottom Hole: Snap-lock  $\varnothing$  4.75  $\pm$  0.08  
Panel Thickness: 1.6



Bottom Hole: Snap-lock  $\varnothing$  3.96  $\pm$  0.08  
Panel Thickness: 1.6

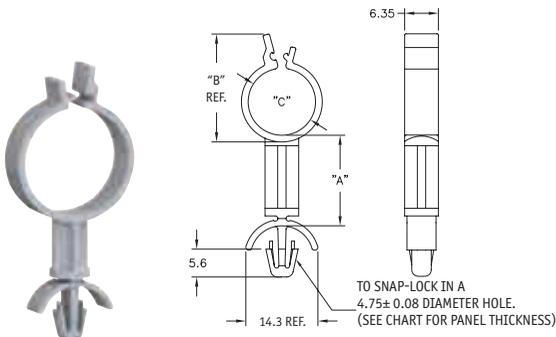


Bottom Hole: Snap-lock  $\varnothing$  5.5  $\pm$  0.08  
Panel Thickness: 1.6

Part Number						"A" Stand-off Height (mm)	Standard Pack Quantity
Type 1		Type 2		Type 3			
Natural UL 94 V-2 Nylon 6/6, RMS-01	Natural UL 94 V-0 Nylon 6/6, RMS-19	Natural UL 94 V-2 Nylon 6/6, RMS-01	Natural UL 94 V-0 Nylon 6/6, RMS-19	Natural UL 94 V-2 Nylon 6/6, RMS-01	Natural UL 94 V-0 Nylon 6/6, RMS-19		
SHK-J-6M-01	SHK-J-6M-19	SHK-J1-6M-01	SHK-J1-6M-19	SHK-J2-6M-01	SHK-J2-6M-19	6	1000
SHK-J-8M-01	SHK-J-8M-19	SHK-J1-8M-01	SHK-J1-8M-19	SHK-J2-8M-01	SHK-J2-8M-19	8	1000
SHK-J-10M-01	SHK-J-10M-19	SHK-J1-10M-01	SHK-J1-10M-19	SHK-J2-10M-01	SHK-J2-10M-19	10	1000
SHK-J-12M-01	SHK-J-12M-19	SHK-J1-12M-01	SHK-J1-12M-19	SHK-J2-12M-01	SHK-J2-12M-19	12	1000
SHK-J-14M-01	SHK-J-14M-19	SHK-J1-14M-01	SHK-J1-14M-19	SHK-J2-14M-01	SHK-J2-14M-19	14	1000
SHK-J-16M-01	SHK-J-16M-19	SHK-J1-16M-01	SHK-J1-16M-19	SHK-J2-16M-01	SHK-J2-16M-19	16	1000
SHK-J-18M-01	SHK-J-18M-19	SHK-J1-18M-01	SHK-J1-18M-19	SHK-J2-18M-01	SHK-J2-18M-19	18	1000
SHK-J-20M-01	SHK-J-20M-19	SHK-J1-20M-01	SHK-J1-20M-19	SHK-J2-20M-01	SHK-J2-20M-19	20	1000
SHK-J-22M-01	SHK-J-22M-19	SHK-J1-22M-01	SHK-J1-22M-19	SHK-J2-22M-01	SHK-J2-22M-19	22	1000
SHK-J-24M-01	SHK-J-24M-19	SHK-J1-24M-01	SHK-J1-24M-19	SHK-J2-24M-01	SHK-J2-24M-19	24	1000
SHK-J-26M-01	SHK-J-26M-19	SHK-J1-26M-01	SHK-J1-26M-19	SHK-J2-26M-01	SHK-J2-26M-19	26	1000
SHK-J-28M-01	SHK-J-28M-19	SHK-J1-28M-01	SHK-J1-28M-19	SHK-J2-28M-01	SHK-J2-28M-19	28	1000

## Stand-off Lock Clip

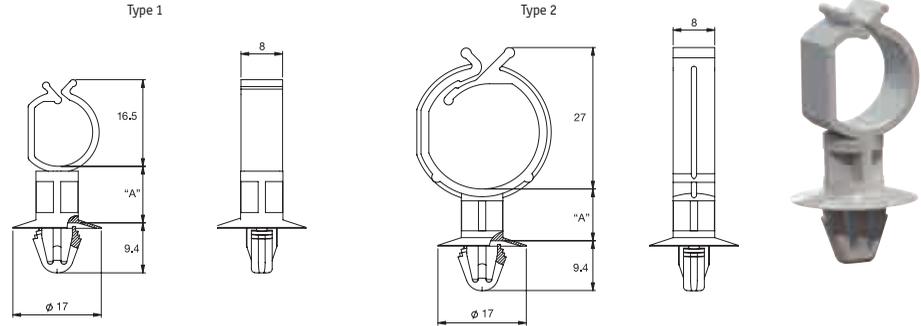
SR 2121  
SLCSE  
Natural



Part Number		Dimensions (mm)					Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19	A	B	Panel Thickness	Max. Bundle Diameter		
SLCSE-250-3-01	SLCSE-250-3-19	4.8	14.5	0.8-2	5.6	1000	
SLCSE-370-3-01	SLCSE-370-3-19	4.8	18	0.8-2	8.9	1000	
SLCSE-500-3-01	SLCSE-500-3-19	4.8	21	0.8-2	12	1000	
SLCSE-750-3-01	SLCSE-750-3-19	4.8	27.5	0.8-2	18.4	1000	
SLCSE2-250-3-01	SLCSE2-250-3-19	4.8	14.5	2-4	5.6	1000	
SLCSE2-370-3-01	-	4.8	18	2-4	8.9	1000	
SLCSE2-500-3-01	SLCSE2-500-3-19	4.8	21	2-4	12	1000	
SLCSE2-750-3-01	SLCSE2-750-3-19	4.8	27.5	2-4	18.4	1000	

## Stand-off Cable Clamps

SR 2122  
SCCA/SCCB

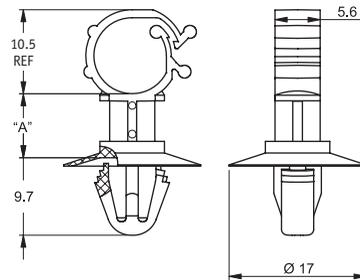


Part Number			Dimensions (mm)					Standard Pack Quantity
Natural UL94 V-2 Nylon 6/6, RMS-01	Black UL94 V-2 Nylon 6/6, RMS-01	Natural UL94 V-0 Nylon 6/6, RMS-19	Type	"A" Stand-off height	Max. Cable Bundle Ø	Hole Ø	Panel Thickness	
SCCA-1-01	SCCA-1-01BK	SCCA-1-19	1	4	11	6.5 - 7	0.6 - 2	1000
SCCA-2-01	SCCA-2-01BK	SCCA-2-19	1	6	11	6.5 - 7	0.6 - 2	1000
SCCA-3-01	SCCA-3-01BK	SCCA-3-19	1	8	11	6.5 - 7	0.6 - 2	1000
SCCA-4-01	SCCA-4-01BK	-	1	10	11	6.5 - 7	0.6 - 2	1000
SCCA-5-01	SCCA-5-01BK	SCCA-5-19	1	12	11	6.5 - 7	0.6 - 2	1000
SCCB-1-01	SCCB-1-01BK	SCCB-1-19	2	4	22	6.5 - 7	0.6 - 2	1000
SCCB-2-01	SCCB-2-01BK	-	2	6	22	6.5 - 7	0.6 - 2	1000
SCCB-3-01	SCCB-3-01BK	SCCB-3-19	2	8	22	6.5 - 7	0.6 - 2	1000
SCCB-4-01	-	-	2	10	22	6.5 - 7	0.6 - 2	1000
SCCB-5-01	SCCB-5-01BK	SCCB-5-19	2	12	22	6.5 - 7	0.6 - 2	1000
SCCB-6-01	-	-	2	30	22	6.5 - 7	0.6 - 2	500

## Stand-off Cable Clip Side Entry

SR 2123  
SCC-SE  
Natural UL94 V0 Nylon 6/6, RMS-19

Part Number	"A" Stand-off Height (mm)	Cable Bundle Max. (mm)	Standard Pack Quantity
SCC-SE-4-19	4	9	1000
SCC-SE-8-19	8	9	1000
SCC-SE-10-19	10	9	1000
SCC-SE-12-19	12	9	1000

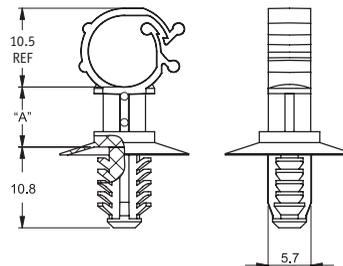


Bottom Hole: Snap-lock 6.5-7  
Panel Thickness: 0.8-1.25

## Stand-off Cable Clip Side Entry

SR 2124  
SCCBH-SE  
Natural UL94 V0 Nylon 6/6, RMS-19

Part Number	"A" Stand-off Height (mm)	Cable Bundle Max. (mm)	Standard Pack Quantity
SCCBH-SE-4-19	4	9	1000
SCCBH-SE-8-19	8	9	1000
SCCBH-SE-10-19	10	9	1000
SCCBH-SE-12-19	12	9	1000



Bottom Hole: Push fit Ø6.5  
Panel Thickness: Min 0.7

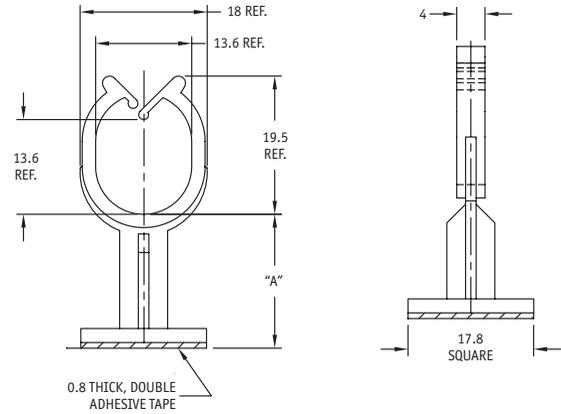
## Stand-Off Harness Clip on Adhesive

SR 2126

SHKBS

Natural UL94 V2 Nylon 6/6, RMS-01

Adhesive Back: RMS-15



Part Number	"A" Stand-off height (mm)	Standard Pack Quantity
SHKBS-4-01A-RT	6.4	1000
SHKBS-8-01A-RT	12.7	1000

# QUESTIONS? GIVE US A CALL

Our Customer Service advisors can also help you find the right product for your application.

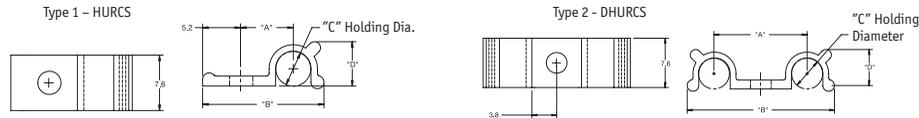
**Call 01 806 2266**  
[www.essentracomponents.ie](http://www.essentracomponents.ie)

## Screw Mount U Clamp

SR 2127

HURCS/DHURCS

Natural Nylon 6/6, RMS-01



Mounting Notes - 3.2 ±0.5 mounting hole Ø for #4 or M3 screw or SR-30XX series rivet

Part Number	Dimensions (mm)				Type	Standard Pack Quantity
	"A"	"B"	"C" Holding Ø	"D"		
HURCS-2-01	6.2	15.0	3.2	4.3	1	1000
HURCS-3-01	7.1	15.6	4.8	6.1	1	1000
HURCS-4-01	8.1	18.3	6.4	7.6	1	1000
DHURCS-2-01	12.4	19.0	3.2	4.3	2	1000
DHURCS-3-01	14.2	22.6	4.8	6.1	2	1000
DHURCS-4-01	16.2	25.9	6.4	7.6	2	1000

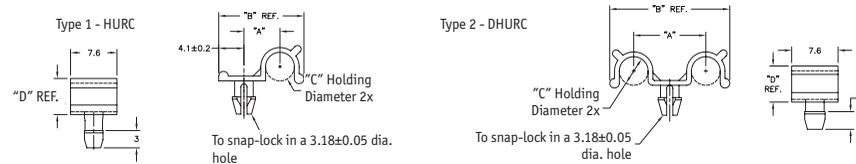


## Plug In Routing Clips

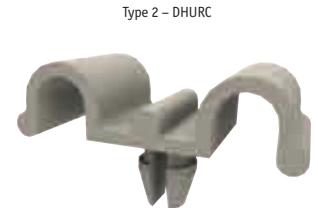
SR 2128

HURC/DHURC

Natural UL94 V2 Nylon 6/6, RMS-01



Part Number	Dimensions (mm)					Type	Standard Pack Quantity
	"C" Holding Ø	"A"	"B"	"D"	Panel Thickness		
HURC-2-01	3.2	5.1	12.4	4.3	1.6	1	1000
HURC-3-01	4.8	6.1	14.2	6.1	1.6	1	1000
HURC-4-01	6.4	6.9	15.7	7.6	1.6	1	1000
HURC1-2-01	3.2	5.1	12.4	4.3	2.4	1	1000
HURC1-3-01	4.8	6.1	14.2	6.1	2.4	1	1000
HURC1-4-01	6.4	6.9	15.7	7.6	2.4	1	1000
DHURC-2-01	3.2	10.4	16.8	4.3	1.6	2	1000
DHURC-3-01	4.8	12.2	20.1	6.1	1.6	2	1000
DHURC-4-01	6.4	14.0	23.9	7.6	1.6	2	1000



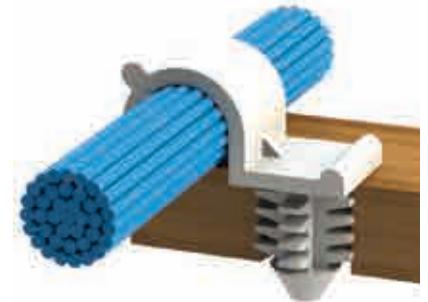
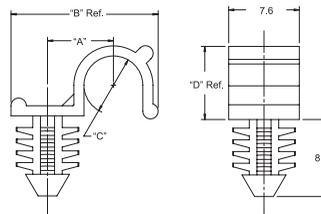
## Routing Clips Blind Hole Mount

SR 2129

HURCBH

Natural UL94 V2 Nylon 6/6, RMS-01

Natural VO Nylon 6/6, RMS-19



UL94 V2 Nylon 6/6, RMS-01	UL94 VO Nylon 6/6, RMS-19	Dimensions (mm)					Panel Hole Ø	Panel Thickness	Standard Pack Quantity
		"A"	"B"	"C" Holding Ø	"D"				
HURCBH-3-01	HURCBH-3-19	6.1	14.2	4.8	6.1	6.35 ± .076	6.35 Min.	1000	
HURCBH-4-01	HURCBH-4-19	6.9	15.7	6.4	7.6	6.35 ± .076	6.35 Min.	1000	

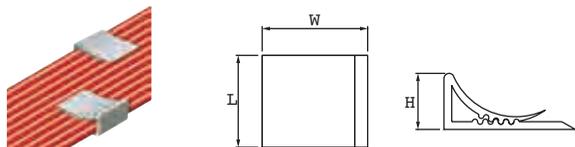
# SCREW, ADHESIVE & FLAT CABLE MOUNTS

## Adhesive Ribbon Cable Clip

SR 1789

Grey PVC

- Designed to clamp ribbon cable
- Backed with high-quality adhesive tape



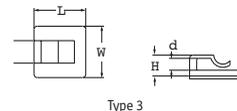
Part Number	Dimensions (mm)			Standard Pack Quantity
	L	W	H	
460293	15	24	9	100
460294	20	24	9	100
460295	25	24	9	100
460296	28	24	9	100

## Self-Adhesive Cable Clips

SR 1788

Natural Nylon 6.6

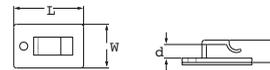
- Strong adhesion for quick and easy installation
- Ideal for lightweight wire bundles
- Flammability rating UL94 V2



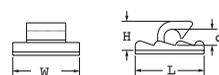
Type 3



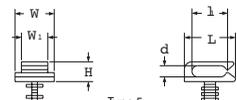
Type 1



Type 4



Type 2



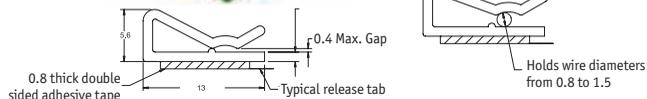
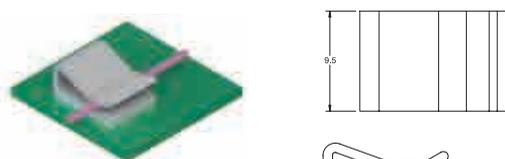
Type 5

## Single Wire Clip on Adhesive Base

SR 2130

SWO

White, UL94 V0 PPE/PS, RMS-05; Adhesive back, RMS-15 Colour



Product Number	Standard Pack Quantity
SWC-0	1000

Part Number	Max. Cable Diameter (mm) d	Type	Dimensions (mm)				Standard Pack Quantity	
			L	W	w1	l1		H
460300	2.8	1	13.0	9.5	-	-	5.2	100
460302	3.7	3	16.0	16.0	-	-	6.8	100
460303*	5.5	4	27.0	17.0	-	-	8.7	100
460304	5.8	1	16.0	15.8	-	-	9.0	100

\*Additional mounting hole of diameter 3.1mm.

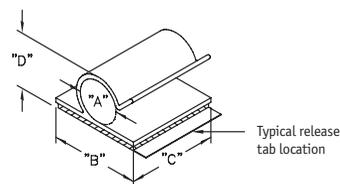
## C Style Clamp on Adhesive Base

SR 2131

KKO

Grey PVC, RMS-04

Adhesive Base Back - 1.6mm thick, RMS-15



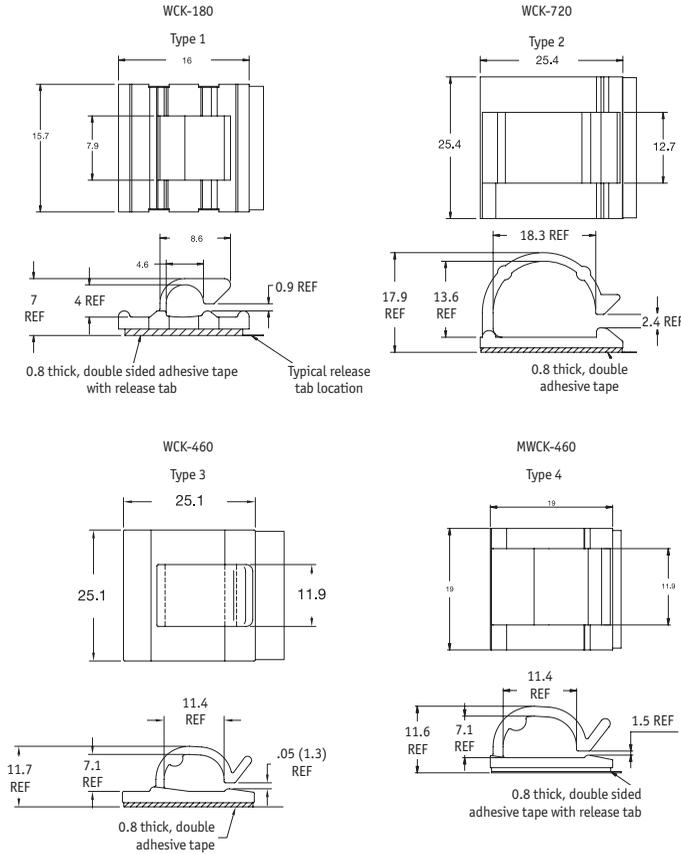
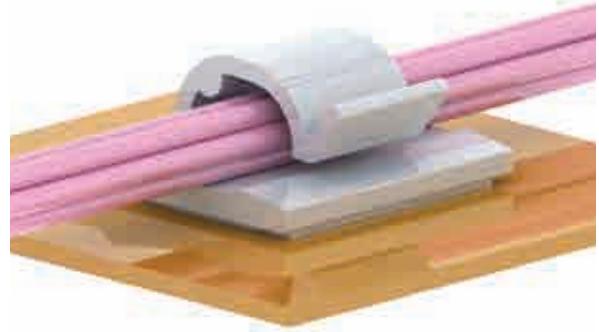
Part Number	Dimensions (mm)				Standard Pack Quantity
	Holding Capacity "A"	"B" ± 0.4	"C" ± 0.5	"D" at Max. Capacity Ref.	
KKC-2-RT	3.2	19.1	19.1	7.9	500
KKC-3-RT	4.8	19.1	19.1	8.4	500
KKC-4-RT	6.4	19.1	19.1	10.7	500
KKC-5-RT	7.9	19.1	19.1	12.2	500
KKC-6-RT	9.5	19.1	19.1	15.2	500
KKC-8-RT	12.7	25.4	25.4	17.5	100
KKC-12-RT	19.1	25.4	25.4	23.9	100

## Wire Cord Klip

SR 2132

WCK/MWCK

Natural UL94 V2 Nylon 6/6, RMS-01



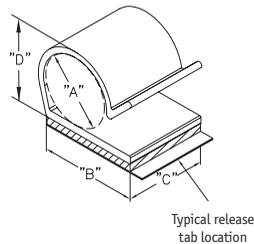
Part Number	Type	Adhesive Material	Standard Pack Quantity
WCK-180-01A4-RT	1	RMS-324	1000
WCK-720-01A4-RT	2	RMS-324	1000
WCK-460-01A4-RT	3	RMS-324	1000
MWCK-460-01A4	4	RMS-324	1000
WCK-280-01A4-RT	5	RMS-324	1000

## R Style Clamp on Adhesive Base

SR 2133

KKR

Grey, PVC, RMS-04



Part Number	Dimensions (mm)				Double Sided Adhesive Tape 1.6 Rubber, RMS-102	Standard Pack Quantity
	Holding Capacity "A"	"B" ± 0.5	"C" ± 0.5	"D" at Max. Capacity Ref.		
KKR-5A1-RT	13.2	19.1	15.9	17.3		500

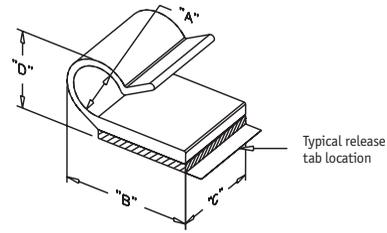
# SCREW, ADHESIVE & FLAT CABLE MOUNTS

## Mini J Style Clamp on Adhesive Base

SR 2134

MKKJ

Clear, Rigid PVC, RMS-32 Adhesive Back, 0.8 thick, RMS-15



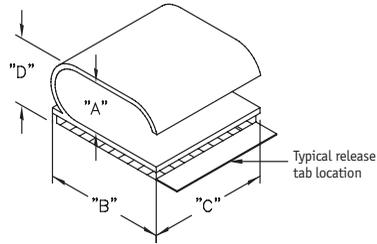
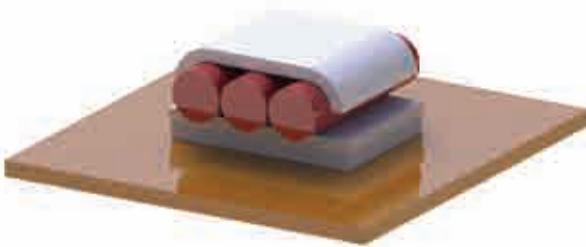
Part Number	Dimensions (mm)				Standard Pack Quantity
	Holding Capacity "A"	"B" ± 0.4	"C" ± 0.5	"D" at Max. Capacity Ref.	
MKKJ-2-RT	3.2	11.1	9.5	6.0	1000
MKKJ-3-RT	4.8	15.9	11.1	8.3	1000
MKKJ-4-RT	6.4	16.7	12.7	10.3	1000
MKKJ-5-RT	7.9	20.6	14.3	12.3	1000
MKKJ-6-RT	9.5	22.2	15.9	14.3	1000

## F Style Clamp on Adhesive Base

SR 2135

KKF

Grey, PVC, RMS-04 Adhesive Back, 1.6 thick, RMS-15



Part Number	Dimensions (mm)				Standard Pack Quantity
	Holding Capacity "A"	"B" ± 0.8	"C" ± 0.5	"D" at Max. Capacity Ref.	
KKF-10X4-RT	14.3 x 5.2	19.1	19.1	9.1	100

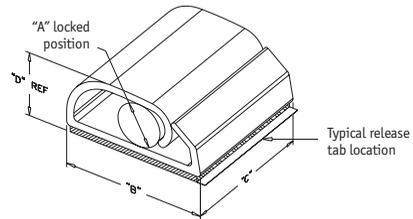
## DL Style Clamp on Adhesive Base

SR 2136

KKDL

Grey UL94 V0 PVC, RMS-04

Adhesive 1.6 thick, RMS-15



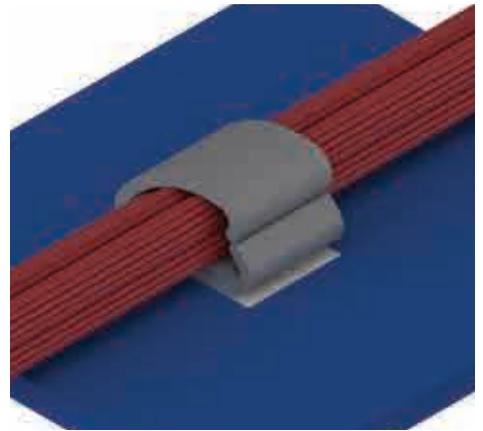
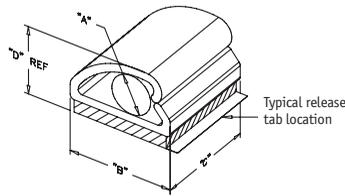
Part Number	Dimensions (mm)				Standard Pack Quantity
	"A" Holding Capacity	"B"	"C"	"D" at Max. Capacity Ref.	
KKDL-4-RT	3.2	12.7	12.7	7.1	500
KKDL-8-RT	5.6	19.1	19.1	10.9	100

### D Style Clamp on Adhesive Base

SR 2137

KKD

Grey UL94 V0 PVC, RMS-04, Adhesive: 1.6 thick



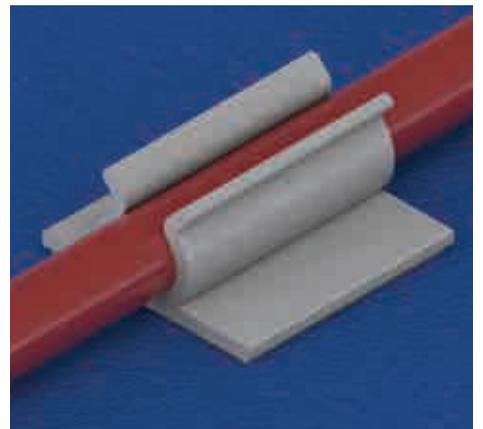
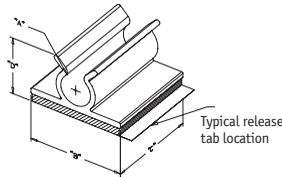
Part Number	Dimensions (mm)				Adhesive Material	Standard Pack Quantity
	"A" Holding Capacity	"B"	"C"	"D" at Max. Capacity Ref.		
KKD-4-RT	6.4	12.7	12.7	10.2	RMS-15	500
KKD-8A5-RT	12.7	19.1	19.1	18.5	RMS-359	100
KKD-12A5-RT	19.1	28.2	25.4	25.9	RMS-359	100
KKD-16-RT	25.4	38.1	31.8	33.0	RMS-15	100

### U Style Clamp on Adhesive Base

SR 2138

KKU

Grey, Adhesive: 1.6 thick



Part Number	Dimensions (mm)				Material	Adhesive Material	Standard Pack Quantity
	"A" Holding Capacity	"B"	"C"	"D" at Max. Capacity Ref.			
KKU-2A4-RT	3.2	19.1	19.1	7.1	PVC, RMS-193	RMS-324	500
KKU-4A4-RT	6.4	19.1	19.1	11.9	UL94 V0 PVC, RMS-448	RMS-324	500
KKU-6A4-RT	9.5	19.1	19.1	15.1	UL94 V0 PVC, RMS-448	RMS-324	500
KKU-8A4-RT	12.7	25.4	25.4	17.5	UL94 V0 PVC, RMS-448	RMS-324	100
KKU-9A5-RT	14.3	25.4	25.4	19.1	UL94 V0 PVC, RMS-448	RMS-359	100
KKU-12A4-RT	19.1	25.4	25.4	23.0	UL94 V0 PVC, RMS-448	RMS-324	100

### L Style Locking Clamp on Adhesive Base

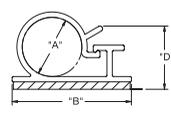
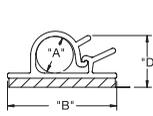
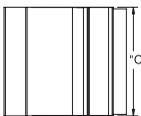
SR 2139

KKL

Grey, UL94 V0 PVC, RMS-448 Adhesive: 1.6 thick

Type 1

Type 2

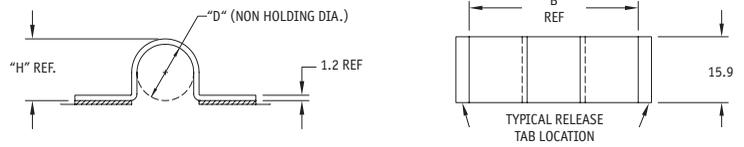
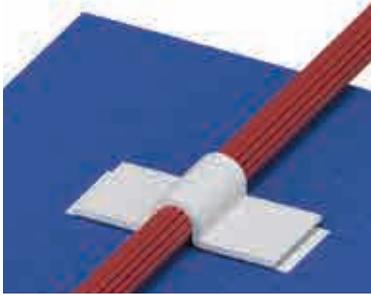


Part Number	Dimensions (mm)				Type	Adhesive Material	Standard Pack Quantity
	"A" Holding Capacity	"B"	"C"	"D" at Max. Capacity Ref.			
KKL-4-RT	6.4	19.7	19.7	9.5	1	RMS-15	500
KKL-8A5-RT	12.7	25.4	25.4	21.4	2	RMS-359	100
KKL-12-RT	19.1	25.4	25.4	25.4	2	RMS-15	100

# SCREW, ADHESIVE & FLAT CABLE MOUNTS

## U-Clip with Adhesive Base

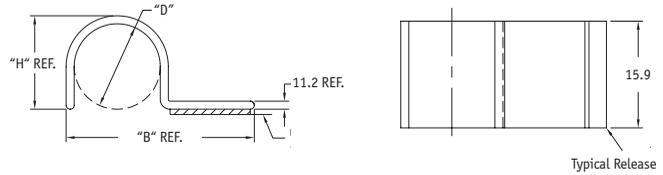
SR 2140  
UC



Part Number	Dimensions (mm)			Material	Adhesive	Standard Pack Quantity
	"D" Bundle Ø	"B"	"H"			
UC-2-RT	3.2	30.9	4.4	UL94 V0 PVC, RMS-04	RMS-15	1000
UC-4-A4-RT	6.4	34.1	7.5	UL94 V0 PVC, RMS-448	RMS-324	1000

## Half U-Clip with Adhesive Base

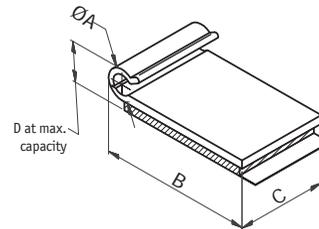
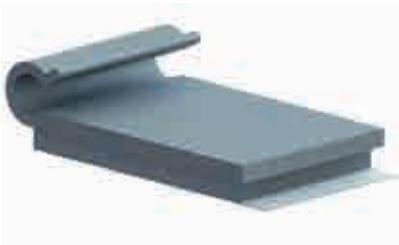
SR 2141  
HUC  
Black, UL94 V0 PVC, RMS-04  
Adhesive Back 0.8 thick, RMS-15



Part Number	Dimensions (mm)			Standard Pack Quantity
	"D" Bundle Ø	"B"	"H"	
HUC-2-RT	3.2	18.3	4.4	1000
HUC-4-RT	6.4	21.4	7.5	1000

## Adhesive Mount Clamp

SR 2142  
KKJ  
Grey UL94 V0 PVC



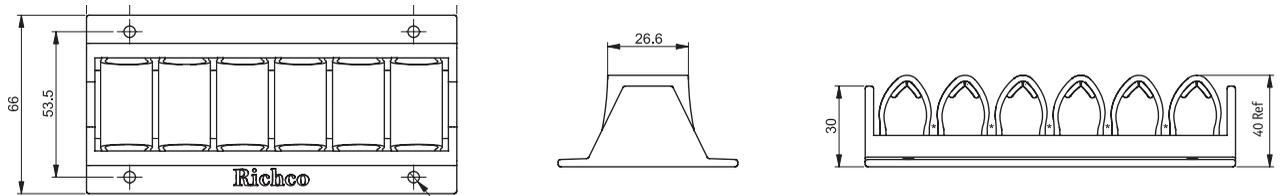
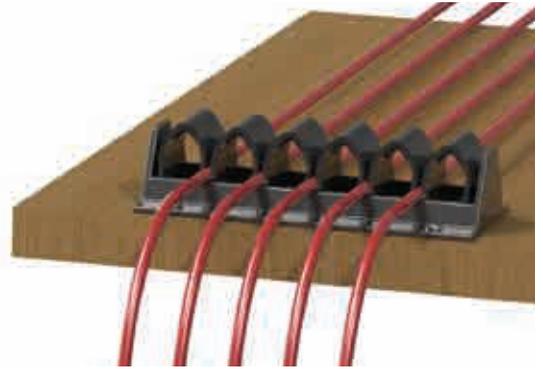
Part Number	"A" Bundle Ø	Dimensions (mm)			Standard Pack Quantity
		"B"	"C"	"D"	
KKJ-2-RT	3.2	21.4	25.4	6.4	500
KKJ-3-RT	4.8	22.2	31.8	7.9	500
KKJ-4-RT	6.4	23.0	38.1	10.3	500
KKJ-5-RT	7.9	31.0	44.5	11.1	500
KKJ-6-RT	9.5	32.5	50.8	13.5	500

## Universal Cable Grip

SR 2143

UCG

Black, Base: HDPE (RMS-432), Insert TPEE (RMS-433)



Part Number	Maximum Cable Bundle Ø REF (mm) – 7 positions	Standard Pack Quantity
UCG-6BK	12	125

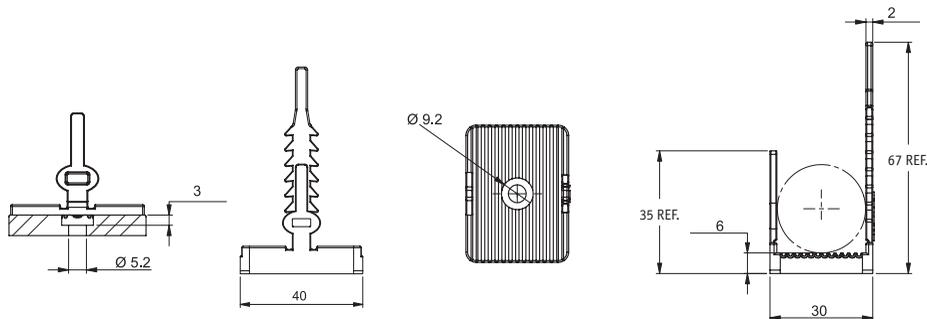
## Universal Mounting Block

SR 2144

UMB

Black, Neoprene Rubber 50 Shore A, RMS-190

Double-coated PSA tape 0.2mm thick, RMS-139



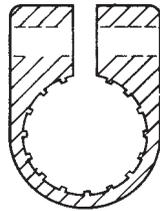
Part Number	Mounting Method	Maximum Cable (mm) Bundle Ø Approx.	Standard Pack Quantity
UMB-1	M5 screw or SR-50XX rivet (not supplied)	20	200
UMB-1A-RT	Adhesive	20	200

# SCREW, ADHESIVE & FLAT CABLE MOUNTS

## Standard Cleats

SR 1780

Black LDPE



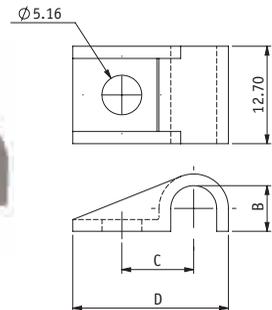
Part Number	Size Number	Cable Size (mm)	Fixing (mm)	Standard Pack Quantity	Carton Quantity
12875	3	7.6	6.0 (¼")	100	3000
12876	4	10.1	6.0 (¼")	100	2500
12877	5	12.7	6.0 (¼")	100	2500
12848	6	15.2	6.0 (¼")	100	2000
12878	7	17.8	6.0 (¼")	100	2000
12879	8	20.3	6.0 (¼")	100	1000
12880	9	22.8	6.0 (¼")	100	1000
12881	10	25.4	6.0 (¼")	100	800
12092	11	27.9	9.6 (¾")	100	800
12882	12	30.0	10.0 (¾")	50	600
12883	14	35.6	10.0 (¾")	50	500
12884	16	40.6	10.0 (¾")	50	250
12885	18	45.7	10.0 (¾")	50	400
12886	20	50.4	10.0 (¾")	50	300

## Heavy Duty Cable Clips

SR E-0012

Natural PA 6.6

- Screw Mounting



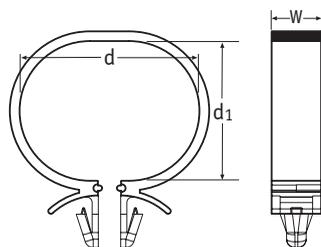
Part Number	Fits Cable	Dimensions (mm)			Standard Pack Quantity
		B	C	D	
22HDCC1250	3.17	2.92	7.8	17.14	500
22HDCC1720	4.76	4.37	8.33	18.59	500
22HDCC2340	6.35	5.95	9.3	20.14	500
22HDCC2970	7.93	7.54	10.16	21.83	500
22HDCC3590	9.52	9.13	10.92	23.11	1000
22HDCC4220	11.11	10.72	11.68	24.89	1000
22HDCC4840	12.7	12.3	12.5	26.52	1000

## Bundle Clips

SR 1783

Grey Nylon 6.6

- To suit panel thickness 0.7-2.0mm
- To fit hole size 6.0-6.5mm



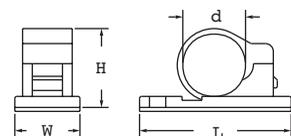
Part Number	Dimensions (mm)			Standard Pack Quantity
	d	d1	W	
101001000202	10.5	8.0	7.0	500
101001400202	14.0	10.5	7.5	500
101002100202	21.5	19.5	8.0	250
101003000202	30.0	25.0	9.0	250

## Adhesive/Screw Fixing Cable Clamps

SR 1789

Black Nylon 6.6

- Flammability rating UL94 V2
- Adhesive and/or screw fixing (diameter 4.4mm)
- Backed with high-quality adhesive tape



Part Number	Cable Diameter (mm) d	Dimensions (mm)			Standard Pack Quantity
		L	W	H	
460287	6.0	25.8	13.4	9.1	100
460288	9.0	29.4	13.4	14.0	100
460289	12.0	35.5	16.4	16.5	100
460290	14.0	36.5	16.4	18.5	100
460291	16.0	38.5	16.4	20.5	100
460292	18.0	42.0	16.4	22.5	100

## Steel Clamp with Vinyl Coating, Adhesive Base

SR 2146

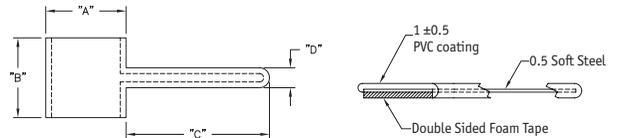
PCC

White, Soft Steel, RMS-203; PVC Coating, RMS-118,

Adhesive back, RMS-119



Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	"C"	"D"	
PCC-5	8	8	15	2.1	1000
PCC-9	14	14	25	3.5	500
PCC-12	19	19	40	4	500



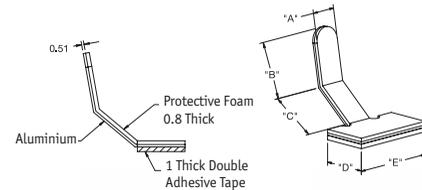
## Plastic Coated Aluminium Clamp, Foam Coated, Adhesive Base

SR 2147

PFC

Grey Coated, Aluminium, RMS-194; Protective Foam, RMS-314;

Adhesive Back, RMS-93



Part Number	Dimensions (mm)					Standard Pack Quantity
	"A"	"B"	"C"	"D"	"E"	
PFC-25M	4.8	12.55	11.1	10.1	19.1	1000
PFC-50M	5.2	14.55	14.1	14.05	24.95	1000

## Aluminium Clamp on Adhesive Base

SR 21048

ASK

Bright Finish, Aluminium, RMS-194



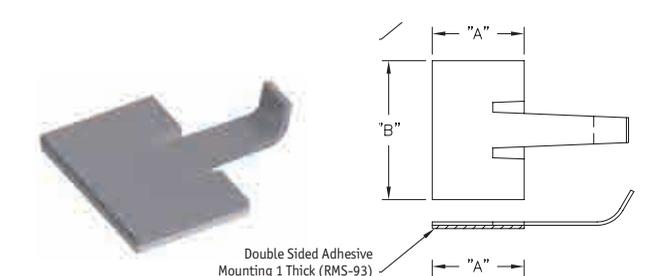
Part Number	Dimensions (mm)			Max. Bundle Ø	Standard Pack Quantity
	"A"	"B"	"C"		
ASK-3	11.3	16.8	9.5	6.0	250
ASK-6	15.7	18.8	14.3	9.5	250

## Aluminium Clamp on Adhesive Base

SR 2149

RAK

Bright Finish, Aluminium, RMS-194



Part Number	Dimensions (mm)		Max. Bundle Ø	Standard Pack Quantity
	"A"	"B"		
RAK-1	11.3	17.1	6.0	250
RAK-2	16.3	19.3	9.5	250

# SCREW, ADHESIVE & FLAT CABLE MOUNTS

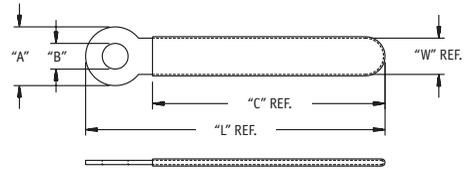
## Adjustable Steel Clamp with Vinyl Coating

SR 2150

VCC

Body: Soft Steel, RMS-243, 0.5 thick

Coating: Soft Black PVC, RMS-118, 0.8 thick



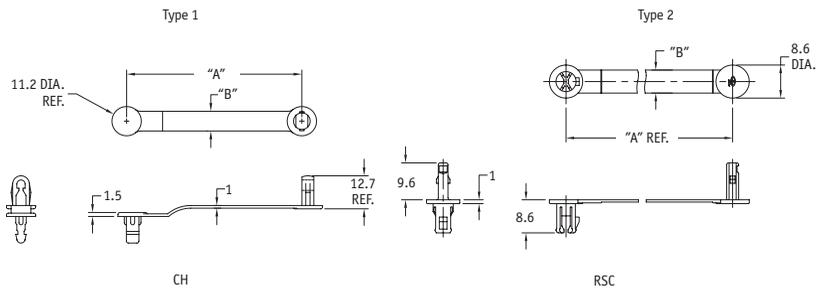
Part Number	Dimensions (mm)					Approximate Bundle Ø	Standard Pack Quantity
	"L"	"C"	"A"	"B"	"W"		
VCC-83028	28	18	8	3.0	3.0	5.7	1000
VCC-83535	35	25	8	3.5	5.0	7.9	1000
VCC-83540	40	30	8	3.5	3.0	9.5	1000
VCC-63048	48	40	6	3.0	2.0	12.7	1000
VCC-84554	54	42	8	4.5	4.8	13.3	1000
VCC-63254	54	46	6	3.2	3.6	14.6	1000
VCC-83664	64	53	8	4.1	5.0	16.9	1000
VCC-84576	76	65	8	4.5	4.5	20.7	1000
VCC-84584	84	72	8	4.5	4.5	22.9	1000
VCC-845126	126	112	8	4.5	6.0	35.6	100

\*Minimum drip allowed at the tip of the part

## Plug in Cable Hanger

SR 2151

CH/RSO



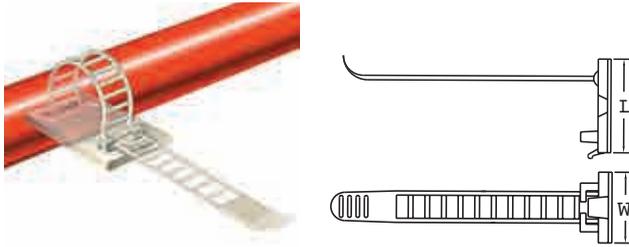
Part Number	Type	Dimensions (mm)					Material	Colour	Standard Pack Quantity
		"A"	"B"	Max Holding Ø	Mounting Hole Ø	Panel Thickness			
CH-1-01	1	44.5	7.5	9.5	6.4	0.8-2.4	UL94 V2 Nylon 6/6, RMS-01	Natural	1000
CH-2-01	1	66.7	7.5	15.9	6.4	0.8-2.4	UL94 V2 Nylon 6/6, RMS-01	Natural	1000
CH-1-01BK	1	44.5	7.5	9.5	6.4	0.8-2.4	UL94 V2 Nylon 6/6, RMS-01	Black	1000
CH-2-01BK	1	66.7	7.5	15.9	6.4	0.8-2.4	UL94 V2 Nylon 6/6, RMS-01	Black	1000
CH-1-10	1	44.5	7.5	9.5	6.4	0.8-2.4	UL94 HB Polypropylene, RMS-10	Natural	1000
CH-2-10	1	66.7	7.5	15.9	6.4	0.8-2.4	UL94 HB Polypropylene, RMS-10	Natural	1000
CH-1-10BK	1	44.5	7.5	9.5	6.4	0.8-2.4	UL94 HB Polypropylene, RMS-10	Black	1000
CH-2-10BK	1	66.7	7.5	15.9	6.4	0.8-2.4	UL94 HB Polypropylene, RMS-10	Black	1000
RSC-3-01	2	28	4	5.6	4.8	0.8-3.2	UL94 V2 Nylon 6/6, RMS-01	Black	1000
RSC-4-01	2	33	6	6.4	4.8	0.8-3.2	UL94 V2 Nylon 6/6, RMS-01	Black	1000
RSC-6-01	2	43	6	9.5	4.8	0.8-3.2	UL94 V2 Nylon 6/6, RMS-01	Black	1000
RSC-9-01	2	63	6	15.9	4.8	0.8-3.2	UL94 V2 Nylon 6/6, RMS-01	Black	1000

## Adjustable Cable Clamps

SR 1787

Natural Nylon 6.6

- Strong adhesion for quick and easy installation
- Flammability rating UL94 V2



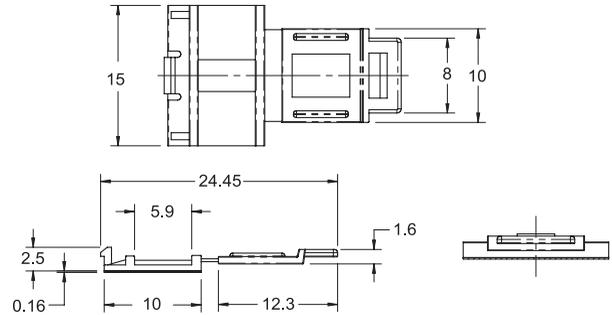
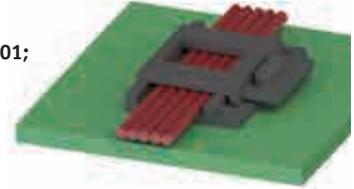
Part Number	Max. Cable Diameter (mm)	Dimensions (mm)		Standard Pack Quantity
		L	W	
460297	17.0	25.0	18.0	100
460298	22.0	30.5	21.0	100
460299	26.0	30.5	21.0	100

## Micro Cable Clamp

SR 2152

MCC

**Black:** UL94 V-2 Nylon 6/6, RMS-01;  
**Adhesive:** RMS-414



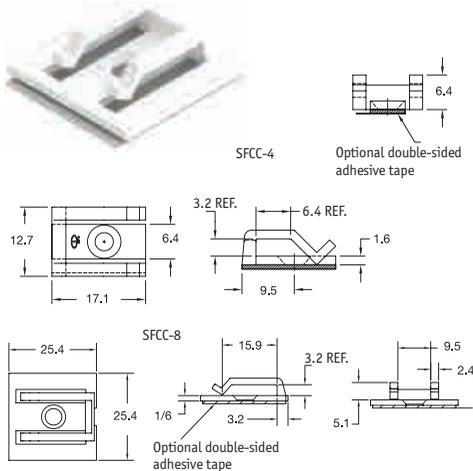
Part Number	Max Cable Ø (mm)	Standard Pack Quantity
MCC-1-01A-BK	1	1000

## Split Flat Cable Clamp

SR 2153

SFCC

Natural: UL94 V2 Nylon 6/6, RMS-01



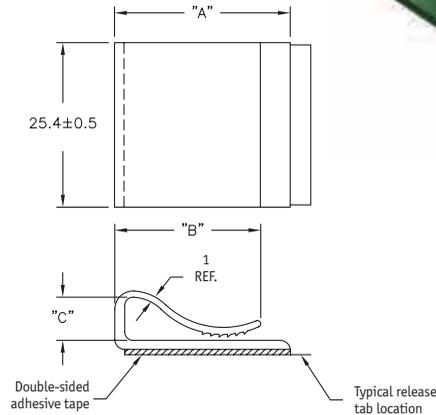
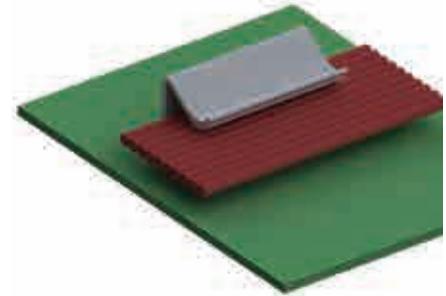
Part Number	Mounting Method	Standard Pack Quantity
SFCC-4-01	#4 or M2.5 Flat Head Screw	1000
SFCC-4-01A-RT	Adhesive, RMS-15	1000
SFCC-8-01	#6 or M3 Flat Head Screw	1000
SFCC-8-01A-RT	Adhesive, RMS-324	1000

## Flat Cable Clamp on Adhesive Base

SR 2154

CFCC

Natural: UL94 V2 Nylon 6/6, RMS-01



Part Number	Dimensions (mm)			Adhesive Material	Plastic Material	Colour	Standard Pack Quantity
	"A"	"B"	"C"				
CFCC-4-05A-RT	14.29	10.2	6.4	RMS-15	RMS-193	White	1000
CFCC-8-04A4-RT	26.97	22.35	6.4	RMS-324	UL94 V0 PVC, RMS-448	Grey	1000
CFCC-3-05	14.29	11.7	4.6	No Adhesive	UL94 V1 PPE/PS, RMS-05	White	1000
CFCC-4-05	14.29	10.2	6.4	No Adhesive	UL94 V1 PPE/PS, RMS-05	White	1000
CFCC-8-01	26.97	22.35	6.4	No Adhesive	UL94 V0 PVC, RMS-04	Grey	1000

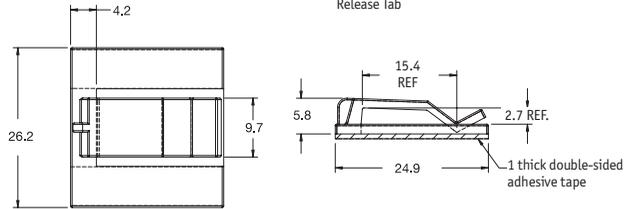
# SCREW, ADHESIVE & FLAT CABLE MOUNTS

## Split Flat Cable Clamp on Adhesive Base

SR 2155

CFCCS

Natural; Nylon 6/6, RMS-01 Adhesive Back, RMS-324



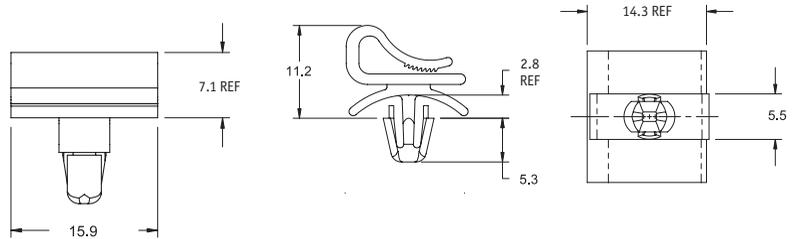
Part Number	Standard Pack Quantity
CFCCS-8-01A4	1000

## Flat Cable Clamp

SR 2156

CFCCA

Natural



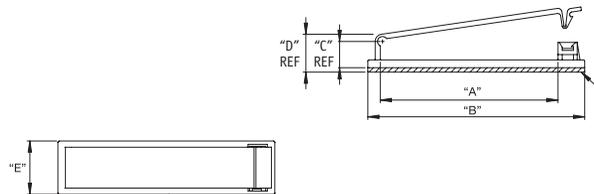
Part Number		Mounting Hole ±0.08 (mm)	Panel Thickness (mm)	Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19			
CFCCA-1-01	CFCCA-1-19	4.75	0.79-1.98	1000

## Cable Clamp on Adhesive Base

SR 2157

FCW

Natural; Double Adhesive Back, RMS-350



Part Number		Maximum Number of Conductors	Dimensions (mm)					Standard Pack Quantity
UL94 V2 Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		"A"	"B"	"C"	"D"	"E"	
FCW-29-01	FCW-29-19	30	31.5	45.1	7.7	11.1	18.9	100
FCW-30-01	FCW-30-19	30	31.6	45.5	9.0	13.1	19.1	100
FCW-40-01	FCW-40-19	40	39.3	53.0	9.3	13.4	19.1	100
FCW-50-01	FCW-50-19	50	63.2	77.2	9.1	13.2	19.1	100
FCW-50H-01	FCW-50H-19	50	64.6	78.2	15.0	19.0	18.9	100

## Cable Clamp with Adhesive Base, Silicone Foam in Centre

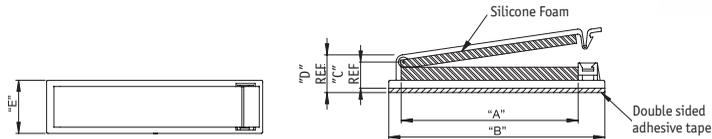
SR 2158

FCWSP

Natural UL94 V0 Nylon 6/6, RMS-19

Cushion: Grey Adhesive backed UL94 V0 Silicone Foam, RMS-135

Adhesive Base: 1.6mm thick, RMS-350



Part Number	Dimensions (mm)					Cushion Thickness Latch Side	Cushion Thickness Base Side	Standard Pack Quantity
	"A"	"B"	"C"	"D"	"E"			
FCWSF-29-19	31.5	45.1	7.7	11.1	18.9	3.3	3.3	100
FCWSF-30-19	31.6	45.5	9.0	13.1	19.1	3.3	4.8	100
FCWSF-40-19	39.3	53	9.3	13.4	19.1	3.3	4.8	100
FCWSF-50-19	63.2	77.2	9.1	13.2	19.1	3.3	4.8	100

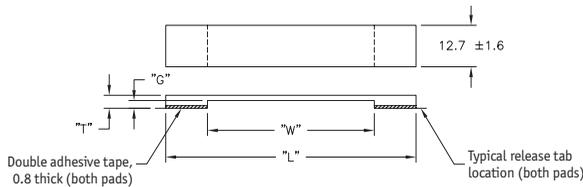
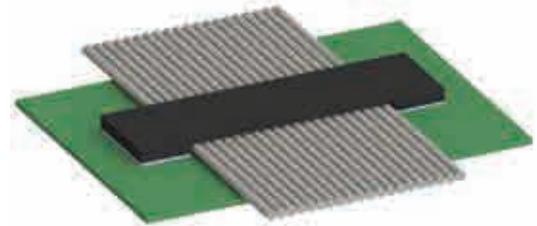
When clamp is closed, slight gap may exist between foam

## Flat Cable Clamp with Adhesive Base

SR 2159

FCC

Black; UL94 V0 PVC, RMS-04



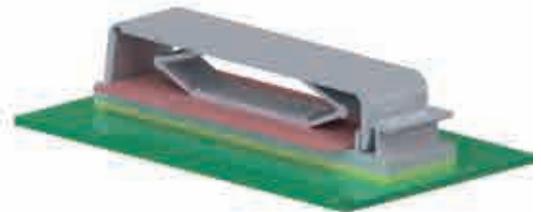
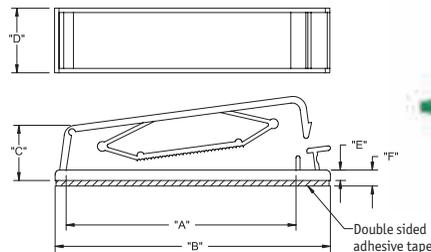
Part Number	Dimensions (mm)					Adhesive Material	Standard Pack Quantity
	"L"	"W"	"T"	"G"	"H"		
FCC-4-3-RT	38.1	12.7	4	2.4	2.4	RMS-15	100
FCC-8-3-RT	50.8	25.4	4	2.4	2.4	RMS-15	100
FCC-16-3-RT	76.2	50.8	4	2.4	2.4	RMS-15	100

## Flat Cable Clamp with Tension on Adhesive Base

SR 2160

TFCC

Natural



Part Number	Dimensions (mm)						Material	Standard Pack Quantity
	"A"	"B"	"C"	"D"	"E"	"F"		
TFCC-30-01	32.0	45.0	15.8	18.6	3.0	4.6	UL94 V2 Nylon 6/6, RMS-74; Adhesive back, RMS-350	100
TFCC-40-01	54.0	67.0	15.8	15.8	3.1	4.7	UL94 V2 Nylon 6/6, RMS-01; Adhesive back, RMS-430	100
TFCC-50-01	65.2	78.4	15.8	18.8	3.1	4.7	UL94 V2 Nylon 6/6, RMS-74; Adhesive back, RMS-350	100

# SCREW, ADHESIVE & FLAT CABLE MOUNTS

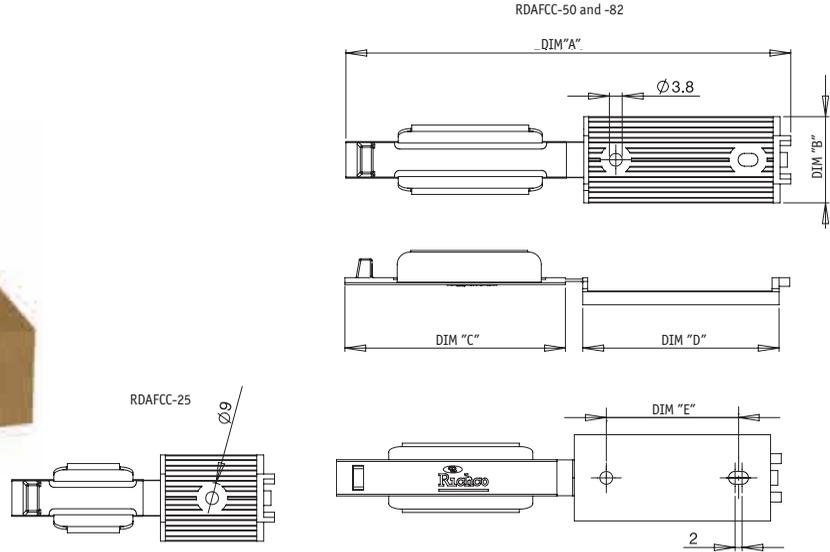
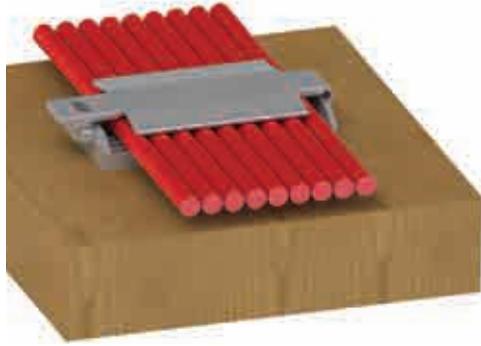
## Flat Cable Clamps

SR 2161

RDAFCO

Grey; UL94 V2 Nylon 6/6, RMS-01;

Optional Double Adhesive Back, RMS-324



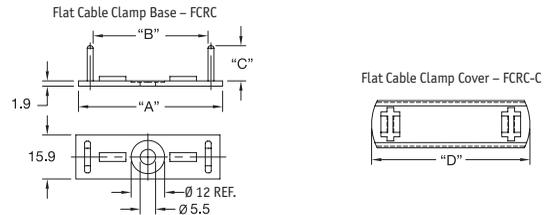
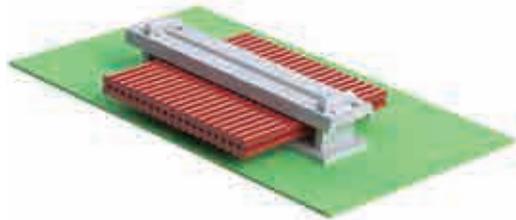
Part Number	Maximum Cable Width	Recommended Maximum Cable Thickness	Mounting Method	Dimensions (mm)					Standard Pack Quantity
				"A"	"B"	"C"	"D"	"E"	
RDAFC-25	25.4	5	#6 or M3 Screw	75.8	25.0	37.9	29.7	-	100
RDAFC-25A	25.4	5	Adhesive	75.8	25.0	37.9	29.7	-	100
RDAFC-50	50.8	5	#6 or M3 Screw	128.5	25.0	63.5	56.5	38	100
RDAFC-50A	50.8	5	Adhesive	128.5	25.0	63.5	56.5	38	100
RDAFC-82	76.2	5	#6 or M3 Screw	179.4	25.4	88.5	82.8	38	100
RDAFC-82A	76.2	5	Adhesive	179.4	25.4	88.5	82.8	38	100

## Flat Cable Clamps

SR 2162

FCRC

Natural; UL94 V2 Nylon 6/6, RMS-01 ; 0.8 Thick Adhesive Back, RMS-15



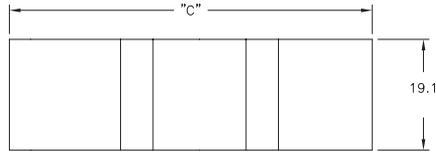
Part Number		Dimensions (mm)					Standard Pack Quantity
W/Out Adhesive	With Adhesive	"A"	"B"	"C"	Use Cover Part No.	"D"	
FCRC-13B-4	FCRC-13B-4A-RT	51.7	41.2	12.7	FCRC-13C	56.8	100
-	FCRC-19B-4A-RT	69.1	58.7	12.7	FCRC-19C	74.2	100
FCRC-21B-4	FCRC-21B-4A-RT	75.7	64.8	12.7	FCRC-21C	80.5	100
FCRC-26B-4	FCRC-26B-4A-RT	93.0	82.3	12.7	FCRC-26C	98.0	100
FCRC-13B-6	-	51.7	41.2	19.1	FCRC-13C	56.8	100
FCRC-19B-6	FCRC-19B-6A-RT	69.1	58.7	19.1	FCRC-19C	74.2	100
FCRC-21B-6	FCRC-21B-6A-RT	75.7	64.8	19.1	FCRC-21C	80.5	100
FCRC-26B-6	FCRC-26B-6A-RT	93.0	82.3	19.1	FCRC-26C	98.0	100

## Dual Flat Cable Clamp with Adhesive Base

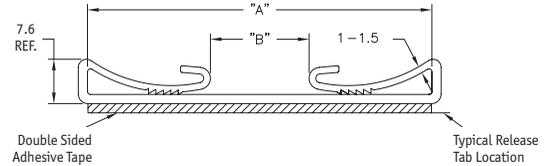
SR 2163

DFCC

Black; UL94 V0 PVC, RMS-04



Part Number	Dimensions (mm)			Adhesive Material	Standard Pack Quantity
	"A"	"B"	"C"		
DFCC-2-RT	58.7	16.8	61.9	RMS-15	100
DFCC-3-RT	82.6	40.6	85.7	RMS-15	100

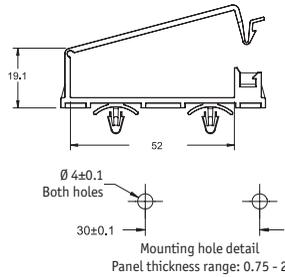


## Flat Cable Clamp Arrowhead Mounted

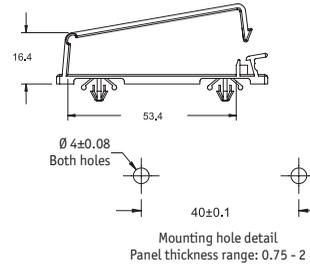
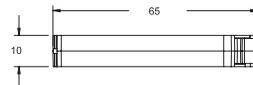
SR 2164

FCCA

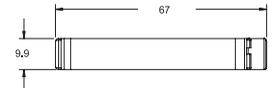
Natural; Nylon 6/6, RMS-01



FCCA-30A-01



FCCA-40A-01



Part Number	Standard Pack Quantity
FCCA-30A-01	100
FCCA-40A-01	100

## Cable Clamp Arrowhead Mounted

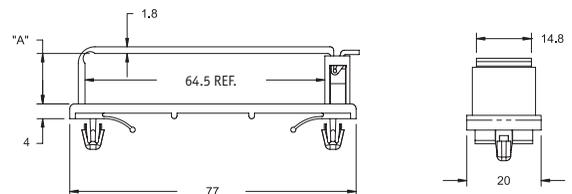
SR 2165

FCCB

Natural; UL94 V2 Nylon 6/6, RMS-01



Part Number	"A" (mm)	Standard Pack Quantity
FCCB-1	7.2	100
FCCB-2	13.7	100



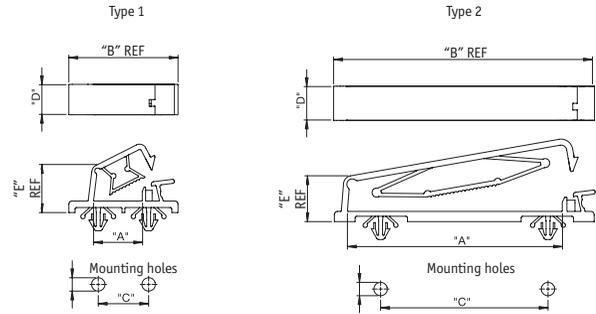
# SCREW, ADHESIVE & FLAT CABLE MOUNTS

## Arrowhead Mounted Flat Cable Clamp with Tension

T SR 2166

FCM

Natural



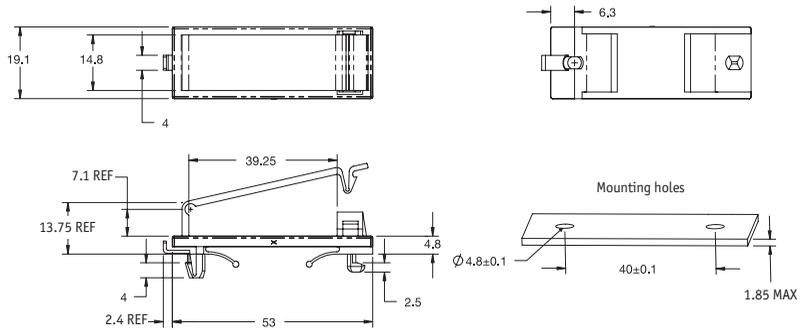
Part Number		Type	Dimensions (mm)					Mounting Hole Ø	Panel Thickness	Standard Pack Quantity
Nylon 6/6, RMS-01	UL94 V0 Nylon 6/6, RMS-19		"A"	"B"	"C"	"D"	"E"			
TFCCA-15-01	-	1	15.5	32.5	15.0	9.1	14.1	4	1 - 2	100
TFCCA-25-01	TFCCA-25-19	2	24.7	39.3	20.0	13.2	12.7	4	1 - 2	100
TFCCA-40-01	TFCCA-40-19	2	54.1	67.0	40.0	10.0	16.3	4	1 - 2	100
TFCCA-50-01	TFCCA-50-19	2	63.8	77.2	10.2	10.2	13.7	4	1 - 2	100

## Slide Entry Cable Clamp

SR 2167

FCSE

Natural UL94 V2 Nylon 6/6, RMS-01



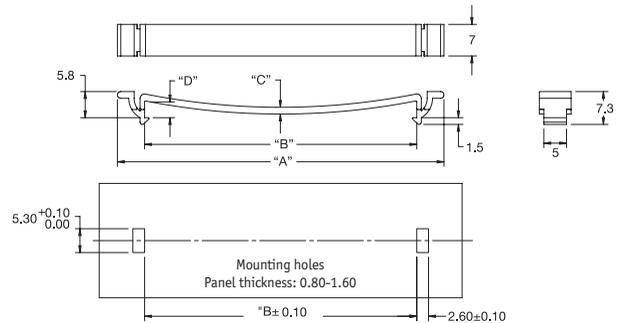
Part Number	Standard Pack Quantity
FCSE-1	100

## Snap In Flat Cable Clamp

SR 2168

FCCS

Natural Nylon 6/6, RMS-19



Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	"C"	"D"	
FCCS-1	27	15	0.8	3.4	500
FCCS-2	42	30	1.0	3.7	500
FCCS-3	47	35	1.0	3.7	500
FCCS-4	57	45	1.2	3.7	500
FCCS-5	72	60	1.5	3.7	500

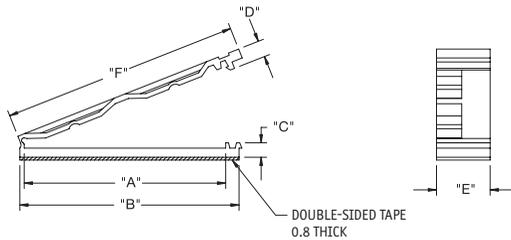
## Flat Cable Clamp with Adhesive Base

SR 2169

TFCM

Natural; Nylon 6/6, RMS-74;

Adhesive back, RMS-431



Part Number	Dimensions (mm)						Standard Pack Quantity
	"A"	"B"	"C"	"D"	"E"	"F"	
TFCM-25S	22.0	27.0	3	4.7	10	32	200
TFCM-25	29.3	36.5	3	4.7	10	40	200
TFCM-25M	55.8	61.2	4	4.7	15	66	100

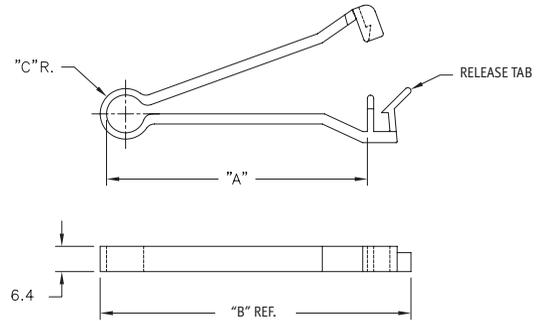
## Flat Cable Loop Clip

SR 2170

FCLC/FCLCS

Natural; Nylon 6/6,

RMS-01



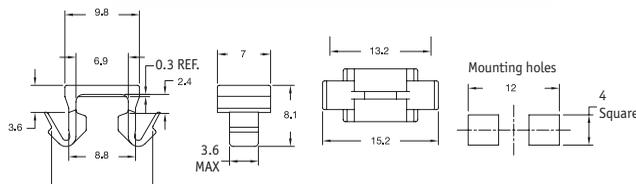
Part Number	Dimensions (mm)			Standard Pack Quantity
	"A" Max. Cable Width	"B"	"C"	
FCLCS	38.1	50.8	5.8	500
FCLC	63.5	76.2	6.4	500

## Flat Cable Loop Clamp

SR 2171

FCCE

Natural; UL94V2 Nylon 6/6, RMS-01

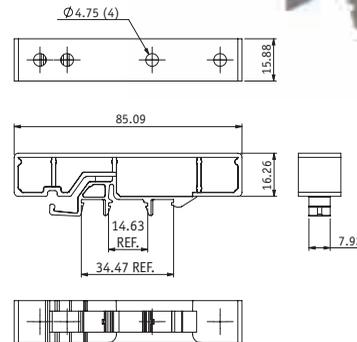
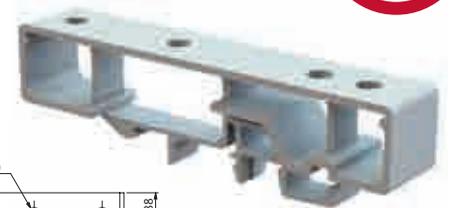


Part Number	Dimensions (mm)		Standard Pack Quantity
	Max Cable Width	Panel Thickness	
FCCE-9-01	6.35	1 - 1.2	1000

## Dinn Rail Clip

SR E-0015

Natural PA 6.6



\*Dimensions are in drawing in inches

Part Number	Standard Pack Quantity
23DRC001	100

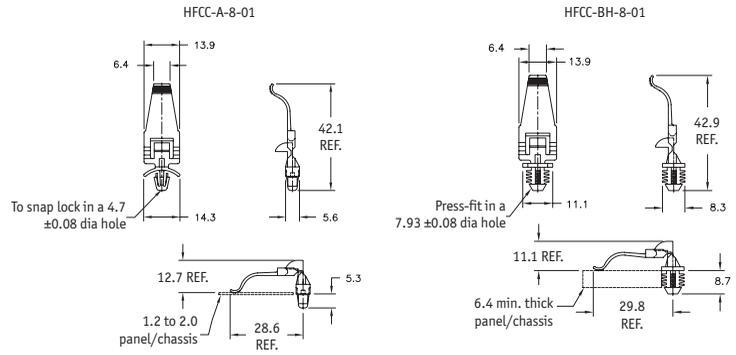
# SCREW, ADHESIVE & FLAT CABLE MOUNTS

## Hinged Cable Clamp - Self Mounting

SR 2172

HFCC

Natural, Nylon 6/6 RMS-01

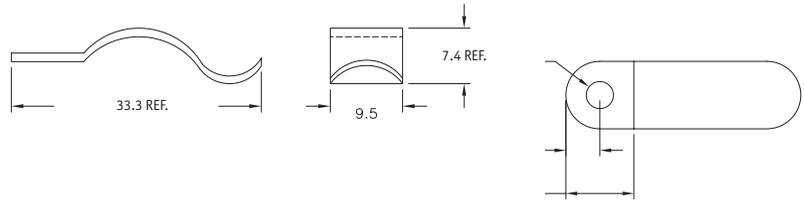


Part Number	Standard Pack Quantity
HFCC-A-8-01	1000
HFCC-BH-8-01	1000

## Tension Clamp

SR 2173

TC



Part Number	Colour	Max Hold Ø (mm)	Mounting Method	Material	Standard Pack Quantity
TC-30-1	Natural	9.5	M3 or #6 Screw or Rivet	Acetal, RMS-14	1000
TC-30-1BK	Black	9.5	M3 or #6 Screw or Rivet	Acetal, RMS-14	1000
TC-30-1-01	Natural	9.4	M3 or M3.5	Nylon 6/6, RMS-01	1000
TC-30-1-01BK	Black	9.4	M3 or M3.5	Nylon 6/6, RMS-01	1000

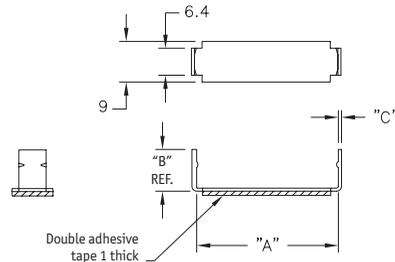
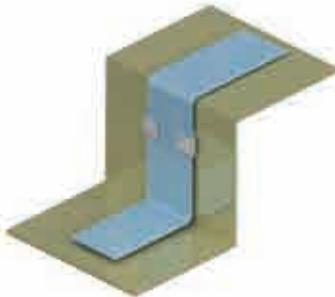
## Aluminium Flat Cable Clamp with Adhesive Base

SR 2174

AFCC

Bright Finish Aluminum, RMS-194

Adhesive Back, RMS-34



Part Number	Cable Width "A"	Dimensions (mm)		Standard Pack Quantity
		"B"	"C"	
AFCC-08	12.7	6.4	0.5	250
AFCC-12	19.1	6.4	0.5	250
AFCC-16	25.4	7.9	0.5	250
AFCC-20	31.8	9.5	0.5	250
AFCC-21	33.3	9.8	0.5	250
AFCC-28	44.5	12.7	0.7	250
AFCC-32	50.8	14.3	0.7	250

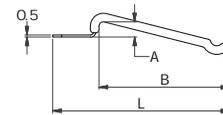
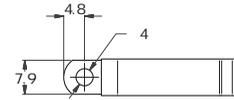
## Vinyl Coated Steel Spring Clip

SR 2175

STCV

Stainless Steel SAE30301

- Coated in Black Plastisol Vinyl for protection and insulation
- Holds down round cables, ribbon cables and tubing
- Mounts with an M3 screw or rivet
- Flexible so that the cable can be removed without having to remove the clip



Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	L	
STCV-1	2.3	30.2	40.9	1000

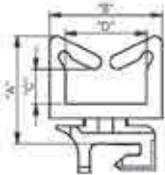
## DIN Rail Mounting Cable Clip

SR 2176

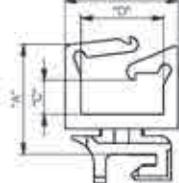
Natural Nylon 6/6 UL-94 V-2

- For use in all common DIN rail profiles
- No installation tools required
- Lightweight
- Long term cable management solution
- Can be retrofitted to current installations
- Different cable clip styles

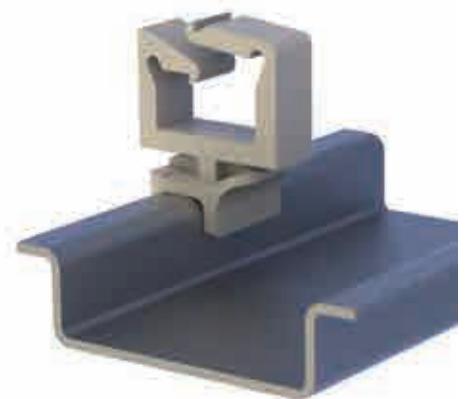
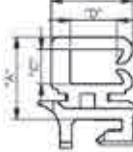
Type 1



Type 2



Type 3



Part Number	Dimensions (mm)				Type	DIN Rail Style	Standard Pack Quantity
	A	B	C	D			
DRCC-WS01	14.8	15.4	4.8	11.1	1	C-Profile	1000
DRCC-LWS01	15.1	15.5	3.6	11.3	2	C-Profile	1000
DRCT-WS01	14.8	15.4	4.8	11.1	1	Top Hat-Profile	1000
DRCT-LWS01	15.1	15.5	3.6	11.3	2	Top Hat-Profile	1000
DRCT-SEC01	11.4	11.2	4.8	6.4	3	Top Hat-Profile	1000
DRCG-WS01	14.8	15.4	4.8	11.1	1	G-Profile	1000
DRCG-LWS01	15.1	15.5	3.6	11.3	2	G-Profile	1000
DRCG-SEC01	11.4	11.2	4.8	6.4	3	G-Profile	1000

## RESTORE ORDER WITH CABLE MANAGEMENT SOLUTIONS

- Guide and protect with our cable management solutions to maintain uptime and reduce costly repairs
- IP protection ratings to protect from dust ingress, moisture and temperature variation
- High quality products to ensure cost-effective and resilient wire management



**FREE  
SAMPLES**



297



299



307



309



318



319



321



327



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337



340



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354



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MORE THAN  
**1,600**  
CABLE  
MANAGEMENT  
PRODUCTS  
AVAILABLE

# CABLE MANAGEMENT



CONDUIT AND ACCESSORIES

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GROMMETS, STRAIN RELIEF  
AND BLANKING PLUGS

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CABLE GLANDS AND ACCESSORIES

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CABLE ENTRY SYSTEMS

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CABLE TERMINALS

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FAN ACCESSORIES

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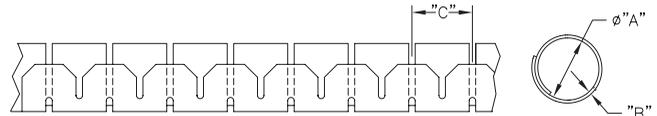
# CONDUIT AND ACCESSORIES

## Rapid Cable Wrap

SR 1723

Nylon or Polypropylene

- Crush resistant
- Tough durable protection for cable looms
- Protects against damage and wear without restricting flexibility
- Easy to install with special tool



Part Number	Dimensions (mm)				Material	Colour	Installation Tool Part Number	Standard Pack Quantity
	"A"	Max.Bundle Ø	"B"	"C"				
SHR-05-6NB	5	6	0.8	10.0	Nylon, RMS-85	Black	CAT-05-PP	100m
SHR-08-6NB	8	10	0.8	10.0	Nylon, RMS-85	Black	CAT-08-PP	100m
SHR-15-6NB	15	16	0.8	14.0	Nylon, RMS-85	Black	CAT-15-PP	50m
SHR-20-6NB	20	23	0.9	17.0	Nylon, RMS-85	Black	CAT-20-PP	30m
SHR-25-6NB	25	25	1.0	20.0	Nylon, RMS-85	Black	CAT-25-PP	20m
SHR-32-6NB	32	32	1.3	24.9	Nylon, RMS-85	Black	CAT-32-PP	15m
SHR-05-6VOB	5	6	0.8	10.0	UL94-V0 Nylon, RMS-95	Black	CAT-05-PP	100m
SHR-08-6VOB	8	10	0.8	10.0	UL94-V0 Nylon, RMS-95	Black	CAT-08-PP	100m
SHR-15-6VOB	15	16	0.8	14.0	UL94-V0 Nylon, RMS-95	Black	CAT-15-PP	50m
SHR-20-6VOB	20	23	0.9	17.0	UL94-V0 Nylon, RMS-95	Black	CAT-20-PP	30m
SHR-25-6VOB	25	25	1.0	20.0	UL94-V0 Nylon, RMS-95	Black	CAT-25-PP	20m
SHR-32-6VOB	32	32	1.3	24.9	UL94-V0 Nylon, RMS-95	Black	CAT-32-PP	15m
SHR-05-PPB	5	6	0.8	10.0	Polypropylene, RMS-94	Black	CAT-05-PP	100m
SHR-08-PPB	8	10	0.8	10.0	Polypropylene, RMS-94	Black	CAT-08-PP	100m
SHR-15-PPB	15	16	0.8	14.0	Polypropylene, RMS-94	Black	CAT-15-PP	50m
SHR-20-PPB	20	23	0.9	17.0	Polypropylene, RMS-94	Black	CAT-20-PP	30m
SHR-25-PPB	25	25	1.0	20.0	Polypropylene, RMS-94	Black	CAT-25-PP	20m
SHR-32-PPB	32	32	1.3	24.9	Polypropylene, RMS-94	Black	CAT-32-PP	15m
SHR-08-PPW	8	10	0.8	10.0	Polypropylene, RMS-94	White	CAT-08-PP	100m
SHR-15-PPW	15	16	0.8	14.0	Polypropylene, RMS-94	White	CAT-15-PP	50m
SHR-20-PPW	20	23	0.9	17.0	Polypropylene, RMS-94	White	CAT-20-PP	30m
SHR-25-PPW	25	25	1.0	20.0	Polypropylene, RMS-94	White	CAT-25-PP	20m
SHR-32-PPW	32	32	1.3	24.9	Polypropylene, RMS-94	White	CAT-32-PP	15m
SHR-15-PPS9022	15	16	0.8	14.0	Polypropylene, RMS-94	Silver	CAT-15-PP	50m
SHR-20-PPS9022	20	23	0.9	17.0	Polypropylene, RMS-94	Silver	CAT-20-PP	30m
SHR-25-PPS-9022	25	25	1.0	20.0	Polypropylene, RMS-94	Silver	CAT-25-PP	20m
SHR-32-PPS-9022	32	32	1.3	24.9	Polypropylene, RMS-94	Silver	CAT-32-PP	15m

## Installation Tool

Part Number	"A" (mm)	"B" Max Bundle Ø (mm)	To be used with	Colour	Material	Standard Pack Quantity
CAT-05-PP-BL	53	6.0	SHR-05-YYY*	Blue	Polypropylene, RMS-150	1
CAT-08-PP	71	9.5	SHR-08-YYY*	Orange/White	Polypropylene, RMS-268 & Polyacetal, RMS-267	1
CAT-15-PP	81	16.0	SHR-15-YYY*	Orange/White	Polypropylene, RMS-268 & Polyacetal, RMS-267	1
CAT-20-PP	100	20.0	SHR-20-YYY*	Orange/White	Polypropylene, RMS-268 & Polyacetal, RMS-267	1
CAT-25-PP	113	24.5	SHR-25-YYY*	Orange/White	Polypropylene, RMS-268 & Polyacetal, RMS-267	1
CAT-32-PP	144	31.0	SHR-32-YYY*	Orange/White	Polypropylene, RMS-268 & Polyacetal, RMS-267	1

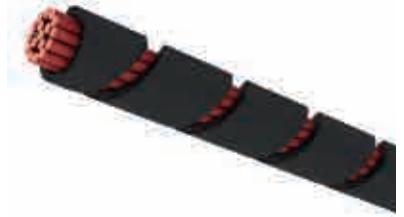
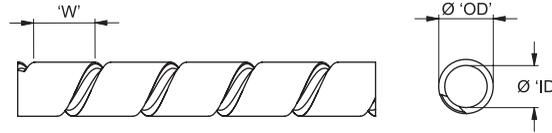
Tool available in bulk packages of 100/box. To order add -BU to the end of the part number. \*YYY = SHR Material

## Harness Wrap

SR 1725

HW

Natural/Black PE, RMS-409



Product Number		Dimensions (mm)					Standard Pack Quantity (m)	
Natural	Black	Ø 'OD'	Ø 'ID'	Wall Thickness	Bundle Capacity	'W'		
HW-3.5-5-PE	HW-3.5-5-PE-BK	3.5	2.3	0.6	2 - 15	5	50m	
HW-5-7-PE	HW-5-7-PE-BK	5.0	3.7	0.65	4 - 20	7	25m	
HW-8-10-PE	HW-8-10-PE-BK	8.0	6.5	0.75	7 - 40	10	25m	
HW-10-12-PE	HW-10-12-PE-BK	10.0	8.2	0.9	12 - 50	12	25m	
HW-12-14-PE	HW-12-14-PE-BK	12.0	10.0	1.0	13 - 70	14	25m	
HW-14-16-PE	HW-14-16-PE-BK	14.0	12.0	1.0	15 - 80	16	20m	
HW-20-22-PE	HW-20-22-PE-BK	20.0	17.6	1.2	20 - 120	22	25m	
HW-25-27-PE	HW-25-27-PE-BK	25.0	22.2	1.4	25 - 150	27	20m	

All dimensions apply to extruded tubing before cutting.

## Spiral Wrap

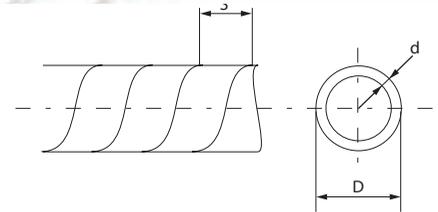
SR 1794

Black PE

- Lightweight protective wrap
- Provides cost-effective hose and cable protection



Part Number	Dimensions (mm)			Cable Bundle Diameter (mm)	Standard Pack Quantity
	D	d	S		
SBX-03-E	3.0	0.75	5.0	2-5	10m
SBX-06-E	6.0	1.0	7.0	5-8	10m
SBX-08-E	8.0	1.0	11.0	7-10	10m
SBX-10-E	10.0	1.0	12.0	9-12	10m
SBX-12-E	12.0	1.5	14.0	11-14	10m
SBX-15-E	15.0	1.5	15.0	13-17	10m
SBX-19-E	19.0	2.0	18.0	16-22	10m
SBX-24-E	24.0	2.0	20.0	20-30	10m

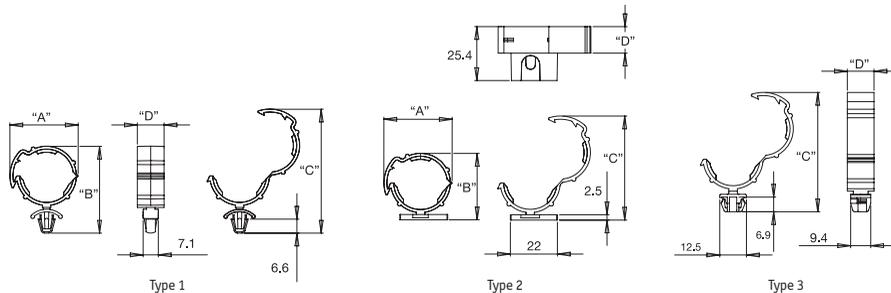


## SHR Clips

SR 1748

SHR-C

Black UL94-V2 Nylon 6/6, RMS-01



Part Number	Type	Dimensions (mm)				Accepts SHR Size	Mounting Method	Standard Pack Quantity
		"A"	"B"	"C"	"D"			
SHR-C1	1	29	42.5	58	12.5	To hold Richco Harness Wrap SHR-20 and SHR-25 sizes	Snap Lock into a 6.4 Hole in a 0.8-2 Panel	500
SHR-C2	2	30	32.5	47	12.5		#8 or M4 Screw	500
SHR-C3	2	30	32.5	47	12.5		0.8 Thick Double Sided Adhesive Tape, RMS-375	500
SHR-C4	3	30	40.5	56	12.5		Snap Lock into a 9.5 Square Hole in a 0.8-2 Panel	500

## Single Cable Duct on Adhesive Base

SR 1726

SCD

Beige, RMS-32, Adhesive, RMS-15



Part Number	Dimensions (mm)			Cable Recommendations		Standard Pack Quantity
	"A"	"B" Ref	"C" Holding Ø	Coax	Computer	
SCD-1521	7.6	6.4	4 - 5.5	RG58	-	1.83m in ten 1.8m long pieces
SCD-2228	9.1	6.6	4 - 7.1	RG59.62.6	9 Line	1.83m in ten 1.8m long pieces

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[www.essentracomponents.ie](http://www.essentracomponents.ie)

## Richflex Flexible Channel

SR 1732

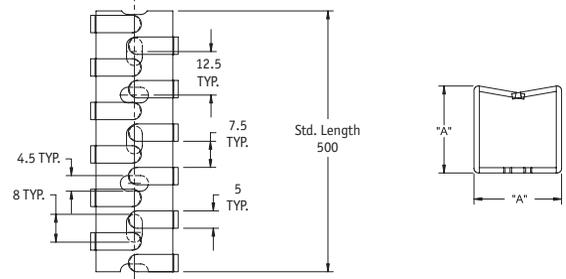
RX

Grey, Polypropylene, RMS-177 Adhesive Back, RMS-93

- 1 piece = 0.5m



Part Number	"A" (mm)	Internal Section mm <sup>2</sup>	Mounting Method	Standard Pack Quantity (pieces)
RX1313-0	12.5	110	Screw	112
RX1313-4	12.5	110	Adhesive	112
RX1616-0	16	185	Screw	84
RX1616-4	16	185	Adhesive	84
RX2020-0	20	320	Screw	112
RX2020-4	20	320	Adhesive	112
RX2525-0	25	500	Screw	70
RX2525-4	25	500	Adhesive	70
RX3030-0	30	720	Screw	50
RX3030-4	30	720	Adhesive	50
RX4040-0	40	1320	Screw	50
RX4040-4	40	1320	Adhesive	50
RX5050-0	50	2040	Screw	32
RX5050-4	50	2040	Adhesive	32



## Slotted Wire Duct

SR 1733

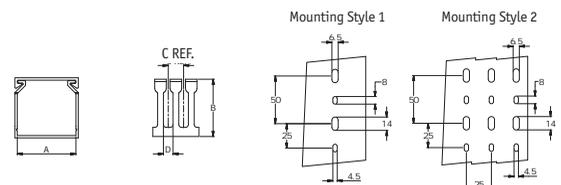
SRWD

Grey PVC

- Lid supplied with base
- Fingers are scored for easy break off
- Used for general purpose control panel wiring and to route and protect wiring in communication cupboards
- Holds breakout wires whilst providing flexibility for adding or removing wires
- 1 piece = 2 metres



Part Number	Dimensions (mm)				Mounting Style	Standard Pack Quantity
	A	B	C	D		
SRWD-1015	25.4	38.1	20.0	8.0	1	12x2m
SRWD-1515	38.1	38.1	20.0	8.0	1	12x2m
SRWD-1520	38.1	50.8	20.0	8.0	1	8x2m
SRWDN1-1530	38.1	76.2	10.0	4.0	1	12x2m
SRWD-2020	50.8	50.8	20.0	8.0	1	8x2m
SRWDN1-2030	50.8	76.2	10.0	4.0	1	12x2m
SRWD-4020	101.6	50.8	20.0	8.0	2	4x2m



# CONDUIT AND ACCESSORIES

## Flexible Cable Conduit

Our products have been developed and tested to the most demanding quality standards and have been awarded quality approvals and compliance worldwide.

### We can offer you:

- Metallic and non-metallic conduit systems and accessories
- Contractor packs offering you the convenience of conduit, fittings and lock nuts in one simple pack
- Quality products that meet your every day needs
- User friendly products offering time saving innovations
- Expert advice and guidance on suitability of products for different applications
- Same day dispatch on all parts

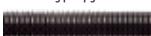


## Quick reference guide

### Metallic Conduits

CONDUIT SYSTEM	IP Rating available	Compression Strength kg/100mm	Pull of Strength (kg)	Colour	High fatigue life	Temp. Range	Flexible	Low fire hazard	Halogen free	Self-extinguishing	High abrasion resistance	High UV resistance
		20mm nominal size										
SR1756 Galvanised Steel 	IP40	350	120	Zinc	-	-100°C to 300°C	✓	✓	✓	✓	✓	-
SR1757 PVC Coated Galvanised Steel 	IP54	350	120	Black	-	-15°C to 70°C	✓	-	-	-	-	-

### Non-Metallic Conduits

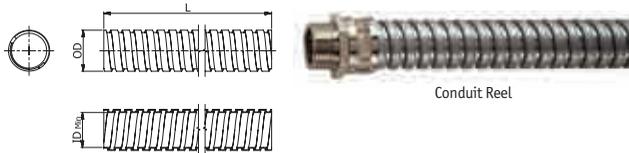
CONDUIT SYSTEM	IP Rating available	Compression Strength kg/100mm	Pull of Strength (kg)	Colour	High fatigue life	Temp. Range	Flexible	Low fire hazard	Halogen free	Self-extinguishing	High abrasion resistance	High UV resistance
		20mm nominal size										
SR1758 Nylon 	IP66, IP67	75	40	Black	✓	-40°C to 120°C	✓	✓	✓	✓	✓	✓
SR1759 Polypropylene 	IP40, IP66	350	25	Black	-	-20°C to 90°C	✓	-	-	✓	-	-

## Galvanised Steel Conduit

SR 1756

### Galvanised Steel

- Typical applications: underfloor wiring in office blocks
- High mechanical strength
- Highly flexible
- Temperature range: -100°C to +300°C
- IP40 rating with standard fittings
- Low fire hazard product
- Self extinguishing
- High abrasion resistant



### Fixed External Thread Nickel Plated Brass

Two part fitting comprising shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.



### Swivel External Thread Nickel Plated Brass

Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.



Part Number		Nominal Size (mm)	Outside Diameter (mm)	Inside Diameter (mm)	Min. Inside Bed Radius	Standard Pack Quantity
10m	25m					
494589	494590	20.0	20.5	16.9	45	1
494593	-	25.0	25.0	21.1	55	1
494597	-	32.0	32.0	28.1	60	1

### Fixed Fittings

External thread nickel plated brass

Part Number	Metric Thread Size	Standard Pack Quantity
494591	M20	10
494595	M25	10
494598	M32	2

### Swivel Fittings

External thread nickel plated brass

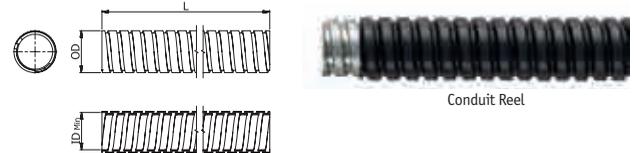
Part Number	Metric Thread Size	Standard Pack Quantity
494592	M20	10
494596	M25	10
494599	M32	2

## PVC Coated Galvanised Steel Conduit

SR 1757

### PVC Coated Galvanised Steel

- Typical applications include general factory wiring and connections to machines
- High mechanical strength
- Highly flexible
- IP54 rating with standard fittings
- Temperature range: -15°C to 70°C
- Nickel plated brass fittings



### Fixed External Thread Nickel Plated Brass

Two part fitting comprising shell and body with external thread. This fitting can be inserted into a knockout and secured with a locknut.



### Swivel External Thread Nickel Plated Brass

Two part fitting comprising shell and body. The external thread swivels about the main body. Can be used with threaded entries, or knockout secured with a locknut.



Part Number		Nominal Size (mm)	Outside Diameter (mm)	Inside Diameter (mm)	Min. Inside Bed Radius	Standard Pack Quantity
10m	25m					
494600	494601	20.0	20.5	16.9	45	1
494604	-	25.0	25.0	21.1	55	1
494608	-	32.0	32.0	28.1	60	1

### Fixed Fittings

External thread nickel plated brass

Part Number	Metric Thread Size	Standard Pack Quantity
494602	M20	10
-	M25	10
494609	M32	2

### Swivel Fittings

External thread nickel plated brass

Part Number	Metric Thread Size	Standard Pack Quantity
494603	M20	10
494607	M25	10
494610	M32	2

# CONDUIT AND ACCESSORIES

## Nylon Conduit

SR 1758

Black Nylon

- Halogen, sulphur and phosphorus free
- Temperature range: -40°C to 120°C (-20°C to 100°C for moving applications)
- Highly flexible and high fatigue life
- High impact strength and recovers if crushed
- Self-extinguishing
- IP66 when used with standard fittings
- High abrasion resistant
- High UV resistance
- UL94-V2 flame retardancy
- Highly resistant to solvents and oils
- Typical applications include: usage with all types of machinery and in public buildings



### 90° elbow external thread fitting

One piece, slim, fast fit, external threaded 90° elbow fitting suitable for knockouts (Supplied with locknuts)

### Straight external thread fitting

One piece, slim, fast fit, external threaded fitting suitable for knockouts or threaded entries. (Supplied with locknuts)

Part Number		Nominal Size (mm)	Outside Diameter (mm)	Inside Diameter (mm)	Min. Inside Bed Radius	Standard Pack Quantity
25m	50m					
-	494611	20	20.0	14.8	45	1
494614	494615	21	21.2	16.7	45	1
494618	494619	25	25.0	19.1	50	1
494622	494623	28	28.5	22.8	50	1

### Straight external thread

Part Number	Metric Thread Size	Standard Pack Quantity
494612	M20	10
494616	M21	10
494620	M25	10
494624	M28	10

### 90° Elbow external thread

Part Number	Metric Thread Size	Standard Pack Quantity
494613	M20	10
494617	M21	10
494621	M25	10

## Corrugated Tubing

SR 1734

CT

Black, PA 6 Heat Stabilised, RMS-423; LDPE, RMS-421

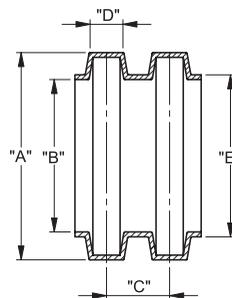
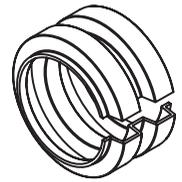
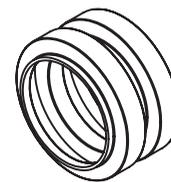


Fig. 1 Solid Version

Fig. 2 Slit Version



Part Number				Dimensions (mm)					Standard Pack Quantity
PA 6 Heat Stabilised. RMS 423		LPDE. RMS-421		Ø "A"	Ø "B"	"C"	"D"	"E"	
Type 1 Solid Version	Type 2 Slit Version	Type 1 Solid Version	Type 2 Slit Version						
CT-4.5-A-PA-BK	CT-S4.5-A-PABK	CT-4.5-A-LDPE-B	CT-S4.5-A-PEBK	7.1	4.8	2.2	1.2	5.1	
CT-8.5-A-PA-BK*	CT-S8.5-A-PABK	CT-8.5-A-LDPE-B	CT-S8.5-A-PEBK	11.7	8.4	2.4	1.5	8.8	
CT-10-A-PA-BK*	CT-S10-A-PA-BK	CT-10-A-LDPEBK	CT-S10-A-PE-BK	13	9.9	2.7	1.8	10.4	
CT-12-A-PA-BK*	CT-S12-A-PA-BK	CT-12-A-LDPEBK	CT-S12-A-PE-BK	15.7	12.2	3.1	2.2	12.8	
CT-17-A-PA-BK	CT-S17-A-PA-BK	CT-17-A-LDPEBK	CT-S17-A-PE-BK	21.2	16.6	3.3	2.3	17.2	
CT-23-A-PA-BK	CT-S23-A-PA-BK	CT-23-A-LDPEBK	CT-S23-A-PE-BK	28.3	23.2	3.4	2.3	24	
CT-29-A-PA-BK*	CT-S29-A-PA-BK	CT-29-A-LDPEBK	CT-S29-A-PE-BK	34.5	29	3.4	2.3	29.8	

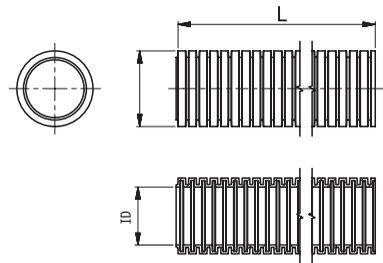
\*UL File No. E350965

## Polypropylene Contractor Packs

SR 1759

### Polypropylene

- Includes 10m of Polypropylene conduit as well as 10 fittings and lock nuts
- All supplied in a handy carry pack for easy ordering, storage and usage
- Typical applications include: buildings, particularly when buried in concrete and plaster
- IP66 when used with standard fittings
- Acid resistant
- Temperature range: -20°C to 90°C
- Self extinguishing



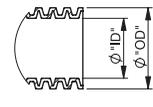
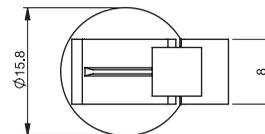
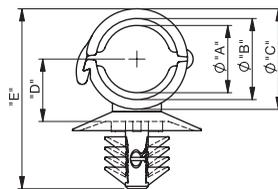
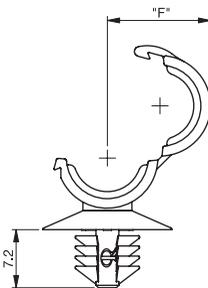
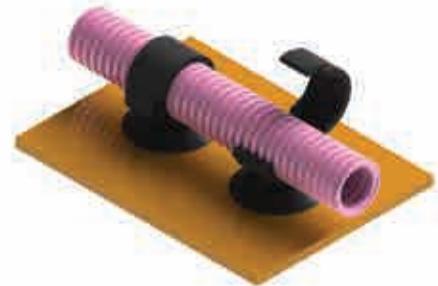
Part Number	Description	I.D.	Standard Pack Quantity
494626	M20 thread	14.8	1
494627	M25 thread	19.1	1

## Hinged Locking Clamps

SR 1736

### HLCC

Heat stabilised UL94-V2 Nylon 6/6, RMS-47, Black



Tube dimensions

Part Number	Recommended Corrugated Tube Size		Panel Hole Ø	Panel Thickness	Dimensions (mm)						Standard Pack Quantity
	ID	OD			"A"	"B"	"C"	"D"	"E"	"F"	
HLCC-1BK	5	7.1	6.5-7.0	0.8-3	5.8	7.2	9.6	6.3	19.7	9.8	1000
HLCC-2BK	6.9	9.9	6.5-7.0	0.8-3	8.3	10	12.4	7.7	22.2	12.6	1000

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## Metal Edge Mounting Clip for Corrugated Tube

SR 6262

Polyamide and Stainless Steel 302

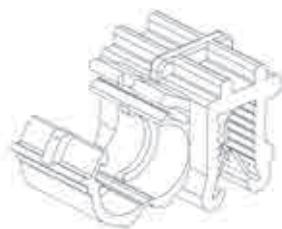
- Push on plastic/metal sheet edge anchors, for use with corrugated tubing
- Simple Tube mounting solution for all sheet material applications
- Top or side mounting options
- Individual or multi-tube mounting on same base



Type 1



Type 2



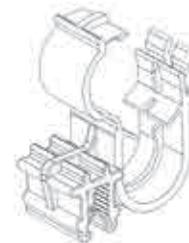
Type 3



Type 4



Type 5



Type 6

Part Number	Dimensions (mm)						Corrugated Tube NW	Standard Pack Quantity
	Panel Thickness (mm)	Width	Length	Height	Height to CT Centre	Type		
550261	0.7-3	15	15	20	15.5	1	NW 4.5	100
550262	0.7-3	15	15	20	15.5	2	NW 4.5	100
550263	0.7-3	20	15	14.5	6.5	3	NW 4.5	100
550264	3-6	20	20	17	7.7	3	NW 4.5	100
550265	3-6	20	20	21	18.5	2	NW 4.5	100
550266	3-6	15	15	23	17.5	2	NW 7.5	100
550267	3-6	12	22	23	18.5	1	NW 10	100
550268	0.7-3	22	15	20	8.7	3	NW 10	100
550269	3-6	22	20	20	8.9	3	NW 10	100
550270	0.7-3	12	34	24.4	19.4	4	2 x NW 10	100
550271	0.7-3	15	41	20	13.6	5	2 x NW 10	100
550272	0.7-3	30	15	30	8.5/18.5	6	2 x NW 10	100
550273	0.7-3	15	15	23.5	10.5	3	NW 13	100
550274	3-6	23	20	32	23.3	2	NW 13	100
550275	3-6	13	23	30	20	1	NW 13	100
550276	0.7-3	30	15	32	22.7	2	NW 17	100

CT-Corrugated tubing

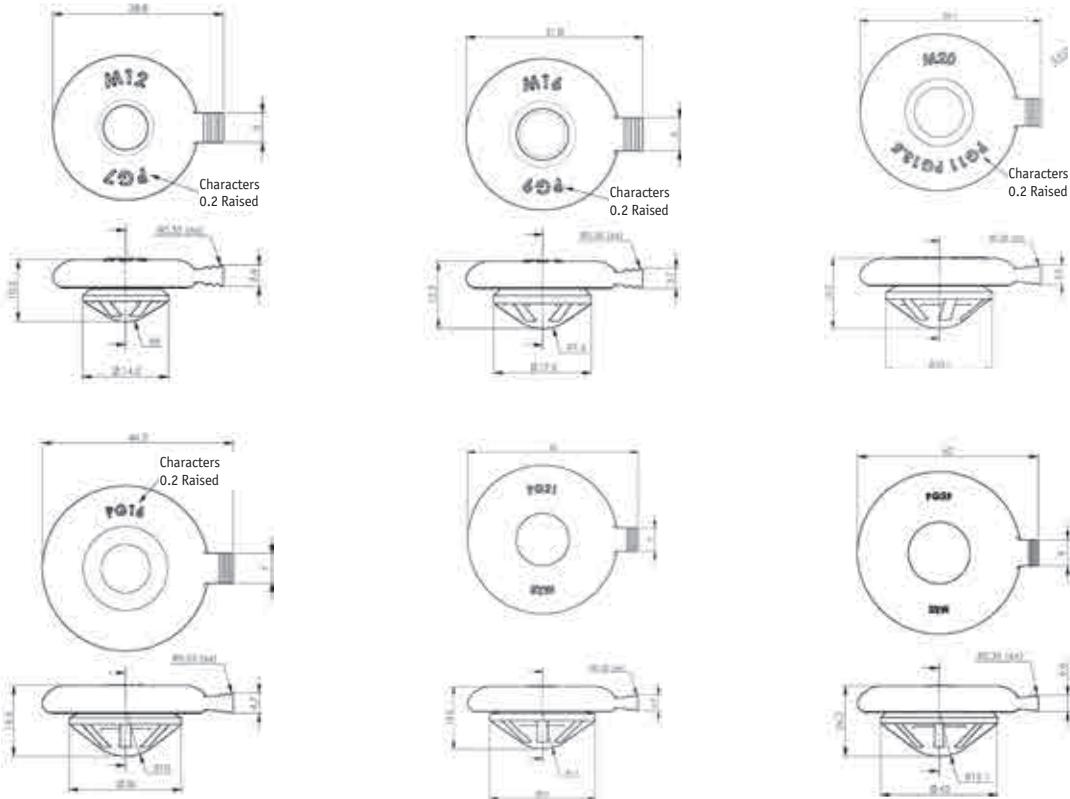
# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Push In Cable Blanking Plug

SR 6275

Silicone Rubber

- Protective cover for cable gland mounting holes
- Can be pushed into place on the end of a tool
- Range of panel depths
- Fits standard Metric and PG sizes
- Pull tab for easy release
- Complies with IP67



Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Diameter	Panel Thickness Range	Cable Gland Sizes – Metric/PG	
551846	12.2 -12.5	1- 2	M12/PG7	1000
551847	15.4 -16.2	1- 2	M16/PG9	500
551848	18.8 -20.7	1- 2	M20/PG11 + PG13.5	500
551849	22.8	1- 2	PG16	100
551850	25.2 -28.6	1- 2	M25/PG21	100
551851	32.2 -35.4	1- 2	M32	100

## Standard Grommets – Imperial

### SR 1700/1701

#### Black PVC

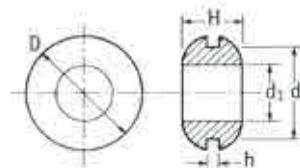
- Protects wires and cables passing through panels

#### Black Thermoplastic Rubber

- Resistant to most oils and greases
- Withstands temperatures from -40°C to 135°C

#### TPE

- Suitable for harsh environments with a wider operating temperature range
- Very stable material offering a long operating life



Part Number		Mounting Hole (d2) mm	Panel Hole Thickness (h) mm	Dimensions (mm)			Standard Pack Quantity
PVC	TPR			d1	D	H	
11177	15057	4.8	0.8	2.8	8.0	4.8	10000
11026	15058	4.8	1.6	3.2	8.0	6.4	10000
15515	-	6.0	1.2	3.2	8.8	4.0	10000
10629*	15060	6.4	0.8	4.0	9.5	4.0	10000
11333	15059	6.4	1.6	4.0	9.5	6.3	10000
10280	15061	6.4	1.6	4.8	9.5	7.0	10000
12603	-	6.4	1.6	4.8	8.8	7.0	10000
11402	15062	6.4	3.0	4.0	9.5	8.0	10000
498069	-	7.0	1.5	4.8	11.1	6.4	10000
10518	-	9.5	1.6	4.8	12.5	6.8	10000
15501	-	7.9	1.2	5.6	11.1	6.4	10000
10117	-	7.9	3.0	3.0	11.0	8.0	10000
-	15064	8.0	0.8	4.8	11.0	4.8	10000
11105	-	8.0	0.8	5.5	11.0	5.5	10000
10597*	-	8.0	1.6	5.5	11.0	5.5	10000
-	15065	8.0	1.6	5.5	11.0	5.5	10000
10489	-	8.0	0.8	4.8	11.0	4.8	10000
11318	15072	9.5	1.2	7.0	13.8	4.0	10000
-	15067	9.5	1.6	4.8	12.5	6.8	10000
10885*	15069	9.5	1.6	6.4	14.2	6.4	10000
11178	-	9.5	1.6	6.4	14.2	7.0	10000
11303	-	9.5	1.6	6.4	14.2	5.0	10000
10428	15073	9.5	1.6	8.0	14.2	4.8	10000
11107	15074	9.5	1.6	8.0	14.2	8.0	10000
15505	-	9.5	1.2	5.6	11.1	4.0	10000
-	15068	9.5	2.4	6.4	14.2	7.0	10000
15523	-	9.6	3.2	4.0	15.9	6.4	10000
11272	15071	10.2	1.2	7.0	13.8	4.5	10000
40045	-	10.3	1.6	7.2	14.3	4.0	10000
40041	-	10.3	1.6	7.9	15.9	7.9	10000
11146	15075	11.0	1.6	8.0	14.2	4.8	10000
11151	15076	11.0	1.6	8.0	14.2	8.0	10000
10744	15078	11.0	1.6	8.0	16.0	6.4	10000
15524	-	11.9	1.6	6.4	15.9	7.9	5000
15506	-	11.9	2.0	9.6	17.5	6.8	5000
10605	15079	12.5	1.6	6.4	16.0	8.0	10000
10646	15080	12.5	1.6	8.0	16.0	6.4	10000
10644	15084	12.5	1.6	9.5	17.0	7.0	10000
11019	-	12.5	1.6	9.5	19.0	6.4	5000
10881	15086	12.5	1.6	11.0	19.0	6.4	5000
10770	15081	12.5	3.0	8.0	16.0	8.0	10000
10911	15083	12.5	3.0	9.5	17.0	8.8	10000
15508	-	13.5	3.2	9.6	19.0	9.6	5000
40042	-	13.5	4.0	9.6	23.0	8.8	5000
10592	-	14.2	1.6	9.5	19.0	6.4	5000
10281	15087	14.2	1.6	11.0	19.0	6.4	5000
15528	-	15.9	0.8	11.1	19.0	9.5	5000
40010**	-	15.9	1.2	12.7	20.6	5.0	10000

Part Number		Mounting Hole (d2) mm	Panel Hole Thickness (h) mm	Dimensions (mm)			Standard Pack Quantity
PVC	TPR			d1	D	H	
10738	15089	16.0	1.2	12.5	20.5	7.0	5000
10628	15090	17.5	1.6	12.5	22.0	6.4	4000
10512	-	17.5	1.6	14.2	22.0	4.8	10000
15500	-	19.0	1.6	12.0	25.4	7.9	2000
11029	15096	19.0	1.6	12.5	25.5	6.4	2500
11326	-	19.0	1.6	16.0	22.0	5.5	10000
10293	15093	19.0	1.6	16.0	24.0	6.0	7000
10215	-	19.0	1.6	17.5	24.0	4.8	10000
40047	-	19.0	4.8	11.1	25.4	9.5	8000
11181	-	20.0	1.6	12.5	25.5	6.4	2500
30007	15095	20.0	1.6	16.0	24.0	6.5	7000
11025	-	20.5	1.2	16.0	27.0	8.0	4000
-	15098	20.5	1.2	16.0	27.0	8.0	10000
11213	-	25.2	1.2	18.5	31.4	7.5	2000
10487	15099	25.2	1.6	18.5	31.4	8.0	2000
10419	-	25.2	1.6	22.0	30.0	8.0	4000
-	15101	25.5	1.6	22.0	30.0	8.0	10000
15514**	-	30.6	3.2	25.4	44.4	9.9	1000
11214	15102	31.0	1.6	24.9	38.0	7.8	2000
11208	-	32.0	0.8	25.5	44.5	6.4	1000
10446	15105	37.0	1.6	31.2	45.5	9.5	1000
10261	15104	38.0	3.0	32.0	46.0	11.0	1000
11072	15106	50.0	1.6	45.0	60.0	10.0	500

\*Grade VX321 Shore A 43 \*\*Curved internal shoulders

#### TPE

### SR 1749

Part Number		Mounting Hole (d2) mm	Panel Hole Thickness (h) mm	Dimensions (mm)			Standard Pack Quantity
UL94-HB TPE	UL94-V0 TPE			d1	D	H	
HG-2	HG-2-V0	4.8	1.6	3.2	8.0	6.4	1000
HG-2.5	HG-2.5-V0	6.4	1.6	4.0	9.5	6.3	1000
HG-3	HG-3-V0	7.7	0.8	4.8	10.9	4.8	1000
HG-3.5	HG-3.5-V0	8.0	0.8	5.5	11.0	5.5	1000
HG-4	HG-4-V0	9.5	1.6	6.4	14.2	7.0	1000
HG-5	HG-5-V0	10.9	1.6	8.0	14.3	4.8	1000
HG-17	HG-17-V0	11.0	2.0	8.0	16.0	7.0	1000
HG-6	HG-6-V0	12.5	1.6	9.5	17.0	7.0	1000
HG-8	HG-8-V0	16.8	1.6	12.6	21.5	6.4	1000
HG-9	HG-9-V0	17.1	1.6	14.2	22.2	4.8	1000
HG-11	HG-11-V0	18.7	1.6	17.1	23.7	4.8	1000
HG-10	HG-10-V0	18.8	1.6	15.5	22.2	5.6	1000
HG-18	HG-18-V0	19.0	2.4	12.7	24.0	7.1	1000
HG-12	HG-12-V0	24.8	1.6	18.6	31.3	8.0	1000
HG-14	HG-14-V0	25.1	1.6	21.8	30.2	8.0	1000
HG-16	HG-16-V0	31.5	1.6	24.6	38.1	8.0	1000

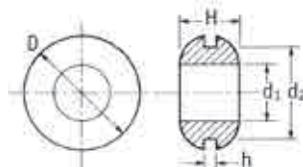
# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Standard Grommets – Metric

SR1700/SR1713

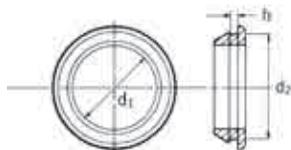
SR1700 Black PVC/SR1713 Black EPDM

- Protect wires and cables passing through panels
- EPDM – heat resistant material for use in extreme temperature environments -40°C to 125°C



Part Number		Dimensions (mm)					Standard Pack Quantity
PVC	EPDM	Mounting Hole (d2)	Panel Hole Thickness (h)	d1	D	H	
498021	498062	5.0	1.0	2.0	8.0	4.0	1000
498022	498063	5.0	1.5	2.0	8.0	4.5	1000
498023	498064	5.0	2.0	2.0	8.0	5.0	1000
498024	498065	5.0	1.0	3.0	8.0	4.0	1000
498025	498066	5.0	1.5	3.0	8.0	4.5	1000
498026	498067	5.0	2.0	3.0	8.0	5.0	1000
498027	498068	7.0	1.5	3.0	10.0	6.0	500
498028	498070	8.0	1.0	4.0	11.0	8.0	500
498029	498071	8.0	2.0	4.0	11.0	6.0	500
498030	498072	8.0	3.0	4.0	11.0	7.0	500
498031	498073	8.0	1.0	6.0	11.0	5.0	500
498032	498074	8.0	2.0	6.0	11.0	6.0	500
-	498075	9.0	1.0	6.0	12.0	5.0	500
-	498076	9.0	1.5	6.0	12.0	5.5	500
-	498077	9.0	2.0	6.0	12.0	6.0	500
-	498078	9.0	3.0	6.0	12.0	7.0	500
-	498079	9.0	4.0	6.0	12.0	8.0	500
498033	498080	10.0	1.0	6.0	14.0	6.0	500
498034	498081	10.0	1.5	6.0	14.0	6.5	500
498035	498082	10.0	2.0	6.0	14.0	7.0	500
498036	498083	10.0	3.0	6.0	14.0	8.0	500
498037	498084	10.0	1.0	8.0	14.0	6.0	500
498038	498085	10.0	1.5	8.0	14.0	6.5	500
498039	498086	10.0	2.0	8.0	14.0	7.0	500
498040	498087	10.0	3.0	8.0	14.0	8.0	500
-	498088	11.0	1.0	8.0	16.0	6.0	250
-	498089	11.0	2.0	8.0	16.0	7.0	250
-	498090	11.0	3.0	8.0	16.0	8.0	250
-	498091	11.0	4.0	8.0	16.0	9.0	250
498041	498092	12.0	1.0	8.0	16.0	6.0	250
498042	498093	12.0	2.0	8.0	16.0	7.0	250
498043	498094	12.0	3.0	8.0	16.0	8.0	250
498044	498095	12.0	4.0	8.0	16.0	9.0	250

Part Number		Dimensions (mm)					Standard Pack Quantity
PVC	EPDM	Mounting Hole (d2)	Panel Hole Thickness (h)	d1	D	H	
498045	498096	12.0	1.0	10.0	16.0	6.0	250
498046	498097	12.0	1.5	10.0	16.0	6.5	250
498047	498098	12.0	2.0	10.0	16.0	7.0	250
498048	498099	12.0	3.0	10.0	16.0	8.0	250
-	498100	14.0	1.0	11.0	18.0	6.0	250
-	498101	14.0	2.0	11.0	18.0	7.0	250
-	498102	14.0	3.0	11.0	18.0	8.0	250
498049	498103	15.0	1.0	11.0	20.0	6.0	250
498050	498104	15.0	2.0	11.0	20.0	7.0	250
498051	498105	15.0	3.0	11.0	20.0	8.0	250
498052	498106	15.0	4.0	11.0	20.0	9.0	250
498053	498107	18.0	1.0	12.0	22.0	6.0	250
498054	498108	18.0	2.0	12.0	22.0	7.0	250
498055	498109	18.0	3.0	12.0	22.0	8.0	250
498056	498110	18.0	4.0	12.0	22.0	9.0	250
498057	498111	22.0	1.0	16.0	27.0	7.0	100
498058	498112	22.0	1.5	16.0	27.0	7.5	100
498059	498113	22.0	2.0	16.0	27.0	8.0	100
498060	498114	22.0	3.0	16.0	27.0	9.0	100
498061	498115	22.0	4.0	16.0	27.0	10.0	100
-	498116	27.0	1.0	21.0	34.0	9.0	50
-	498117	27.0	2.0	21.0	34.0	10.0	50
-	498118	27.0	3.0	21.0	34.0	11.0	50
-	498119	27.0	4.0	21.0	34.0	12.0	50
-	498120	40.0	1.0	31.0	48.0	12.0	25
-	498121	40.0	2.0	31.0	48.0	13.0	25
-	498122	40.0	3.0	31.0	48.0	14.0	25
-	498123	40.0	4.0	31.0	48.0	15.0	25
-	498124	52.0	1.0	41.0	60.0	13.0	10
-	498125	52.0	2.0	41.0	60.0	14.0	10
-	498126	52.0	3.0	41.0	60.0	15.0	10
-	498127	52.0	4.0	41.0	60.0	16.0	10



## Quick-Fit Grommets

SR 1702

Black PVC/TPE, RMS-262/Silicone Rubber, RMS-368

- Snap neatly and quickly into position

PVC

Part Number			Dimensions (mm)		Standard Pack Quantity
Panel Thickness h (mm)			d1	d2	
1.5mm	2.0mm	3.0mm	d1	d2	
16200	16210	16220	6.0	10.0	5000
16201	16211	16221	7.0	11.0	10000
16202	16212	16222	8.0	12.0	10000
16203	16213	16223	10.0	14.0	10000
16204	16214	16224	12.0	16.0	10000
16205	16215	16225	14.0	18.0	10000
16206	16216	16226	16.0	20.0	4000
16207	16217	16227	18.0	22.0	4000
16208	16218	16228	22.0	26.0	4000
16209	16219	16229	24.0	28.0	2000

TPE/Silicone

Part Number			Dimensions (mm)		Standard Pack Quantity
Panel Thickness h (mm)			d1	d2	
1.5mm	2.0mm	3.0mm	d1	d2	
TPE	TPE	Silicone			
QFG-16200	-	-	6.0	10.0	1000
QFG-16201	-	-	7.0	11.0	1000
QFG-16203	-	-	10.0	14.0	1000
QFG-16204	-	-	12.0	16.0	1000
QFG-16207	-	-	18.0	22.0	1000
-	QFG-16207	-	22.0	26.0	1000
-	-	QFG-1	13.0	18.5-20	1000

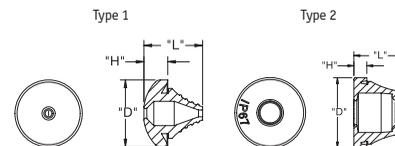
## Grommets IP67

SR 1703

EPDM

- Provide dust and watertight seal
- Suitable for external applications
- Act as a blanking plug until cable is installed
- Withstand vibration
- Quick and easy to install:

1. Press into hole
2. Puncture diaphragm by inserting wire
3. Gently pull cable back to secure



### Metric Range (Type 2)

Part Number (Grey)	Part Number (Black)	Panel Hole Size	Dimensions (mm)			Panel Thickness Range (mm)	Compatible Cable Diameter Range (mm)	Standard Pack Quantity
			D	L	H			
283120001499	283120059999	M12	20.0	12.8	7.2	0.5-2.0	4.0-7.0	50
283160001499	283160059999	M16	21.0	18.0	6.7	1.0-4.0	5.0-9.0	50
283200001499	283200059999	M20	25.5	20.0	6.6	1.0-4.0	8.0-13.0	50
283250001499	283250059999	M25	30.5	21.3	6.0	1.0-4.0	11.0-17.0	50
283320001499	283320059999	M32	38.5	24.6	6.0	1.0-4.0	15.0-20.0	25
283400001499	283400059999	M40	48.5	29.5	7.8	1.0-4.0	19.0-28.0	25
283500001499	283500059999	M50	60.5	34.8	9.8	1.0-4.0	27.0-35.0	10
283630001499	283630059999	M63	73.5	40.0	10.0	1.0-4.0	34.0-45.0	5

### PG Range

Part Number (Grey) Type 2	Part Number (Black) Type 2	Part Number (Type 1)	Panel Hole Size	Dimensions (mm)			Panel Thickness Range (mm)	Compatible Cable Diameter Range (mm)	Standard Pack Quantity
				D	L	H			
283120101499	283120159999	LTG-199017*	PG-7	20.0	12.6	7.2	0.5-2.0	3.0-5.0	50
283160101499	283160159999	-	PG-9	21.0	18.0	7.5	1.0-4.0	5.0-7.0	50
283200101499	283200159999	-	PG-11	24.0	19.8	7.1	1.0-4.0	7.0-10.0	50
283250101499	283250159999	-	PG-16	28.0	21.6	6.9	1.0-4.0	10.0-14.0	50
283320101499	283320159999	-	PG-21	35.0	24.6	7.0	1.0-4.0	14.0-20.0	25
283400101499	283400159999	-	PG-29	46.0	28.5	8.5	1.0-4.0	20.0-26.0	25
283500101499	283500159999	-	PG-36	58.0	34.9	11.0	1.0-4.0	26.0-35.0	10

\* Standard Pack Quantity = 1000

## Stepped Grommets

SR 1709

Black PVC

- Stepped sleeve can be cut to requirements
- Suit a range of cable diameters
- Protect cables passing through panels
- Act as blanking plug until cut



Part Number	Dimensions (mm)			Cable Range (mm)	Standard Pack Quantity
	d	t	h		
1251347	12.7	3	32.5	5-9	1000
1251348	21.0	3	27.5	5-17	1000
1251349	26.0	3	29.5	10-22	1000

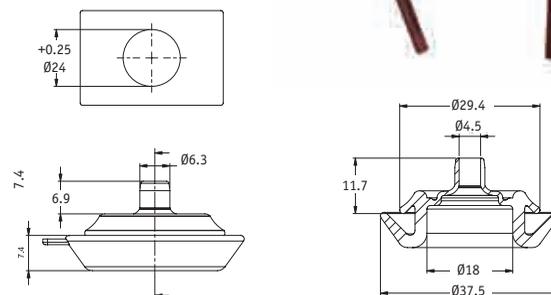
## Angular Hole Grommet

SR 1761

AHG

Black EPDM 60 Shore A RMS-420

- Max Angle 45 °



Part Number	Dimensions (mm)			Standard Pack Quantity
	Ø Cable Size	Panel Thickness	Hole Ø	
AHG-1	5-7	1 - 2.5	24	500

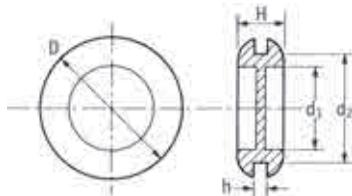
# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Diaphragm Grommets

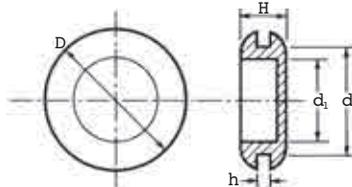
SR 1705

Black PVC/TPE, RMS-262

- Thin central film can be pierced to allow a range of different-sized wires to pass through



Type 1



Type 2

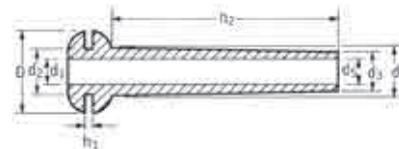
Part Number	Type	Material	Dimensions (mm)					Standard Pack Quantity
			D	d1	d2	h	H	
19426	1	PVC	19.0	11.0	16.0	1.5	5.8	5000
19427	1	PVC	22.0	12.5	16.0	2.4	8.0	5000
19428	1	PVC	25.5	15.5	19.0	1.6	8.0	2500
15512	1	PVC	25.4	15.9	19.0	2.0	7.9	2500
10134	1	PVC	25.5	15.5	19.0	2.4	8.8	2500
19429	1	PVC	25.5	15.5	19.0	3.2	9.6	2500
10187	1	PVC	25.5	15.5	20.0	1.6	8.0	2500
10806	1	PVC	36.5	19.0	25.5	2.4	8.4	2000
19430	1	PVC	39.0	25.5	32.0	2.4	8.0	1000
19431	1	PVC	39.0	25.5	32.0	4.0	9.5	1000
19432	2	PVC	12.7	6.4	9.9	1.6	6.7	10000
19433	2	PVC	15.7	9.5	12.5	1.5	6.4	10000
DGB-2.5	2	TPE	9.4	4.1	6.4	0.8	3.6	1000
19434	2	PVC	17.5	8.0	11.0	1.6	8.0	10000
DGB-4	2	TPE	12.7	6.4	9.9	1.5	6.6	1000
19435	2	PVC	19.0	11.0	16.0	1.6	8.0	5000
DGB-5	2	TPE	15.7	9.5	12.5	1.5	6.4	1000
19436	2	PVC	25.5	18.8	22.0	1.6	8.0	4000
DGB-6	2	TPE	17.5	8.0	11.0	1.5	8.0	1000
19437	2	PVC	25.5	16.0	19.0	1.5	7.0	4000
DGB-7	2	TPE	19.0	11.0	16.0	1.5	8.0	1000
19438	2	PVC	25.5	16.0	20.0	1.5	7.0	4000
DGB-10	2	TPE	25.5	18.4	22.0	1.5	8.0	1000
19439	2	PVC	30.0	20.5	25.5	1.5	8.0	2000
DGB-11	2	TPE	25.5	16.0	19.0	1.5	7.0	1000
19442	2	TPE	49.0	31.0	42.0	2.4	10.1	1000
DGB-13	2	TPE	30.0	20.5	25.5	1.5	8.0	1000

## Grommet Sleeves

SR 1710

Black PVC

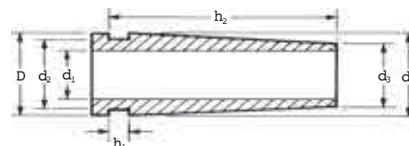
- Provide extra support and protection for cables and wires passing through panels



Type 1

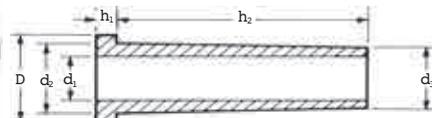
Part Number	Dimensions (mm)								Standard Pack Quantity
	D	d2	d1	d5	h1	d4	d3	h2	
12461*	14.2	7.6	6.1	5.5	3.8	8.2	7.1	31.7	1000
60466	14.3	8.7	5.1	5.1	1.6	8.7	7.1	42.0	1000
50687	14.2	9.5	6.4	6.4	2.4	9.5	7.9	14.3	1000
12468	14.0	9.5	6.4	6.4	2.6	9.5	7.9	23.0	1000

\*Features a flange on the narrow end.



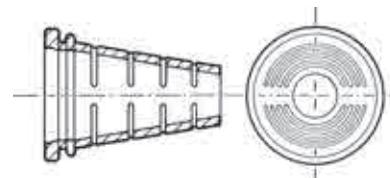
Type 2

Part Number	Dimensions (mm)						Standard Pack Quantity	
	D	d2	d1	h1	d3	h2		
12462	15.1	12.7	9.5	3.2	14.3	11.9	35.5	1000
51409	19.1	12.7	9.7	0.8	15.1	12.2	26.8	1000



Type 3

Part Number	Dimensions (mm)						Standard Pack Quantity
	D	d1	d2	d3	h1	h2	
40016	9.5	4.0	7.1	5.4	2.6	21.8	1000
15517	9.8	4.0	7.5	5.6	2.4	38.9	5000
12463	11.5	6.8	9.3	9.3	1.6	36.0	1000
60218	14.0	6.2	9.6	8.0	1.6	41.3	1000
60752	14.3	7.9	11.1	10.5	3.2	38.1	1000
12464	19.1	10.3	14.3	12.7	3.2	38.1	1000



Multi-Cable Grommet

- Graduated sleeve can be cut to requirements

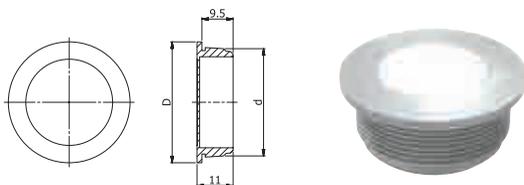
Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Size (mm)	Panel Thickness	Cable Range	
12312	20.0	1.6	8.0-17.0	1000

## Push In Twin Component Grommet

SR 1753

Grey Polyethylene/Thermoplastic elastomere

- IP 66
- Temperature range: -40°C to 80°C, intermittent to approximately 100°C
- Dust tight, quick and easy mounting
- For enclosures with more than 2mm wall thickness



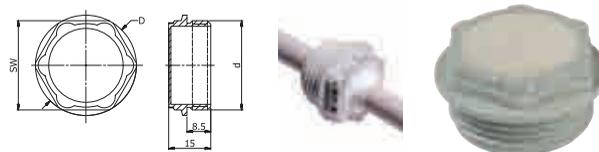
Part Number	Dimensions (mm)			Cable Range (mm)	Standard Pack Quantity
	d	D	Height		
494632	16.0	21.2	11.0	1.0 - 9.0	100
494633	20.0	25.2	11.0	1.0 - 13.0	100
494634	25.0	30.2	11.0	1.0 - 18.0	100
494635	32.0	37.2	11.0	1.0 - 25.0	50

## Screw In Twin Component Grommet

SR 1752

Grey Polypropylene/Thermoplastic elastomere

- IP 66
- Temperature range: -30°C to 80°C, intermittent to approximately 100°C
- Dust tight, quick and easy mounting
- For applications with threaded holes or fixing without locknut



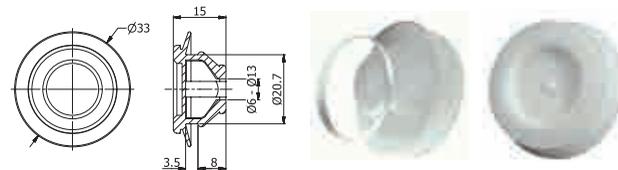
Part Number	Thread Size (mm)	Dimensions (mm)			Cable Range (mm)	Standard Pack Quantity
		d	D	Height		
494628	M16 x 1.5	17.0	19.0	15.0	1.0 - 9.0	100
494629	M20 x 1.5	20.0	22.0	15.0	1.0 - 13.0	100
494630	M25 x 1.5	24.0	27.0	15.0	1.0 - 18.0	100
494631	M32 x 1.5	32.0	36.0	15.0	1.0 - 25.0	50

## Strain Relief Membrane Entry

SR 1755

Grey Polyamide/Thermoplastic Elastomere

- IP 66/67
- Temperature range: -40°C to 65°C
- UV resistant
- Suitable for applications where space is limited and flexibility and appearance are important
- Wall thickness: 0.8-3.5mm



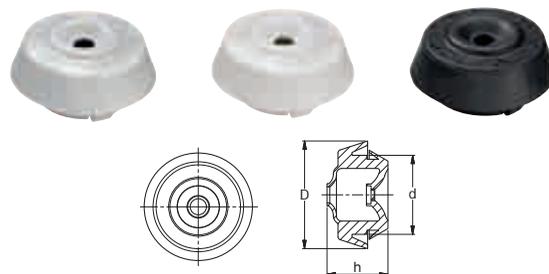
Part Number	Dimensions (mm)			Cable Range (mm)	Standard Pack Quantity
	d	D	Height		
494642	20.7	33	15.0	60.-13.0	15.0

## Membrane Entry

SR 1754

Nylon/Thermoplastic Elastomere

- IP 67
- Temperature range: -20°C to 125°C
- Suitable for unthreaded holes
- Quick and easy installation without tools
- Cable anchorage type A (same standard as most cable glands)
- Sealed until the cable is installed
- Push out the membrane using the cable
- Panel Thickness: 1.5-5.0mm



Part Number			Panel Hole Size	Dimensions (mm)			Compatible Cable Diameter Range (mm)	Compatible Panel Hole Thickness (mm)	Standard Pack Quantity
Grey	Black	White		h	d	D			
284200022545	284200059945	284200016445	M20	17.2	20.5	25.0-29.0	4.0-11.0	5.5	50
284250022545	284250059945	284250016445	M25	17.2	25.5	30.0-35.0	4.0-13.0	5.7	50
284200122545	284200159945	284200116445	M20	19.0	20.5	25.0-30.0	4.0-11.0	5.5	50
284250122545	284250159945	284250116445	M25	19.0	25.5	30.0-36.0	4.0-13.0	5.7	50

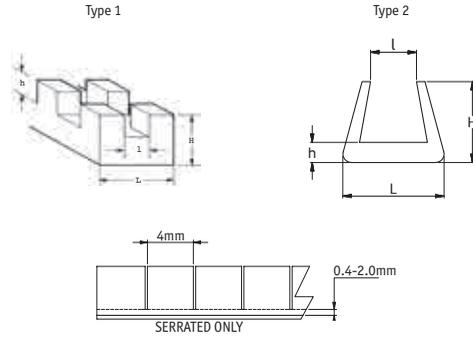
# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Grommet Strips

SR 1712

Natural Polythene/Nylon, RMS-413

- Protect against damage from sharp panel edges
- Ideal for tight radii in panel cut-outs and holes

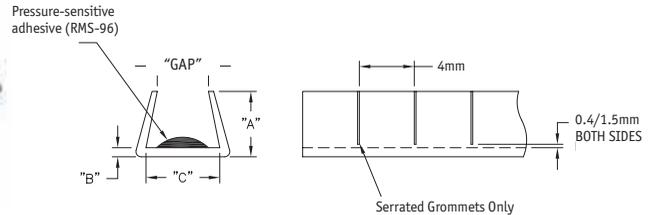


Part Number		Type	Material	Dimensions (mm)				Standard Pack Quantity
Solid Lengths	Serrated			L	l	H	h	
-	49087	1	Polythene	2.20	0.9	2.4	1.8	25m
-	49088	1	Polythene	3.80	1.4	4.0	2.5	25m
-	49089	1	Polythene	4.50	2.3	4.0	2.5	25m
-	49090	1	Polythene	5.60	3.3	4.0	2.5	25m
-	49091	1	Polythene	8.30	5.0	5.8	4.0	25m
-	49092	1	Polythene	9.80	6.6	6.1	4.3	25m
NGSE-1	SGSE-1	2	Nylon	2.40	0.5	3.2	0.8	30m
NGSE-2	SGSE-2	2	Nylon	4.40	0.9	4.4	0.8	30m
NGSE-2.5	SGSE-2.5	2	Nylon	4.40	1.5	4.4	0.8	30m
-	SGSE-3	2	Nylon	6.40	2.7	4.8	1.2	30m
NGSE-4	SGSE-4	2	Nylon	6.10	4.2	4.8	1.2	30m
NGSE-5	SGSE-5	2	Nylon	8.00	4.8	4.8	1.2	30m
-	SPGSE-1	2	Polythene (RMS-412)	2.53	0.5	3.2	0.8	30m
-	SPGSE-1.5	2	Polythene (RMS-412)	3.20	0.9	4.4	0.8	30m
PGSE-2	SPGSE-2	2	Polythene (RMS-412)	5.00	0.6	4.4	0.8	30m
PGSE-2.5	SPGSE-2.5	2	Polythene (RMS-412)	4.40	1.5	4.4	0.8	30m
PGSE-3	SPGSE-3	2	Polythene (RMS-412)	6.40	2.7	4.8	1.2	30m
-	SPGSE-4	2	Polythene (RMS-412)	7.20	4.2	4.8	1.2	30m
PGSE-5	SPGSE-5	2	Polythene (RMS-412)	7.20	4.8	4.8	1.2	30m

## Continuous Grommet Strip with Adhesive

SR 1764

NGSG/SNGSG/PGSG/SPGSG



Part Number		Colour	Material	Dimensions (mm)					Standard Pack Quantity
Solid Lengths	Serrated Lengths			Panel Thickness Range	"GAP"	"A"	"B"	"C"	
NGSG-2	SNGSG-2	Natural	UL94-HB Nylon, RMS-88	0.9 - 1.8	0.9	4.4	0.8	2.8	30m Roll
-	SNGSG-2B	Black	UL94-HB Nylon, RMS-88	0.9 - 1.8	0.9	4.4	0.8	2.8	30m Roll
NGSG-2.5	SNGSG-2.5	Natural	UL94-HB Nylon, RMS-88	1.8 - 2.7	1.5	4.4	0.8	2.8	30m Roll
NGSG-3	SNGSG-3	Natural	UL94-HB Nylon, RMS-88	2.7 - 4.2	2.7	4.8	1.2	4	30m Roll
PGSG-2	SPGSG-2	Natural	Polyethylene, RMS-418	0.9 - 1.8	0.9	4.4	0.8	2.8	30m Roll
PGSG-2B	SPGSG-2B	Black	Polyethylene, RMS-418	0.9 - 1.8	0.9	4.4	0.8	2.8	30m Roll
PGSG-6*	SPGSG-6*	Natural	Polyethylene, RMS-418	0.9 - 1.8	0.9	4.1	0.6	1.5	30m Roll
PGSG-6B*	-	Black	Polyethylene, RMS-418	0.9 - 1.8	0.9	4.1	0.6	1.5	30m Roll
PGSG-2.5	SPGSG-2.5	Natural	Polyethylene, RMS-418	1.8 - 2.7	1.5	4.4	0.8	2.8	30m Roll
PGSG-2.5B	SPGSG-2.5B	Black	Polyethylene, RMS-418	1.8 - 2.7	1.5	4.4	0.8	2.8	30m Roll
-	SPGSG-7*	Natural	Polyethylene, RMS-418	1.8 - 2.7	1.5	4.8	0.9	2.5	30m Roll
PGSG-3	SPGSG-3	Natural	Polyethylene, RMS-418	2.6 - 4.2	2.7	4.8	1.2	4	30m Roll
PGSG-3B	SPGSG-3B	Black	Polyethylene, RMS-418	2.6 - 4.2	2.7	4.8	1.2	4	30m Roll
-	SPGSG-8*	Natural	Polyethylene, RMS-418	2.6 - 4.2	2.7	4.8	0.9	4	30m Roll

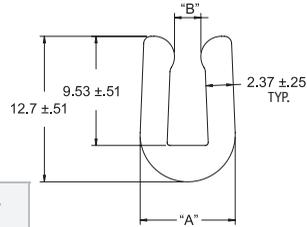
\*Parts are extra flexible

## Rubber Edge Grommet

SR 1770

RG

Black, TPE, RMS-214



Part Number	Dimensions (mm)			Standard Pack Quantity
	Panel Thickness	"A"	"B"	
RG-1	1.6	6.74	0.76	30m Roll
RG-2	2.36	7.44	1.52	30m Roll
RG-3	3.18	8.23	2.29	30m Roll

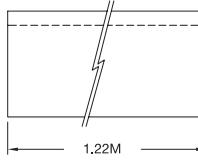
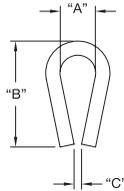
## Duro-Strip Channel

SR 1775

DSC

RMS-21, Nylon 66.6

RMS-413, Nylon 6



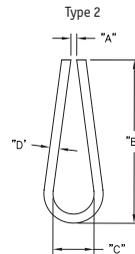
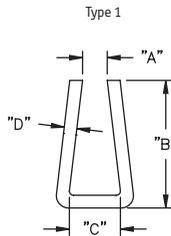
Part Number	Dimensions (mm)				Material	Standard Pack Quantity
	"A" ± 0.4	"B" ± 0.8	"C"	Panel Thickness		
DSC-5-48	1.6	7.6	0.8	0.8	MDS Filled Nylon, RMS-21	1.22m lengths x 25
DSC-1-48	3.2	9.5	0.5	1.2	RMS-413	1.22m lengths x 25
DSC-2-48	4.8	12.7	0.8	1.2	RMS-413	1.22m lengths x 25
DSC-3-48	6.4	15.9	1.1	1.6	MDS Filled Nylon, RMS-21	1.22m lengths x 25

## Channel

SR 1778

CH

White, Polystyrene, RMS-16



Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		"A"	"B"	"C" Min.	"D"	
CH200X250-48	1	5.1	9.5	6.4	0.8	1.22m lengths x 25
CH15X50-48	1	0.4	11.1	1.3	0.8	1.22m lengths x 25
CH20X141-48	2	0.5	14.3	3.6	0.8	1.22m lengths x 25

# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

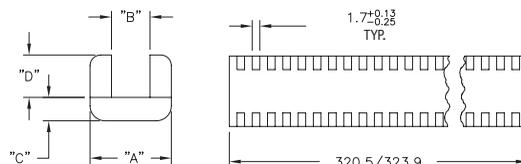
## Moulded Grommet Strip

SR 1781

MGS

Natural, Nylon 6/6, RMS-01

- Complies with NASM21266
- Minimum hole Ø 25.4mm



Part Number	Dimensions (mm)				Standard Pack Quantity (Pieces)	
	Panel Thickness	"A" + 0.38/-0.13	"B" + 0.38/-0.13	"C" + 0.38/-0.13		"D" + 0.38/-0.13
MGS-1-01	0.4-1.3	3.8	1.4	1.4	2.5	100
MGS-2-01	1.3-2.2	4.4	2.3	1.4	2.5	100
MGS-3-01	2.2-3.3	5.6	3.3	1.4	2.5	100
MGS-4-01	3.3-4.9	8.3	5.0	1.8	4.1	100
MGS-5-01	4.9-6.5	9.8	6.6	1.8	4.3	100
MGS-6-01	6.5-8.1	11.3	8.1	1.9	4.6	100
MGS-8-01	9.7-13	16.3	13.1	1.9	4.6	50

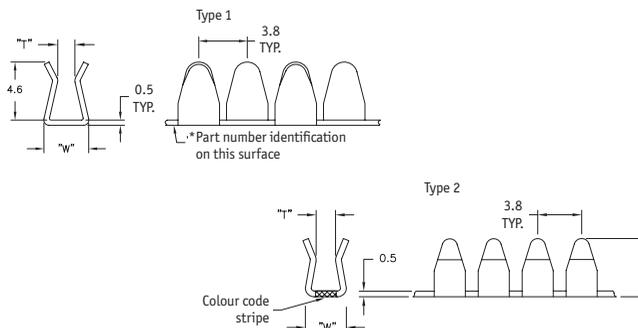
## Metal Continuous Grommet

SR 1791

MCG/MCGF

Black, 304 Stainless Steel, RMS-283; Coating: Nylon 11, RMS-192

- Dielectric Strength: 1000 Volts @ 50 Hz
- Operating Temperature Range: -40°C to 140°C
- UL94-V0 flammability rating
- MCGF Series is more flexible than the MCG series because of its design



Part Number	Type	Dimensions (mm)		Colour Code Strip. RMS-346	Standard Pack Quantity
		"T"	"W"		
MCG-1N	1	0.7-1.1	3.6	Not Applicable	30m reel
MCG-2N	1	1.1-1.4	3.6	Not Applicable	30m reel
MCG-3N	1	1.4-1.7	3.6	Not Applicable	30m reel
MCG-4N	1	1.7-2.3	4.6	Not Applicable	30m reel
MCG-6N	1	2.9-3.3	4.6	Not Applicable	30m reel
MCGF-1N	2	0.7-1.1	3.3	White	30m reel
MCGF-2N	2	1.1-1.4	3.3	Pink	30m reel
MCGF-3N	2	1.4-1.7	3.3	Yellow	30m reel

Hand held cutting tool needed, order part number MCGS-1.

## Metal Continuous Cushioned Grommet

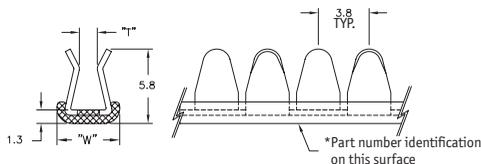
SR 1803

MCCG

Black, 304 Stainless Steel, RMS-283; Coating: Nylon 11, RMS-192,

Cushion: TPE, 60 Shore D, RMS-300

- Dielectric Strength: 1500 Volts @ 50 Hz
- Operating Temperature Range: -40°C to 85°C
- UL94-V0 flammability rating



Part Number	Dimensions (mm)		Standard Pack Quantity
	"T" Panel Thickness	"W"	
MCCG-2N	1.1-1.4	4.8	30m reel
MCCG-3N	1.4-1.7	4.8	30m reel
MCCG-4N	1.7-2.3	5.8	30m reel
MCCG-6N	2.9-3.3	5.8	30m reel

Hand held cutting tool needed, order part number MCGS-1

## Edge Wire Saddle

SR 1834

EWSE

Black Nylon, UL94-V2 Nylon 6/6, RMS-01

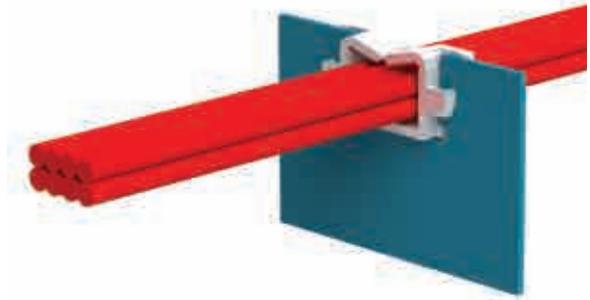


Fig. 1

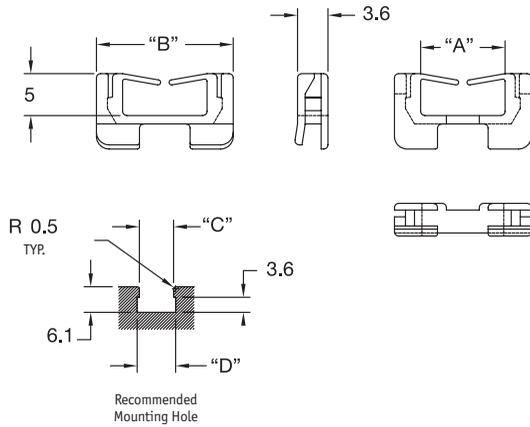
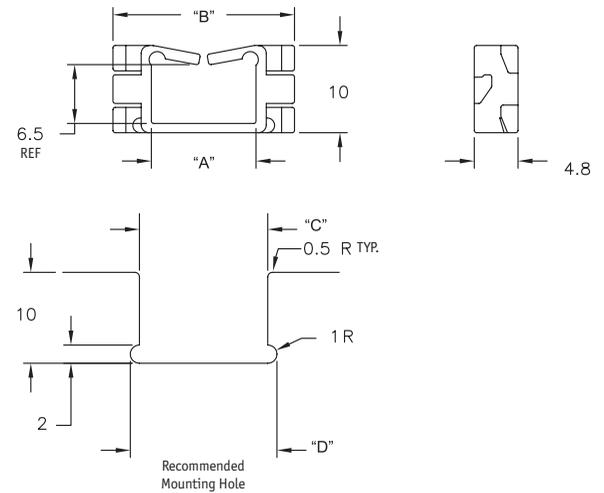


Fig. 2



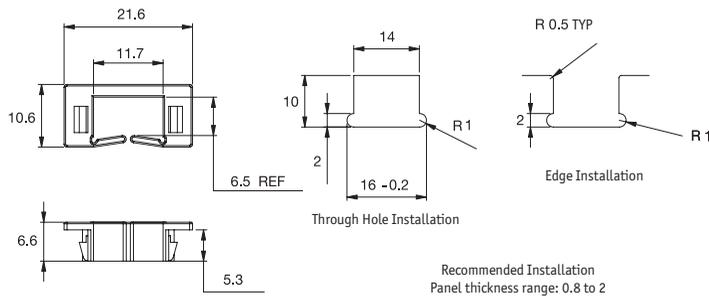
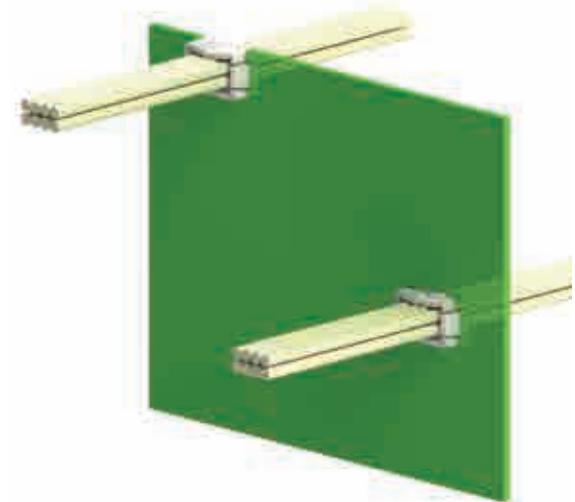
Part Number	Dimensions (mm)					Colour	Fig.	Standard Pack Quantity
	"A"	"B"	"C"	"D"	Panel Thickness			
EWSE-8.1-01	5.0	11.3	8.1	9.1	0.8 - 1.6	Natural	1	1000
EWSE-12.8-01	10.0	16.2	12.8	13.8	0.8 - 1.6	Natural	1	1000
EWSE-1-01	11.6	20.0	14.0	16.0	0.8 - 1.2	Black	2	1000
EWSE-2-01	11.6	20.0	14.0	16.0	1.2 - 1.6	Natural	2	1000
EWSE-3-01	11.6	20.0	14.0	16.0	1.6 - 2.0	Grey	2	1000

## Edge Wire Saddle

SR 1835

EWSE

Natural, Nylon 6/6, RMS-01

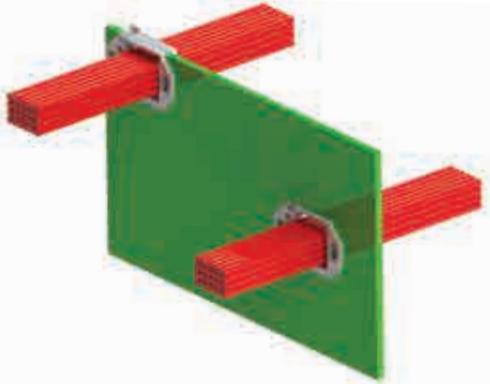


Product Number	Standard Pack Quantity
EWSJS-1-01	1000

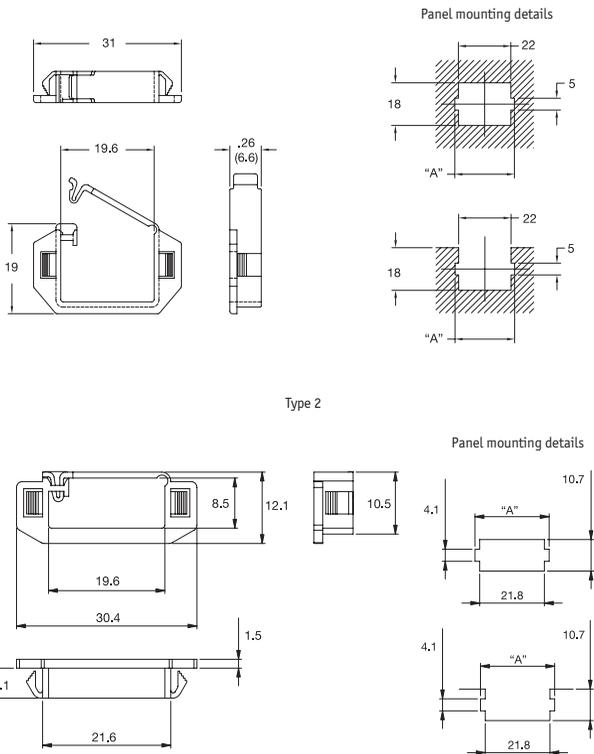
# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Hinged Edge Wire Saddle

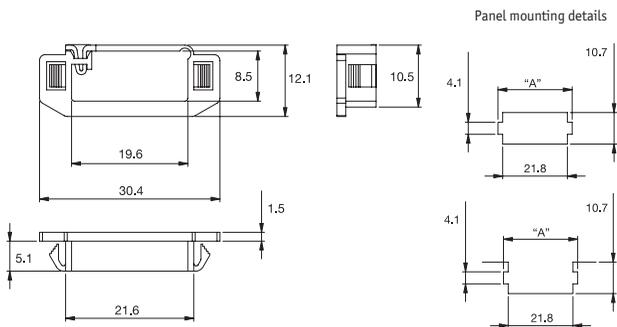
SR 1844  
HEWSE  
Natural



Type 1



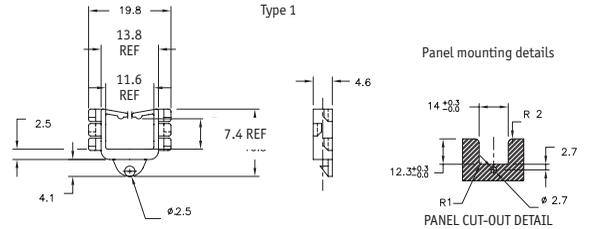
Type 2



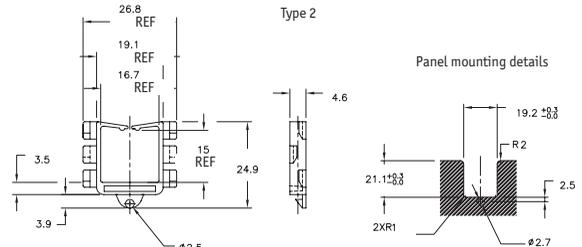
Part Number		Type	Dimensions (mm)		Standard Pack Quantity
UL94-V2 Nylon 6/6, RMS-01	UL94-V0 Nylon F.R. 6/6, RMS-19		Panel Thickness	"A"	
HEWSE-22-01	HEWSE-22-19	1	0.5 - 1.6	25	1000
HEWSE-25-01	HEWSE-25-19	2	0.8 - 1.6	25	1000
HEWSE-25-01	HEWSE-25-19	2	2.0	26	1000

## Edge Wire Saddle

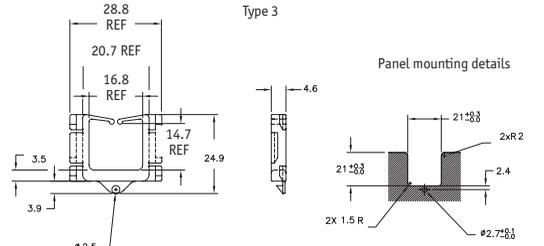
SR 1846  
LEWSE  
Natural



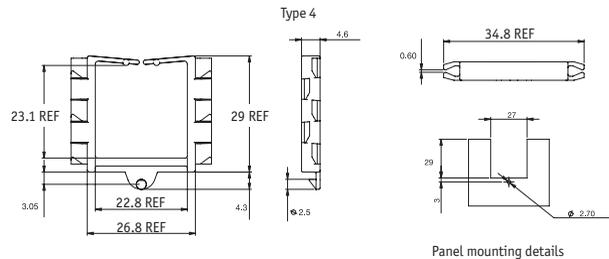
Type 2



Type 3



Type 4



Part Number		Type	Panel Thickness (mm)	Standard Pack Quantity
Nylon 6/6, RMS-01	UL94-V0 Nylon 6/6, RMS-19			
LEWSE-14-01	LEWSE-14-19	1	0.8-1.6	1000
LEWSE-19-01	LEWSE-19-19	2	0.8-1.6	1000
LEWSE-21-01	-	3	0.8-1.6	1000
LEWSE-27-01	LEWSE-27-19	4	0.8-1.6	1000

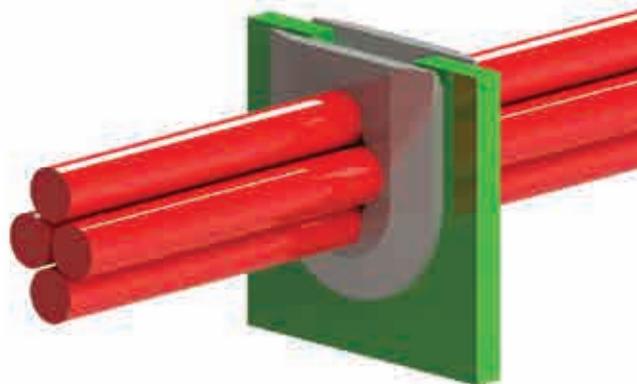
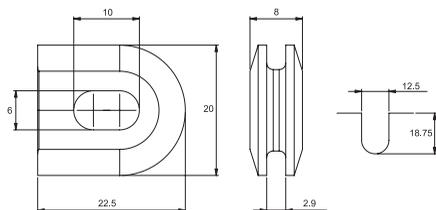
## Cable Grommet

SR 1847

CGB

**Black Silicone Rubber 65 Shore A, RMS-379**

- Continuous working temperature: 180°C
- Dimensions reflect product in an installed state



Part Number	Max. Panel Thickness (mm)	Standard Pack Quantity
1342664	2.8	1000

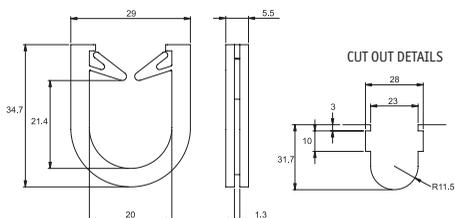
## Cable Grommet

SR 1848

CGC

**Natural UL94-V2 Nylon 6/6, RMS-01**

- Continuous working temperature: 80°C
- Dimensions reflect product in an installed state



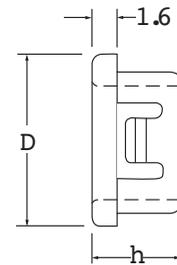
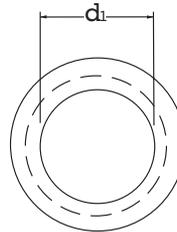
Part Number	Panel Thickness (mm)	Standard Pack Quantity
CGC-1-01	1.2	250

## Snap-Fit Bushes

SR 1706

Black Nylon – (Heat Stabilised to UL94-V2)

- Effortless snap-fit into panels
- Easy installation, no tools required
- Protect against rough panel hole edges



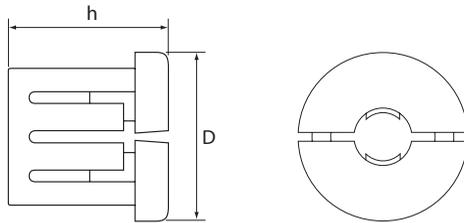
Part Number	Panel Dimensions (mm)		Part Dimensions (mm)			Standard Pack Quantity
	Mounting Hole Dia.	Max. Panel Thickness	d1	D	h	
465903	4.7	1.6	3.2	6.4	5.9	1000
110492	6.6	1.6	3.2	8.0	8.0	1000
465905	7.1	1.6	5.5	8.7	5.9	1000
PGSB-3	7.9	1.6	6.3	9.5	5.9	1000
PGSB-2	8.0	1.6	4.8	9.5	8.0	1000
465907	8.7	1.6	5.5	10.3	6.4	1000
465908	9.5	1.6	6.3	11.1	6.4	1000
110494	9.5	3.2	4.8	11.9	10.3	1000
PGSB-5	9.5	3.2	6.4	11.9	10.3	1000
465909	10.3	1.6	7.1	11.9	6.4	1000
465910	11.1	1.6	7.9	12.7	6.4	1000
PGSB-6	11.0	3.2	6.4	13.5	10.3	1000
PGSB-7	11.0	3.2	8.0	13.5	10.3	1000
PGSB-8	11.0	3.2	6.2	13.5	10.3	1000
PGSB-9	11.9	1.6	8.6	13.5	6.4	1000
PGSB-12	12.7	1.6	9.5	14.3	6.4	1000
22MP05004	12.7	3.2	6.4	14.7	10.3	1000
22MP05005	12.7	3.2	8.0	14.7	10.3	1000
110501	12.7	3.2	9.5	14.7	10.3	1000
465893	12.7	6.4	9.9	14.7	14.3	1000
PGSB-13	13.5	1.6	10.3	15.1	6.4	1000
PGSB-14	14.3	3.2	8.0	16.7	10.3	1000
110504	14.3	3.2	11.0	16.7	10.3	1000
PGSB-18	15.9	3.2	11.0	18.2	10.3	1000
110507	15.9	3.2	12.7	18.2	10.3	1000
PGSB-20	17.5	3.2	12.7	19.8	10.3	1000
PGSB-21	17.5	3.2	14.3	19.8	10.3	1000
PGSB-24	19.1	1.6	15.9	21.0	6.4	1000
PGSB-23	19.0	3.2	14.3	21.4	10.3	1000
22MP07510	19.0	3.2	16.0	21.4	10.3	1000
PGSB-25	19.8	1.6	15.9	21.8	6.4	1000
22MP08109	20.6	3.2	14.3	22.6	10.3	1000

Part Number	Panel Dimensions (mm)		Part Dimensions (mm)			Standard Pack Quantity
	Mounting Hole Dia.	Max. Panel Thickness	d1	D	h	
22MP08110	20.6	3.2	16.0	22.6	10.3	1000
PGSB-30	22.2	1.6	19.0	23.8	6.4	1000
465894	22.2	6.4	17.5	24.2	14.3	1000
PGSB-29	22.2	3.2	17.5	24.2	11.5	1000
465919	25.4	1.6	22.3	27.0	6.4	1000
110522	25.4	3.2	19.0	28.6	11.5	1000
465895	25.4	6.4	19.4	28.6	14.3	1000
PGSB-32	27.8	3.2	20.5	30.9	11.5	1000
PGSB-33	27.8	3.2	22.0	30.9	11.5	1000
PGSB-34	27.8	3.2	24.0	30.9	11.5	1000
465896	27.8-28.6	6.4	23.8	30.9	14.3	1000
465898	31.8	6.4	25.4	33.2	14.3	1000
22MP11815	30.2	3.2	24.0	33.3	11.5	250
465897	30.2	6.4	23.8	33.3	14.3	1000
PGSB-35	32.0	3.2	24.0	34.5	11.5	1000
PGSB-36	34.9	3.2	25.4	37.3	11.5	1000
465899	34.9	6.4	25.4	38.1	14.3	1000
PGSB-37	38.0	3.2	27.0	40.9	11.5	1000
PGSB-38	38.0	3.2	28.5	40.9	11.5	1000
PGSB-39	38.0	3.2	33.3	40.9	11.5	1000
465900	38.1	6.4	33.3	41.2	14.3	500
465901	44.5	6.4	34.9	47.6	14.3	500
PGSB-40	45.0	3.2	35.0	47.6	11.5	1000
465902	50.8	6.4	41.3	54.0	14.3	500
PGSB-41	51.0	3.2	41.0	54.0	11.5	1000
465884	53.1	6.4	46.0	59.7	18.3	500
PGSB-43	57.2	6.4	46.0	61.1	18.3	500
465886	63.5	6.4	51.0	67.5	18.1	500
465887	76.2	6.4	61.9	80.2	18.1	500
465888	85.7	6.4	71.4	92.9	18.3	500
465889	88.9	6.4	74.6	92.8	18.1	250
465890	101.6	6.4	87.3	105.6	18.1	250

## Snub Bushes

SR 1724

Black Nylon 6.6 – (Heat Stabilised to UL94-V2)



Part Number	Dimensions (mm)			Part Dimensions (mm)		Standard Pack Quantity
	Mounting Hole Dia.	Max. Panel Thickness	Cable Size (mm)	D	h	
SB-1	9.5	3.2	3.8	11.4	12.1	500
SB-2	11.1	3.2	5.6	14	12.1	500
SB-3	12.7	3.2	7.1	16	12.1	500
466908	9.5	3.2	3.2	11.7	10.7	1000
466909	11.1	3.2	4.8	11.9	11.2	1000
466910	12.7	6.4	3.2	14.2	11.2	1000

## Clear Blanking Plugs

SR F-0001

Clear Copolyester

- Flat headstyle to minimise distortion



Part Number	Dimensions (mm)					Standard Pack Quantity
	Style	Panel Thickness	A	B	C	
62WP0187	A	1.6	4.8	6.4	5.9	1000
62WP0250	A	1.6	6.4	8	8.0	1000
62WP0312	A	1.6	8.0	9.5	8.0	1000
62WP0375	B	3.2	9.5	12	10.3	500
62WP0437	B	3.2	11.0	13.5	10.3	1000
62WP0500	B	3.2	12.7	14.6	10.3	1000
62WP0625	B	3.2	15.9	18.2	10.3	1000

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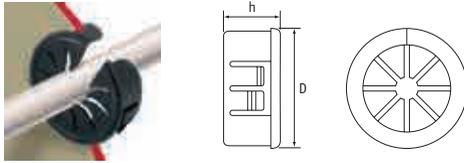


# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Open/Closed Universal Bushes

SR 1737

Black Nylon 6.6 - (Heat Stabilised to UL94-V2)

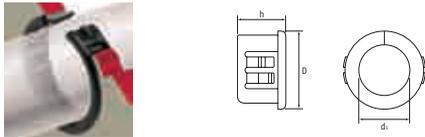


Part Number	Panel Dimensions (mm)		Part Dimensions (mm)			Standard Pack Quantity
	Mounting Hole Dia.	Max. Panel Thickness	Max. I.D.	D	h	
466888	15.9	3.2	11.1	18.2	10.3	1000
466889	19.0	3.2	12.7	20.6	10.3	500
466890	22.2	3.2	14.3	23.4	10.3	500
466891	25.4	3.2	19.0	27.0	10.3	500
466892	27.8	3.2	20.6	30.2	10.3	100
466893	31.8	3.2	23.8	37.3	10.3	100
466894	34.9	3.2	25.4	37.3	10.3	100
466895	38.1	3.2	26.9	40.1	10.7	100

## Open/Closed Bushes

SR 1738

Black Nylon 6.6 - (Heat Stabilised to UL94-V2)



Part Number	Part Dimensions (mm)					Standard Pack Quantity
	Mounting Hole Diameter	Max. Panel Thickness	D	d1	h	
PGSA-0407A*	7.0	1.0	10.4	4.8	5.0	1000
PGSA-1013A*	13.0	1.5	16.2	9.2	5.3	500
PGSA-1316A*	16.0	1.4	19.4	12.2	5.4	500
PGSA-1519A*	19.0	1.5	22.7	14.3	5.7	500
PGSA-1822A*	22.0	1.6	25.5	17.6	5.6	500
PGSA-2024A1*	24.0	1.2	27.0	19.5	5.3	500
PGSA-2024A*	24.0	1.6	27.0	19.5	5.3	500
PGSA-2327A*	27.1	1.0	35.1	22.9	6.0	200
PGSA-2529A*	29.0	1.1	35.1	24.5	7.0	200
PGSB-0609A*	9.5	1.7	11.4	6.6	6.5	1000
PGSB-1A*	9.5	3.2	10.7	6.7	9.9	1000
PGSB-2A*	11.1	3.2	12.7	7.9	10.3	1000
PGSB-1013A*	13.0	3.5	14.9	9.0	10.5	500
PGSB-3A*	14.3	3.2	16.3	9.9	10.3	500
466900	15.9	3.2	17.5	11.5	10.3	500
PGSB-1316A*	16.0	3.5	18.0	10.5	10.5	500
PGSB-1216A*	16.5	3.3	18.6	12.3	10.0	500
466901	19.0	3.2	20.2	13.9	10.3	500
PGSB-1519A*	19.0	3.3	20.6	14.5	11.0	500
PGSB-1822A*	22.0	3.5	24.8	17.3	11.5	200
466902	22.2	3.2	23.4	17.7	10.3	500
PGSB-9A*	25.0	3.0	26.4	20.4	10.3	200
PGSB-5A*	27.8	3.2	29.4	22.2	10.3	200
PGSB-6A*	31.8	3.2	34.1	26.6	10.3	200
PGSB-7A*	34.9	3.2	37.3	29.7	10.3	200
PGSB-8A*	38.1	3.2	40.1	31.7	10.7	200

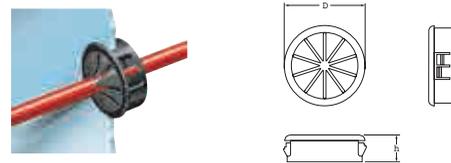
\*UL #E320906

## Universal Bushes

SR 1707

Black Nylon

- Effortless snap-fit into panels
- Protect against rough hole edges
- Ideal for wire, cable and irregular-shaped items



Part Number	Dimensions (mm)					Standard Pack Quantity
	Mounting Hole Dia.	Max Panel Thickness	Max. Cable Bundle	D	h	
PGSD-1*	12.7	1.6	7.9	15.2	6.4	500
PGSD-5*	12.7	3.2	7.9	15.2	9.8	500
466847	12.7	6.4	7.6	15.2	13.8	1000
PGSD-2*	15.9	1.6	11.1	18.5	6.4	500
PGSD-6*	15.9	3.2	11.1	18.5	10.3	500
466848	15.9	6.4	11.1	18.3	14.0	1000
466849	19.0	6.4	12.7	21.4	14.0	1000
PGSD-3*	19.5	1.6	12.7	21.4	6.4	200
PGSD-7*	19.5	3.2	12.7	21.4	9.9	200
22AF0812	20.6	3.2	12.7	22.6	9.9	1000
PGSD-4*	22.2	1.6	14.2	23.8	6.4	200
PGSD-8*	22.2	3.2	14.2	23.8	11.5	200
466850	22.2	6.4	14.3	23.8	14.0	1000
PGSD-9*	25.4	3.2	19.1	27.0	11.5	200
22AF1093	27.8	3.2	20.6	29.3	11.5	1000
466852	27.8	6.4	20.6	29.4	14.0	1000
PGSD-10*	34.9	3.2	25.4	37.8	11.5	100
466853	34.9	6.4	25.4	37.8	14.3	500
PGSD-11*	38.1	3.2	27.0	40.9	11.4	100
466854	38.1	6.4	26.9	40.9	14.3	500

\*UL #E320906

## Open Universal Bushing

SR 1849

PGSC

Black UL94-V2 Nylon 6/6

- Easy to push in design locks into place at common panel thicknesses
- Open design allows bushing to be assembled into holes that already contain a bundle
- Adjust to accept various diameters and shapes



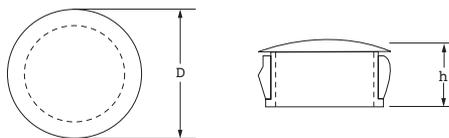
Part Number	Compatible Mounting Hole Range (mm)	Max. Panel Thickness Range (mm)	Maximum Internal Dia. (mm)	Dimensions (mm)			Standard Pack Quantity
				A	C	D	
PGSC-1319A	19.0-19.1	0.8-3.0	12.7	21.8	9.9	1.0	500
PGSC-1422A	22.2-22.4	0.8-3.0	14.3	23.8	11.5	1.0	200
PGSC-1926A	25.4-25.5	0.8-3.0	19.0	27.0	11.5	1.0	200
PGSC-2128A	27.8-28.0	0.8-3.0	20.7	29.5	11.5	1.0	200

## Domed Blanking Plugs

SR 1086

Black or White Nylon – (Heat Stabilised to UL94-V2)

- Snap into panel thicknesses of 1.6 to 3.2mm
- Ideal for closing panel cavities from 4.8 to 51mm in diameter



Part Number		Panel Dimensions (mm)		Part Dimensions (mm)		Standard Pack Quantity
Black	White	Mounting Hole Dia.	Max. Panel Thickness	D	h	
62MP0187	62MP0187W	4.8	1.6	6.4	5.9	1000
PGM-4	-	4.8	1.7	6.0	5.2	1000
460007	462728	6.4	1.6	8.0	8.0	1000
PGM-6	-	6.4	1.7	7.6	5.6	1000
PGM-7	-	7.1	1.6	11.0	7.0	1000
PGM-8	-	7.8	1.6	9.5	6.0	1000
460008	462729	8.0	1.6	9.5	8.0	1000
460009	462730	9.5	3.2	12.0	10.0	1000
PGM-9	-	9.6	1.2	13.0	6.5	1000
PGM-10	-	9.8	1.4	13.0	6.0	1000
460010	462731	11.1	3.2	13.5	10.3	1000
PGM-3	-	11.9	1.6	13.5	6.4	1000
PGM-5	-	12.7	1.6	14.3	6.4	1000
460011	462732	12.7	3.2	14.6	10.3	1000
466855	466871	12.7	6.4	14.7	14.3	1000
PGM-13	-	12.9	2.1	17.0	8.0	1000
PGM-11	-	13.5	1.6	15.1	6.4	500
460012	461285	14.3	3.2	16.7	10.3	1000
PGM-12	-	15.9	1.6	18.2	6.4	500
460013	462733	15.9	3.2	18.2	10.3	1000
466856	-	15.9	6.4	18.2	14.3	1000
PGM-16	-	16.0	2.0	20.0	8.0	500
466867	-	16.0	2.5	18.5	10.3	1000
PGM-28	62MP0687W	17.5	3.2	20.0	10.3	1000
PGM-19	-	19.0	3.2	23.5	10.5	500
62MP0750	62MP0750W	19.0	3.2	23.2	10.3	1000
PGM-14	-	19.1	1.6	21.4	6.4	500
466857	466873	19.1	6.4	23.4	14.3	1000

Part Number		Panel Dimensions (mm)		Part Dimensions (mm)		Standard Pack Quantity
Black	White	Mounting Hole Dia.	Max. Panel Thickness	D	h	
PGM-15	-	19.8	1.6	22.6	6.4	500
466868	-	20.0	2.5	22.6	10.3	1000
460016	462736	20.6	3.2	22.6	10.3	1000
PGM-22	-	22.0	3.0	26.0	9.6	500
PGM-17	-	22.2	1.6	24.6	6.4	500
-	62MP0875W	22.2	3.2	25.8	11.5	1000
PGM-29	-	22.2	3.2	28.6	11.5	200
466858	466874	22.2	6.4	25.8	14.3	1000
466869	466885	25.0	2.5	29.8	11.5	1000
460018	462738	25.4	3.2	30.5	11.5	1000
PGM-25	-	25.5	3.2	28.0	12.7	200
PGM-32	PGM-32WH	27.8	3.2	31.0	11.5	1000
466860	-	27.8-28.6	6.4	30.9	14.3	1000
62MP1187	62MP1187W	30.0	3.2	33.3	11.5	500
466861	466877	30.1	6.4	33.3	14.3	600
PGM-30	-	30.6	3.2	34.0	13.0	200
466862	-	31.7	6.4	34.9	14.3	1000
466870	-	32.0	2.5	35.3	11.5	1000
PGM-18	62MP1250W	32.0	3.2	34.9	11.5	500
466863	466879	34.9	6.4	38.1	14.3	1000
PGM-20	-	35.0	3.2	38.0	11.5	1000
PGM-31	62MP1500W	38.0	3.2	42.7	11.5	250
466864	466880	38.1	6.4	42.4	14.3	1000
466865	466881	44.5	6.4	48.4	14.3	1000
PGM-21	62MP1750W	45.0	3.2	48.4	11.5	500
PGM-23	-	50.8	3.2	55.1	11.9	100
466866	466882	50.8	6.4	55.1	14.3	1000
62MP2000	PGM-27WH	51.0	3.2	55.0	11.5	500

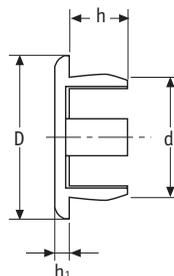
## Sheet Cover Caps

SR 2041

Beige Nylon

- Designed to seal openings in sheet material
- Other colours available online

Part Number	Dimensions (mm)				Panel Thickness Range	Standard Pack Quantity
	D	d1	h	h1		
161004015402	7.0	4.0	6.0	1.1	0.8-3.8	1000
161006015402	10.4	6.0	6.0	1.1	0.8-3.8	1000
161006415402	10.4	6.4	6.0	1.1	0.8-3.8	1000
161008015402	12.0	8.0	6.0	1.2	0.8-3.8	1000
161009515402	13.5	9.5	6.0	1.2	0.8-3.8	1000
161010015402	14.0	10.0	6.0	1.2	0.8-3.8	1000
161012015402	16.0	12.0	6.0	1.3	0.8-3.8	1000
161012715402	17.1	12.7	6.0	1.3	0.8-3.8	500
161014015402	18.7	14.0	6.0	1.4	0.8-3.8	500
161014315402	18.7	14.3	6.0	1.4	0.8-3.8	500
161015915402	20.4	15.9	6.0	1.4	0.8-3.8	500
161018015402	22.8	18.0	6.0	1.5	0.8-3.8	500
161019115402	24.0	19.1	6.0	1.5	0.8-3.8	250
161020015402	24.8	20.0	6.0	1.5	0.8-3.8	250
161022215402	27.4	22.2	6.0	1.6	0.8-3.8	250
161024015402	29.2	24.0	6.0	1.6	0.8-3.8	250
161025415402	30.6	25.4	6.0	1.6	0.8-3.8	250

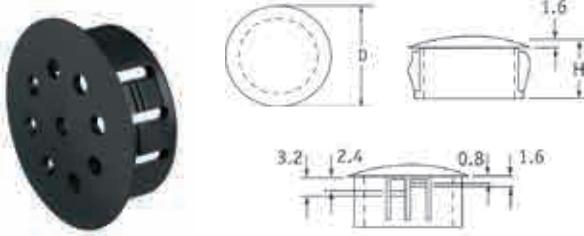


# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Vent Plugs

SR 1708

Black Nylon



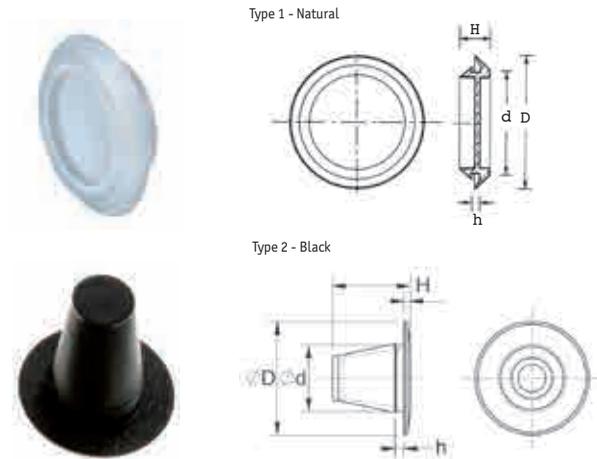
- Provide ventilation access for cooling fans, moving parts and heat-emitting components

Part Number	Panel Dimensions (mm)		Part Dimensions (mm)		Standard Pack Quantity
	Mounting Hole Dia.	Max. Panel Thickness	D	h	
62MP0875V	22.2	3.2	25.8	11.5	1000
110491	25.4	3.2	30.5	11.5	1000

## Snap-Fit Blanking Plugs

SR 1760

LDPE



- Type 1 – Ideal for metal panels up to 2.5mm thick
- Snap neatly into position
- Locks tightly, especially in thin sheet
- For protection and covering purposes

Part Number	Dimensions (mm)				Type	Standard Pack Quantity
	D	d	h	H		
10923	20.0	9.5	3.0	8.5	1	5000
12540	24.0	12.5	3.0	9.8	1	5000
12975	27.0	14.0	3.0	10.0	1	5000
12541	27.5	16.0	3.0	9.8	1	5000
12543	31.5	20.0	3.0	9.8	1	5000
12544	33.5	22.0	3.0	9.8	1	5000
12545	36.5	25.0	3.0	9.8	1	3000
12546	39.5	28.0	3.0	9.8	1	2500
12976	41.0	31.5	3.0	9.2	1	2000
12547	49.5	38.0	3.0	9.8	1	1500
12631	59.0	47.5	3.0	9.8	1	1500
12548	61.5	50.0	3.0	9.8	1	1000
12632	62.5	51.0	3.0	9.5	1	1000
010008022003	15	8	0.5-1.2	12	2	1000
010010022003	17	10	0.5-1.2	12	2	500

## Liquid Tight Plug IP67

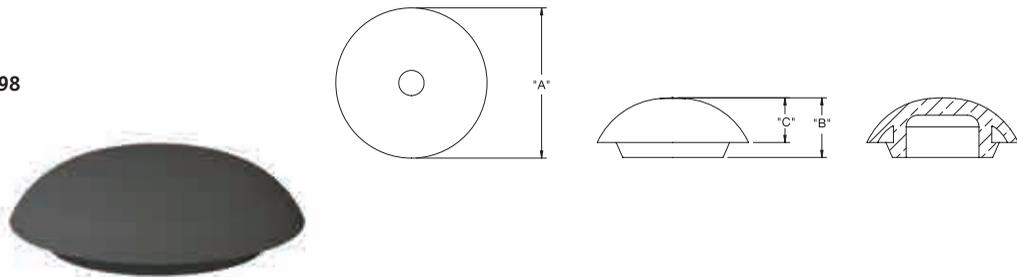
SR 1850

LTP

UL94-V0 Silicone Rubber, RMS-398

Black

- Offers protection to IP67



Part Number	Dimensions (mm)					Standard Pack Quantity
	Mounting Hole Ø	"A"	"B"	"C"	Maximum Panel Thickness	
LTP-4	12.7	23.4	11.4	7.3	3.2	1000
LTP-7	15.88	27.6	11.3	8.1	3.2	500
LTP-5	19.1	29.2	13	8.9	3.2	500
LTP-1	22.23	32	12.7	9.5	3.2	1000
LTP-6	25.4	35.8	14.2	10.1	3.2	200
LTP-2	27.76	39.2	13.7	10.5	3.2	500
LTP-3	34.93	46.2	14.7	11	3.2	200

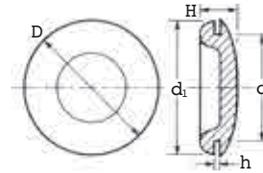
## Blanking Plugs

SR 1750/1751

SR 1750 Black PVC

SR 1751 Black TPR

- Ideal for metal panels
- Acid-resistant
- TPR withstands temperatures between -40°C and 135°C
- PVC withstands temperatures up to 50°C



Part Number		Dimensions (mm)					Standard Pack Quantity
SR1750	SR1751	D	d1	d2	h	H	
PVC	TPR						
10860	15150	9.3	9.3	4.7	1.6	4.6	10000
10825	15151	9.5	9.5	6.4	1.6	5.0	10000
10832	-	14.5	10.6	8.0	0.8	4.0	10000
10233	-	14.5	10.6	8.0	1.6	4.5	10000
10488	-	15.0	12.4	9.5	1.6	6.6	10000
10912	15155	17.7	12.8	11.2	1.6	6.2	10000
10768	-	17.0	15.5	11.5	1.6	7.0	5000
15511	-	17.5	15.9	11.9	1.2	7.1	10000
50680	-	19.0	13.1	12.0	0.8	6.5	10000
10502	15157	18.7	15.5	12.7	1.6	5.6	5000
11321	15158	20.0	18.4	14.9	1.3	7.0	10000
10213	15159	22.0	19.0	15.5	1.6	7.5	5000
1347533	-	19.0	19.0	15.9	1.6	7.1	10000
12914	-	20.0	18.5	16.3	1.3	7.0	5000

Part Number		Dimensions (mm)					Standard Pack Quantity
SR1750	SR1751	D	d1	d2	h	H	
PVC	TPR						
10678	15160	25.0	22.0	19.0	1.6	6.5	5000
10499	15161	25.0	22.0	20.0	1.6	6.5	5000
11152	15162	28.5	26.7	22.2	2.4	8.2	3000
10902	-	28.5	27.0	22.5	1.6	7.5	3000
11027	15164	30.0	27.5	24.5	2.4	8.7	2000
10705	15166	32.0	28.3	25.4	1.6	9.0	3000
11148	15165	32.0	28.3	25.4	2.4	9.0	3000
11323	-	38.5	28.5	25.0	0.8	4.6	3000
11281	15170	38.2	35.4	32.0	3.1	7.15	2000
11239	-	38.2	35.4	31.5	0.8	7.0	2000
11059	15168	38.2	35.4	31.5	1.6	7.5	2000
10877	15171	43.7	43.0	38.2	1.6	8.2	1500
10320	15172	57.5	52.6	51.5	1.6	12.4	500

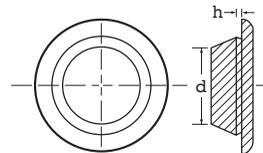
## Body Plugs

SR 1765

Black TPR

- Quick to fit
- Each size covers a range of panel thicknesses
- Withstand temperatures between -40°C and 135°C

Part Number	Dimensions (mm)		Standard Pack Quantity
	Panel Hole Size d	Panel Thickness h	
16230	10.0	0.8-2.0	5000
16231	12.0	0.8-2.0	5000
16232	14.0	0.8-2.0	5000
16233	16.0	0.8-2.0	5000
16234	18.0	0.8-2.0	2500
16235	20.0	0.8-2.0	2500
16236	22.0	0.8-2.0	2500
16237	25.0	0.8-2.0	3000
16238	30.0	0.8-2.0	2000
10517	45.0	0.8-2.0	1000



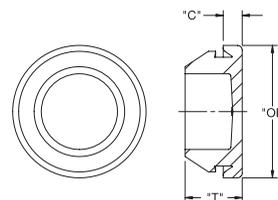
## Body Plugs IP67

SR 1851

BP

Black UL94-HB TPE

- Offers protection to IP67 at maximum panel thickness



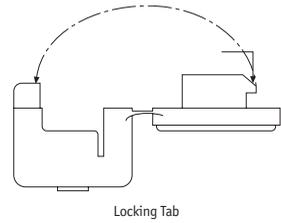
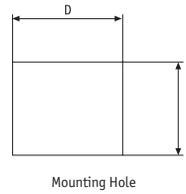
Part Number	Panel Hole Ø Ref.	Panel Thickness	Dimensions (mm)			Material	Standard Pack Quantity
			"OD"	"T"	"C"		
BP-3	22	1.6-3	28	12	4	RMS-168	1000
BP-4	26.5	0.8-2	32.5	12	4	RMS-168	1000

# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Self-Lock Strain Relief Bushes

SR 1742

Nylon 6.6 – (Heat Stabilised to UL94-V2)



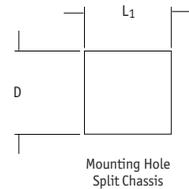
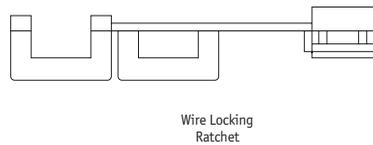
Part Number	UL/CSA Description	Fits Cable		Hole Size (mm)		Maximum Panel Thickness (mm)	Standard Pack Quantity
		Size (mm)	Shape	D	L1		
465701	ST-100N	3.0 x 5.6 - 4.1 x 7.6	Flat	11.5	13.0	2.5	500
465707	ST-201N	7.4 - 9.1	Round	17.5	17.5	4.0	500

## Split Panel Strain Relief Bushes

SR 1744

Nylon 6.6 – (Heat Stabilised to UL94-V2)

- Securely anchors, insulates, and protects cables when mounted onto a split panel
- Protect against the forces of pull, push, or twist and are suitable for round or flat cables

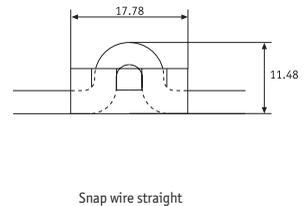
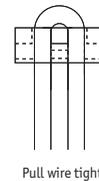
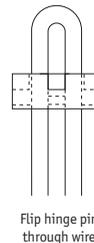
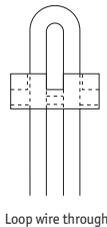


Part Number	Colour	UL/CSA Description	Cable Diameter (mm)	Maximum Panel Thickness (mm)	Hole Size (mm)		Standard Pack Quantity
					D	L1	
465714	Black	SR 8R-200	6.4 - 15.2	2.5	22.2	22.2	500
465715	White	SR 8R-201	6.4 - 15.2	2.5	22.2	22.2	500

## Non-Slip Strain Relief Bushes

SR 1745

Nylon 6.6 – (Heat Stabilised to UL94-V2)

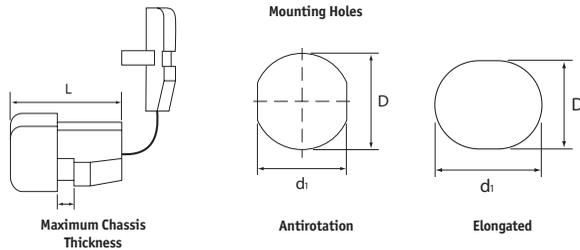


Part Number	Colour	UL/CSA Description	Cable Diameter (mm)	Standard Pack Quantity
465716	Black	ISR-14-27	3.8 x 7.1	1000

## Straight Strain Relief Bushes

SR 1730

Nylon 6.6 – (Heat Stabilised to UL94-V2)



Part Number		Fits Cable		Dimensions (mm)			Maximum Panel Thickness (mm)	Standard Pack Quantity
Black	White	Shape	Size (mm)	D	d1	L		
497648	-	Flat	2.3 x 4.5-2.8 x 5.3	9.5	8.7	10.3	0.5-1.6	100
497651	-	Flat	2.3 x 4.5-2.8 x 5.3	9.5	8.7	10.3	1.8-3.2	100
465718	-	Flat	2.3 x 4.5-2.8 x 5.3	9.5	8.7	10.3	1.6	1000
497646	-	Flat	3.0 x 5.6	11	9.9	10.3	1.9-2.5	100
465724	-	Flat	3.0 x 5.6	11	9.9	10.3	1.2	1000
497653	-	Flat	3.0 x 5.6	11.2	9.9	10.3	1.0-1.6	100
497652	-	Flat	3.0 x 7.1-3.8 x 7.6	12.7	11.8	10.3	0.5-1.6	100
497658	-	Flat	3.0 x 7.1-3.8 x 7.6	12.7	11.8	10.3	1.8-2.5	100
497655	-	Flat	5.0 x 10.4	14.3	12.9	15.2	0.5-1.6	100
497640	-	Flat	5.0 x 10.4	14.3	12.9	15.2	1.8-3.5	100
465722	-	Round	3.0-4.7	9.5	8.4	10.3	1.6	1000
465768	-	Round	7.6	12.7	11.8	11	2.3	500
497641	-	Round	7.6	12.7	11.8	11	1.8-2.3	100
497637	-	Round	6.2-7.4	12.8	11.5	11	0.5-1.6	100
497638	-	Round	6.2-7.4	13	11.5	11	1.8-2.5	100
465782	465783	Round	7.6	15.9	14	14.8	1.6	500
465778	-	Round	7.6	15.9	14	14.8	3.2	500
497644	-	Round	7.4-8.2	15.9	14	14.8	0.5-1.6	100
497643	-	Round	7.4-8.2	15.9	14	14.8	1.9-3.2	100
497642	-	Round	8.2-9.2	15.9	14	14.8	0.5-1.6	100
497645	-	Round	8.2-9.2	15.9	14	14.8	1.9-3.2	100
465774	465775	Round	8.2-9.2	15.9	14	14.8	1.6	500
497647	-	Round	9.2 - 10.5	19.7	17	19	1.9-3.2	100
497657	-	Round	12.0 - 15.2	21.6	21.3	20.6	1.9-3.2	100
465794	-	Round	13.5-15.2	22.2	21.3	20.8	1.6	200
465796	-	Round	13.5-15.2	22.2	21.3	20.8	3.2	200
465790	-	Round	9.4-11	22.2	19.6	19	3.2	200
465792	-	Round	9.4-11	22.2	19.6	19	5.1	200
497654	-	Round	9.2-10.5	28	25.5	25.2	1.0-3.2	100
465746	-	Round	5.6-6.3	12.7-13.1	11.5	11	2.5	500
465750	465751	Round	6.4-7.4	12.7-13.1	11.5	11	1.6	500
465752	465753	Round	6.4-7.4	12.7-13.1	11.5	11	4	500
465744	-	Round	6.5-7.5	12.7-13.1	11.5	11	2.5	500
465780	-	Round	7.6-9.2	15.9-17.4	14	17.1	4	500
465788	465789	Round	9.1-10.9	19.0-19.8	16.8	19	1.6	200
465784	-	Round	9.2-11	19.0-19.8	16.8	19	1.6	200

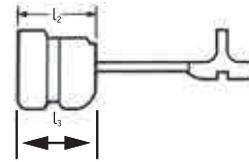
# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Strain Relief Bushes

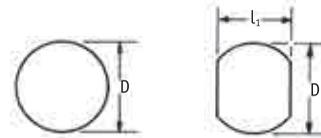
SR 1711

Black Nylon 6.6

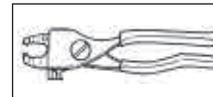
- Eliminate cable strain and wear
- Withstand temperatures up to +85°C
- Crimped onto cable and inserted into hole using tool part number 34811
- For round or elongated holes



Hole shapes



Installation tool



Part Number 34811

Part Number	UL Number	Wires Accommodated	Fits Cable		Dimensions (mm)			Max. Panel Thickness (mm)	Standard Pack Quantity
			Shape	Size (mm)	D	l1	l2		
SRB-D-3	-	SP-1.SPT-1 #18/2	Flat	3 x 5.6	11.1	10.0	10.4	1.6	500
SRB-F-1	E107293	SPT-1	Flat	3 x 5.6	9.5	8.7	10.4	1.6	1000
23MP04N40	-	-	Flat	3 x 7.6	12.7	12.7	11.8	1.6	1000
SRB-F-2	-	SP-1.SPT-1 #18/2	Flat	2.8 x 5.3	9.5	8.8	10.4	1.6	500
SRB-F-2	-	XT (Clockwire) #18/2	-	2.3 x 4.6	-	-	-	-	-
SRB-F-3	E107293	SPT-1	Flat	3 x 5.6	11.0	9.9	10.4	1.6	1000
SRB-F-4	-	SP-2.SPT-2 #16/2.HPN #16/2	Flat	4.1 x 7.6	13.1	11.8	12.7	2.5	500
SRB-F-4	-	SP-2.SPT-2 #18/2.HPN #18/2	-	3.8 x 7.1	12.7	-	-	-	-
SRB-F-5	-	HPN #16/3	Flat	4.1 x 9.4	14.3	13.5	15.2	3.3	500
SRB-F-5	-	SPT-2 #18/3	-	3.8 x 8.6	-	-	-	-	-
SRB-F-5	-	SPT-3 #16/2	-	5.1 x 9.4	-	-	-	-	-
SRB-F-5	-	SPT-3 #18/2	-	4.6 x 8.9	-	-	-	-	-
SRB-F-6	E107293	SPT-1	Flat	3 x 5.6	11.0	9.9	10.4	2.5	1000
SRB-F-7	-	SPT-1 #18/3	-	3 x 7.6	-	-	-	-	-
SRB-F-7	-	HPN #18/2	-	3.8 x 7.1	12.7	11.6	10.2	1.8	500
SRB-F-7	-	HPN #16/2	-	4.1 x 7.6	-	-	-	-	-
SRB-F-8	E107293	SPT-2	Flat	3.71 x 7.6	12.7	11.8	10.4	1.6	1000
SRB-F-8	E107293	-	-	3.8 x 7.6	13.1	-	-	-	-
SRB-F-9	E107293	SPT-2	Flat	3.71 x 7.6	12.7	-	-	2.5	-
SRB-F-9	E107293	-	-	3.8 x 7.6	13.1	-	-	-	-
23MP06N40	-	-	Round	7.2	15.9	15.9	14.0	1.6	500
SRB-R-1	E107293	SVI	Round	6.4	12.7	11.5	10.9	1.6	-
SRB-R-1	E107293	SVT	-	7.4	13.1	-	-	-	-
SRB-R-2	E107293	SVI	Round	6.4	12.7	-	-	2.5	-
SRB-R-2	E107293	SVT	-	7.4	13.1	-	-	-	-
23MP06W10	-	-	Round	7.6	12.7	12.7	11.8	2.3	1000
SRB-R-3	E107293	SJT #18/3	Round	7.6	15.9	14.0	14.8	1.6	500
SRB-R-4	E107293	SJT #18/3	Round	-	-	-	-	3.2	-
SRB-R-5	-	SV.SVT #18/2	Round	6.35	12.7	11.8	10.9	2.5	-
SRB-R-5	-	SV.SVT #18/3	-	6.73	13.1	-	-	-	-
SRB-R-5	-	HPD #16/2	-	7.37	-	-	-	-	-
SRB-R-5	-	HPD #18/2	-	6.86	12.7	-	-	-	-
SRB-R-6	-	SJ.SJT.SJO #16/2	Round	8.26	16.7	14.5	17.3	3.2	-
SRB-R-6	-	SJ.SJT.SJO #18/2	-	7.62	-	-	-	-	-
SRB-R-6	-	SJ.SJT.SJO #16/3	-	9.02	17.5	-	-	-	-
SRB-R-6	-	SJ.SJT.SJO #18/3	-	8.38	-	-	-	-	-
SRB-R-7	E107293	SJT #16/3	Round	8.2-9.2	15.9	14.0	14.8	1.6	-
SRB-R-8	E107293	SJT #16/3	Round	-	-	-	-	3.2	-
SRB-R-9	E107293	SJT #14/3	Round	9.2-10.5	19.0	16.5	19.1	1.6	100
SRB-R-9	E107293	-	-	11	19.8	-	-	-	-
SRB-R-10	E107293	SJT #14/3	Round	9.2-10.5	19.0	-	19.4	3.2	-
SRB-R-10	E107293	-	-	11	19.8	-	-	-	-

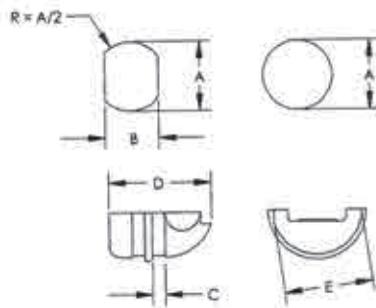
## 'EZ' Strain Relief Bushings

SR E-0009

Black Heat Stabilised PA

UL94- V2

- The 'EZ' bushing has two hinged halves which simply fold over the wire or cable
- Securely anchor, absorb and protect cables and wires from push/pull and twist forces
- No special orientation or alignment is necessary
- Insulates wires from irregular or sharp edges



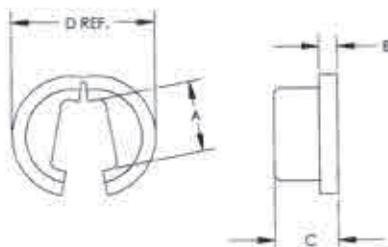
Part Number	Cross Section	Dimensions (mm)							Standard Pack Quantity
		Cable Size	Cable Type	A	B	C	D	E	
23MP04KEZS	Flat	3.8 x 7.1	SPT	12.7	11.8	2.5	14.7	12.9	1000
23MP04NEZS	Flat	3.8 x 7.1	SPT	12.7	11.8	1.6	14.4	12.7	1000
23MP06N34EZ	Round	4.1 x 7.6	SPT	12.7	11.8	1.6	14.4	12.7	1000
		7.2	SJT	15.9	14.0	1.6	16.6	14.9	
		9.0	SJT	15.9	14.0	1.6	16.6	14.9	
		10.2	SJT	15.9	14.0	1.6	16.6	14.9	

## Anti-Twist Bushings

SR E-0010

Black PA 6.6

- Eliminates the electrical cord from twisting inside the lamp
- Has a convenient opening which allows it to slip easily around the cord



Part Number	Dimensions (mm)					Standard Pack Quantity
	Fits Cable	A	B	C	D	
04MP0125ATB	3.175	4.95	1.27	4.44	9.91	1000
04MP0250ATB	6.35	4.95	1.27	4.44	12.7	1000

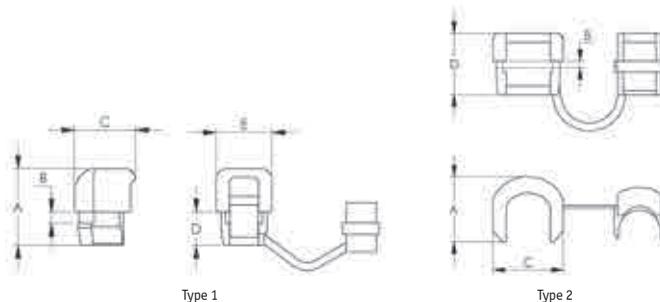
# GROMMETS, STRAIN RELIEF AND BLANKING PLUGS

## Strain Relief Bushes

SR 6280

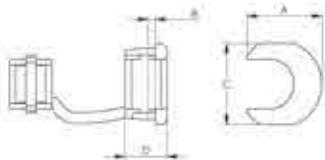
Black, Nylon 6/6 UL94-V2

- Prevents strain damage to cables and equipment
- Prevents accidental disconnections
- Anchors cable to equipment
- Seals cable entry point

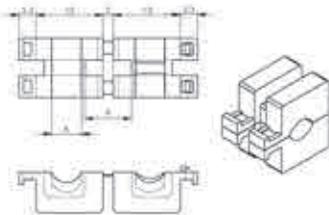


Type 1

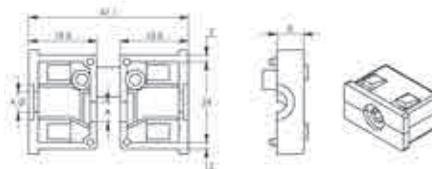
Type 2



Type 3



Type 4



Type 5

Part Number	Dimensions (mm)					Type	Style	Maximum Panel Thickness	Wire Style	Standard Pack Quantity
	A	B	C	D	E					
XSRBRA01-01	14.8	15.4	4.8	11.1	13.1	1	1	2.5	SV/6 Ø	1000
XSRB18-01	15.1	15.5	3.6	11.3	-	2	2	2.4	SJT/18.2 Ø	1000
XSRB12-01	11.4	11.2	4.8	6.4	-	3	2	1.3	S.P.S/12 Ø	1000
XSRB10-01	14.8	15.4	4.8	11.1	-	1	3	1	SJT/10.5 Ø	1000
XSRB15-01	15.1	15.5	3.6	11.3	-	2	3	2.4	SJT/13.5 Ø	1000

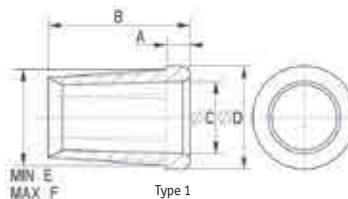
Part Number	Dimensions (mm)		Style	Standard Pack Quantity
	A	Panel Thickness		
XSRBS01-01	5.8	3	4	1000
XSRBS02-01	6	1.2	5	1000
XSRBS03-01	8.5	1.2	5	1000

## Quick Bushing

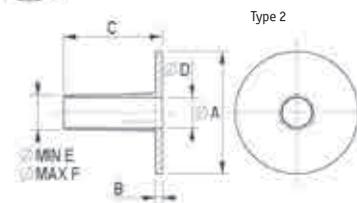
SR6442

Natural Nylon

- Full protection of wires in threaded spaces
- Statutory requirement for lighting equipment
- Protects and insulates



Type 1



Type 2



Type 1



Type 2

Part Number	Dimensions (mm)						Type	Standard Pack Quantity
	A	B	C	D	E	F		
017007000003	2	12	6	8.5	7	8	1	1000
017116000001	16	1.5	20	6	7	8	2	500
017125000001	25	1.5	20	6	7	8	2	500

## Mains Lead Clamp

SR 1852

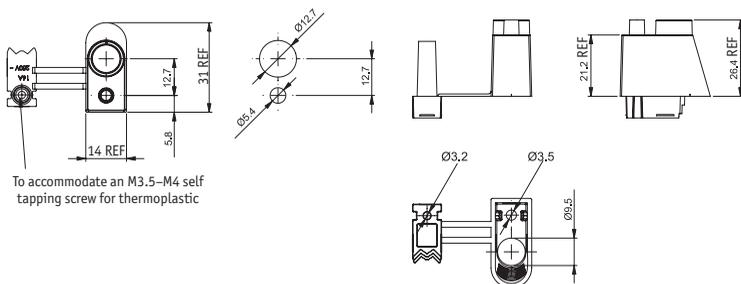
MLC

Black UL94-V2 Nylon 6/6, RMS-01

- Clamp mounts into the chassis to secure the main power cable in appliances
- Clamp provides strain relief to the cable and protects the cable from the metal cutout



Panel Mounting Details



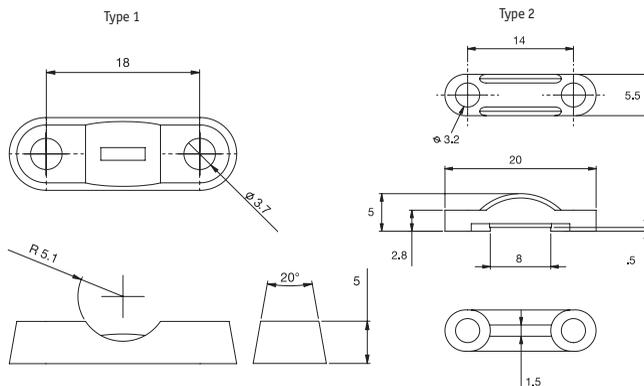
Part Number	Cable Ø Accepted (mm)	Panel Thickness (mm)	Standard Pack Quantity
MLC-1	6.8 - 8.5	0.5 - 2	500

## Strain Relief Clamp

SR 1853

SRCCC

- Clamp mounts into the chassis to secure the main power cable in appliances
- Clamp provides strain relief to the cable and protects the cable from the metal cutout



Part Number	Type	UL94-V2, Nylon 6/6	Colour	Max. Cable Ø (mm)	Mounting Screws	Standard Pack Quantity
SRCC-1	1	RMS-48	Grey	4.5	M3	1000
SRCC-2	2	RMS-01	Black	8	M3	1000

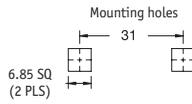
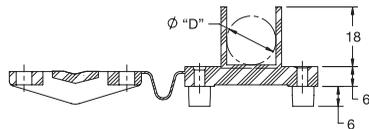
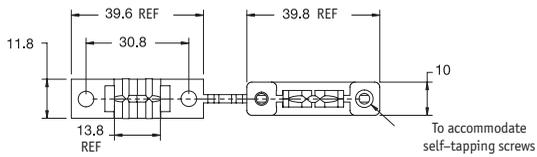
## Hinged Locking Clamp

SR 1854

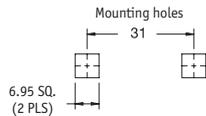
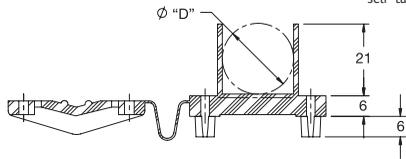
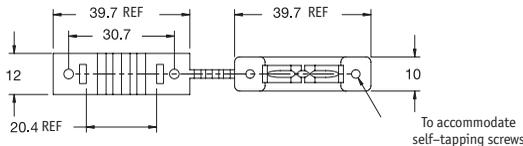
HMCC



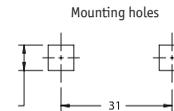
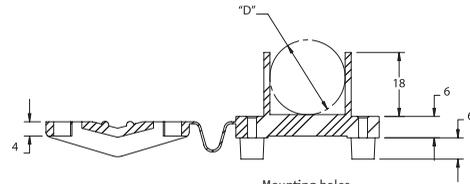
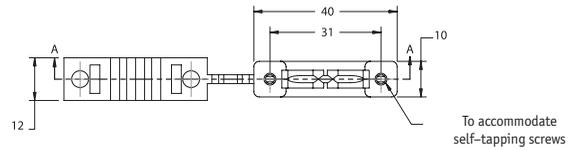
HMCC-1 Type 1



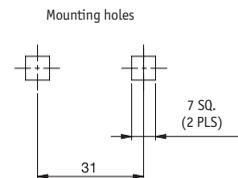
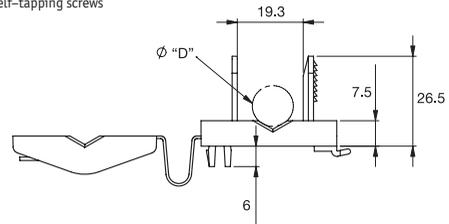
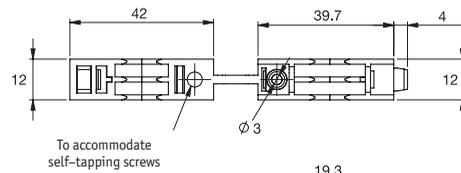
HMCC-3 Type 3



HMCC-2 Type 2



HMCC-4 Type 4



Part Number			Type	"D" Max. Bundle Ø (mm)	Self-Tapping Mounting Screws	Mounting Panel Thickness (mm)	Standard Pack Quantity
Natural UL94-V2 Nylon 6/6, RMS-01	Black UL94-V2 Nylon 6/6, RMS-01	Natural UL94-V0 Nylon 6/6, RMS-19					
HMCC-1-01	HMCC-1-01BK	HMCC-1-19	1	15.1	2x #8	0.6-1.5	500
HMCC-2-01	HMCC-2-01BK	HMCC-2-19	2	16.0	#8	0.6-1.5	1000
HMCC-3-01	HMCC-3-01BK	HMCC-3-19	3	20.9	2x M3.5, M4, #8	0.6-1.5	1000
HMCC-4-01	HMCC-4-01BK	HMCC-4-19	4	12.0	1x M3.5, M4, #8	0.8-1.2	1000

## High Performing Cable Gland – Metric Thread

SR 1855

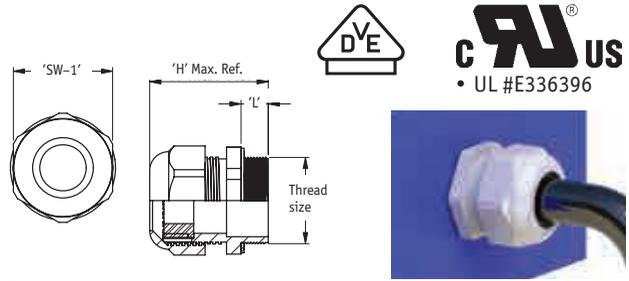
CG-M

Gland Body and Nut: UL94-V2 Nylon 6, RMS-36

Outer Sealing Gland: CR/NBR, RMS-37

Inner Sealing Gland: TPE, RMS-40 Sealing Washer: NBR, RMS-41^

- Protection Class: IP68 – 5 Bar
- Operating temperature: -20°C to 100°C
- Remove the inner sealing gland for larger cable diameters



### Locknuts

Part Number		Dimensions (mm)		Standard Pack Quantity
Grey	Black	SW-1	H	
CGLN-M12	CGLN-M12-BK	17.0	5.0	100
CGLN-M16	CGLN-M16-BK	22.0	5.0	100
CGLN-M20	CGLN-M20-BK	27.0	6.0	100
CGLN-M25	CGLN-M25-BK	32.0	6.0	100
CGLN-M32	CGLN-M32-BK	41.0	7.0	100
CGLN-M40	CGLN-M40-BK	50.0	7.0	50

### Cable Glands

Part Number		Thread Size	Cable Ø Range		Suggested Clearance Hole for Non-Threaded Mounting	"L"	"SW-1"	"H" Max. Ref.	Standard Pack Quantity
Grey	Black		Min. Ø	Max. Ø					
CG-M12-1*	CG-M12-1-BK*	M12	2	5	12.2	8	15	31.0	100
CG-M16-1	CG-M16-1-BK	M16	3	10	16.2	8	20	35.5	100
CG-M20-1	CG-M20-1-BK	M20	5	13	20.2	8	24	36.0	100
CG-M25-1	CG-M25-1-BK	M25	8	17	25.2	8	29	43.0	50
CG-M32-1^	CG-M32-1-BK^	M32	12	21	32.2	10	36	50.0	25
CG-M40-1^	CG-M40-1-BK^	M40	16	28	40.2	10	46	51.0	10

\*CG-M12-1 sold with outer sealing gland only. ^Sealing Washer included with threads M32 and M40.

## High Performing Cable Gland – PG Thread

SR 1860

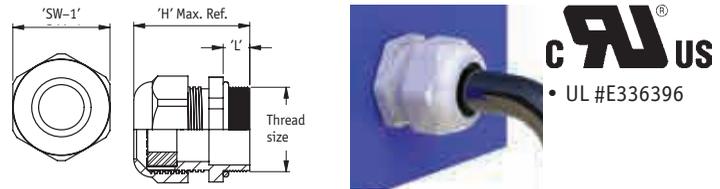
CG-PG

Body and Nut: UL94-V2 Nylon 6, RMS-36

Sealing Gland: CR/NBR, RMS-37

O-Ring: NBR, RMS-41\*

- Protection Class: IP68 – 5 Bar
- Operating temperature: -20°C to 100°C



### Locknuts

Part Number		Dimensions (mm)		Standard Pack Quantity
Grey	Black	SW-1	H	
CGLN-PG7	CGLN-PG7-BK	19.0	5.0	100
CGLN-PG9	CGLN-PG9-BK	22.0	5.0	100
CGLN-PG11	CGLN-PG11-BK	24.0	5.0	100
CGLN-PG13.5	CGLN-PG13.5-BK	27.0	6.0	100
CGLN-PG16	CGLN-PG16-BK	30.0	6.0	100
CGLN-PG21	CGLN-PG21-BK	36.0	7.0	100
CGLN-PG29	CGLN-PG29-BK	46.0	7.0	100
CGLN-PG36	CGLN-PG36-BK	60.0	8.0	50

### Cable Glands

Part Number		Thread Size	Cable Ø Range		Suggested Clearance Hole for Non-Threaded Mounting	"L"	"SW-1"	"H" Max. Ref.	Standard Pack Quantity
Grey	Black		Min. Ø	Max. Ø					
CG-PG7-1	CG-PG7-1-BK	PG7	2	5	12.7	8	15	30.5	100
CG-PG7-2	CG-PG7-2-BK	PG7	3	6.5	12.7	8	15	30.5	100
CG-PG9-1	CG-PG9-1-BK	PG9	2	6	15.4	8	19	34.0	100
CG-PG9-2	CG-PG9-2-BK	PG9	4	8	15.4	8	19	34.0	100
CG-PG11-1	CG-PG11-1-BK	PG11	3	7	18.8	8	22	37.0	100
CG-PG11-2	CG-PG11-2-BK	PG11	5	10	18.8	8	22	37.0	100
CG-PG13.5-1	CG-PG13.5-1-BK	PG13.5	6	12	20.7	9	24	39.0	100
CG-PG16-1	CG-PG16-1-BK	PG16	10	14	22.8	10	27	42.5	50
CG-PG21-1	CG-PG21-1-BK	PG21	9	16	28.6	11	33	47.5	50
CG-PG21-2	CG-PG21-2-BK	PG21	13	18	28.6	11	33	47.5	50
CG-PG29-1*	CG-PG29-1-BK*	PG29	12	20	37.4	11	42	53.0	25
CG-PG36-1*	CG-PG36-1-BK*	PG36	20	26	47.5	13	53	61.0	10
CG-PG36-2*	CG-PG36-2-BK*	PG36	22	32	47.5	13	53	61.0	10

\*O-Ring included with threads PG29 and PG36.

# CABLE GLANDS AND ACCESSORIES

## Nylon Cable Glands

### SR 1704

#### Nylon 6

- Protection rating IP68 (when wed with our accessories)
- Flammability rating: UL94-V2
- Locknut and sealing washers sold separately, available on page 333



### PG Range – Long Mounting Thread

Part Number		Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
Black	Grey				
467202	467222	PG 7	15.0	3.0-6.5	50
467203	467223	PG 7	15.0	2.0-5.0	50
467204	467224	PG 9	15.0	4.0-8.0	50
467205	467225	PG 9	15.0	2.0-6.0	50
467206	467226	PG 11	15.0	5.0-10.0	50
467207	467227	PG 11	15.0	3.0-7.0	50
467208	467228	PG 13.5	15.0	6.0-12.0	50
467209	467229	PG 13.5	15.0	5.0-9.0	50
467212	467232	PG 21	15.0	13.0-18.0	50
467213	467233	PG 21	15.0	9.0-16.0	50
467214	467234	PG 29	18.0	18.0-25.0	25
467215	467235	PG 29	18.0	13.0-20.0	25
467216	467236	PG 36	18.0	22.0-32.0	10
467217	-	PG 36	18.0	20.0-26.0	10
467218	467238	PG 42	18.0	32.0-38.0	10
467220	-	PG 48	18.0	37.0-44.0	10

### Metric Range – Long Mounting Thread

Part Number		Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
Black	Grey				
467302	467324	M12 x 1.5	15.0	3.0-6.5	50
467303	467325	M12 x 1.5	15.0	2.0-5.0	50
467304	467326	M16 x 1.5	15.0	4.0-8.0	50
467305	467327	M16 x 1.5	15.0	2.0-6.0	50
467308	467330	M20 x 1.5	15.0	6.0-12.0	50
467309	467331	M20 x 1.5	15.0	5.0-9.0	50
467314	467336	M25 x 1.5	15.0	13.0-18.0	50
467315	467337	M25 x 1.5	15.0	9.0-16.0	50
467316	467338	M32 x 1.5	15.0	18.0-25.0	25
467317	467339	M32 x 1.5	15.0	13.0-20.0	25
467318	467340	M40 x 1.5	18.0	22.0-32.0	10
467319	-	M40 x 1.5	18.0	20.0-26.0	10
467320	467342	M50 x 1.5	18.0	32.0-38.0	10
467322	467344	M63 x 1.5	18.0	37.0-44.0	10

### PG Range – Standard Mounting Thread

Part Number		Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
Black	Grey				
467152	467177	PG 7	8.0	3.0 - 6.5	50
467153	467178	PG 7	8.0	2.0 - 5.0	50
467154	467179	PG 9	8.0	4.0 - 8.0	50
467155	467180	PG 9	8.0	2.0 - 6.0	50
467156	467181	PG 11	8.0	5.0 - 10.0	50
467157	467182	PG 11	8.0	3.0 - 7.0	50
467158	467183	PG 13.5	9.0	6.0 - 12.0	50
467159	467184	PG 13.5	9.0	5.0 - 9.0	50
467160	467185	PG 16	10.0	10.0 - 14.0	50
467161	467186	PG 16	10.0	7.0 - 12.0	50
467164	467189	PG 21	10.0	13.0 - 18.0	50
467165	467190	PG 21	10.0	9.0 - 16.0	50
467168	467193	PG 29	12.0	18.0 - 25.0	25
467169	467194	PG 29	12.0	13.0 - 20.0	25
467170	467195	PG 36	14.0	22.0 - 32.0	10
467171	467196	PG 36	14.0	20.0 - 26.0	10
467172	467197	PG 42	14.0	32.0 - 38.0	10

### NPT Range

Part Number		Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
Black	Grey				
467347	-	3/8" NPT	15.0	2.0-6.0	50
467348	467356	1/2" NPT	13.0	6.0-12.0	50
467349	467357	1/2" NPT	13.0	5.0-9.0	50
467350	467358	3/4" NPT	15.0	13.0-18.0	25
467351	467359	3/4" NPT	15.0	9.0-16.0	25
467352	-	1" NPT	16.0	18.0-25.0	25

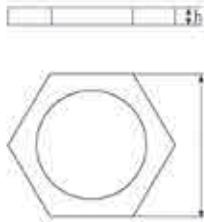
### Metric Range – Standard Mounting Thread

Part Number					Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
Black	Grey	White	Blue	Red				
467242	467272	-	-	-	M12 x 1.5	8.0	3.0 - 6.5	50
467243	467273	-	-	-	M12 x 1.5	8.0	2.0 - 5.0	50
467246	467276	-	-	-	M16 x 1.5	8.0	4.0 - 8.0	50
467247	467277	-	-	-	M16 x 1.5	8.0	2.0 - 6.0	50
467250	467280	467250-W	467250-B	467250-R	M20 x 1.5	9.0	6.0 - 12.0	50
467251	467281	467251-W	467251-B	467251-R	M20 x 1.5	9.0	5.0 - 9.0	50
467256	467286	467256-W	467256-B	467256-R	M25 x 1.5	10.0	13.0 - 18.0	50
467257	467287	467257-W	467257-B	467257-R	M25 x 1.5	10.0	9.0 - 16.0	50
467262	467292	-	-	-	M32 x 1.5	11.0	16.0 - 21.0	25
467263	467293	-	-	-	M32 x 1.5	11.0	13.0 - 18.0	25
467266	467296	-	-	-	M40 x 1.5	14.0	22.0 - 32.0	10
467267	467297	-	-	-	M40 x 1.5	14.0	20.0 - 26.0	10
467268	467298	-	-	-	M50 x 1.5	14.0	32.0 - 38.0	10
467269	467299	-	-	-	M50 x 1.5	14.0	25.0 - 31.0	10
467270	467300	-	-	-	M63 x 1.5	14.0	37.0 - 44.0	10
467271	467301	-	-	-	M63 x 1.5	14.0	29.0 - 35.0	10

## Locknuts and Sealing Washers for Cable Glands

SR 1741/1729

Nylon 6, Brass and Neoprene



Washer for Brass Gland



Washer for Nylon Gland



Brass Locknut



Nylon Locknut

### Nylon/Neoprene

Part Number		Locknut Thread Size	Dimensions (mm)		Washer Part Number	Standard Pack Quantity
Black	Grey		S	h		
467585	467741	PG 7	18.0-19.0	5.0	467643	50
467586	467742	PG 9	22.0	5.0	467644	50
467587	467743	PG 11	24.0	5.0	467645	50
467588	467744	PG 13.5	27.0	5.5	467646	50
467589	467745	PG 16	30.0	5.5	467647	50
467591	467746	PG 21	36.0	6.0	467649	50
467593	467747	PG 29	46.0	7.0	467651	25
467594	467748	PG 36	59.0-60.0	8.0	467652	10
467595	467749	PG 42	63.0-65.0	8.0	467653	10
467596	467750	PG 48	69.0-70.0	8.0	467654	10
467598	467752	M12 x 1.5	18.0	5.0	467656	50
467600	467753	M16 x 1.5	22.0	5.0	467658	50
467602	467754	M20 x 1.5	27.0	5.5	467660	50
467605	467755	M25 x 1.5	33.0	6.5	467663	50
467608	467756	M32 x 1.5	39.0-42.0	8.0	467667	25
467610	467757	M40 x 1.5	50.0-52.0	7.0	467669	10
467611	467758	M50 x 1.5	63.0-65.0	8.0	467670	10
467613	467759	M63 x 1.5	75.0	8.0	467671	10
467614	-	3/8" NPT	24.0	5.0	467672	50
467615	467761	1/2" NPT	27.0	7.0	467673	50
467616	467762	3/4" NPT	32.0	7.0	467674	25
467617	467763	1" NPT	40.7	7.0	467675	25

### Brass/Neoprene

Part Number		Locknut Thread Size	Dimensions (mm)		Corresponding Washer Part Number	Standard Pack Quantity
Black	Grey		S	h		
490711		PG 7	15.0	2.5	467677	25
490712		PG 9	18.0	3.0	467678	25
490713		PG 11	21.0	3.5	467679	25
490714		PG 13.5	22.0	3.5	467680	25
490715		PG 16	24.5	3.5	467681	25
490716		PG 21	32.5	3.5	467682	25
490717		PG 29	41.0	4.0	467683	10
490718		PG 36	51.0	5.0	467684	10
490719		PG 42	60.0	5.0	467685	10
490720		PG48	64.0	5.0	467686	10
490721		M12 x 1.5	14.0	2.5	467687	25
490722		M16 x 1.5	18.0	3.0	467688	25
490723		M20 x 1.5	23.5	3.0	467690	25
490724		M25 x 1.5	29.0	3.5	467692	25
490725		M32 x 1.5	36.0	4.0	467693	10
490726		M40 x 1.5	46.0	4.5	467694	10
490727		M50 x 1.5	55.0	5.0	467695	10
490728		M63 x 1.5	70.0	5.5	467696	10
490729		3/8" NPT	19.5	3.0	467698	25
490730		1/2" NPT	24.0	4.5	467700	25
490731		3/4" NPT	31.5	3.5	467697	10
490732		1" NPT	38.0	4.0	467699	10

## Spiral Cable Glands

SR 1714

Nylon 6

- Locknut and sealing washer available separately



### Metric Range

Part Number		Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
Black	Grey				
467386	467400	M12 x 1.5	8.0	3.0-6.5	50
467388	467402	M16 x 1.5	8.0	4.0-8.0	25
467392	467406	M20 x 1.5	9.0	6.0-12.0	25
467396	467410	M25 x 1.5	10.0	13.0-18.0	10

### NPT Range

Part Number	Colour	Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
467414	Black	3/8" NPT	15.0	4.0-8.0	50
467416	Black	1/2" NPT	13.0	6.0-12.0	50

### PG Range

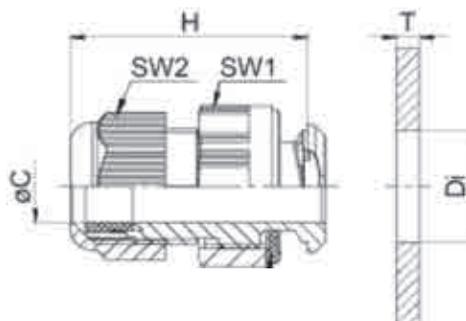
Part Number		Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
Black	Grey				
467362	467374	PG 7.0	8.0	3.0-6.5	50
467364	467376	PG 9.0	8.0	4.0-8.0	25
467366	467378	PG 11.0	8.0	5.0-10.0	25
467368	467380	PG 13.5	9.0	6.0-12.0	25
467370	467382	PG 16.0	10.0	10.0-14.0	10
467372	467384	PG 21.0	10.0	13.0-18.0	10

## Easy Fix Cable Gland

SR 1861

Polyamide PA6 V-2

- Quick and easy installation with no inner thread required
- Protection rating IP68 to 5 bar
- Temperature range: -20°C to 100°C



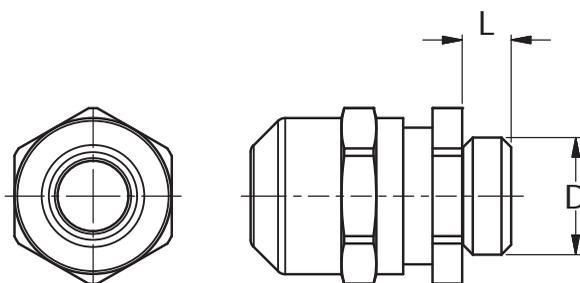
Part Number			Compatible Type	Compatible Hole Ø (mm)	Compatible wall thickness (mm)	Dimensions (mm)				Pack Quantity
Black (RAL 9005)	Light Grey (RAL 7001)	Dark Grey (RAL 7035)				H	C	SW1	SW2	
1334494	1334493	1334492	M16	16.1-16.3	1-4	38.5	5-10	24	20	100
1334497	1334496	1334495	M20	20.1-20.4	1-4	42.5	8-13	26	24	100
1334500	1334499	1334498	M25	25.1-25.4	1-4	48	11-17	32	29	50
1334503	1334502	1334501	M32	32.1-32.4	1-4	58.5	15-21	42	36	50

## Stainless Steel Cable Glands

SR6462

Stainless Steel A2

- Protection class to EN 60 529: IP 68 to 5 bar (30 min)
- Protection class to DIN 40 050-T9: IP 69K
- Temperature range: -40°C to 100°C, interm. Up to approx. 120°C
- Gasket: EPDM



### Metric Range

Part Number	Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
551786	M12 x 1.5	5	3.0-7.0	10
551787	M16 x 1.5	5	4.5-10.0	10
551788	M20 x 1.5	6	6.0-13.0	10
551789	M25 x 1.5	7	9.0-17.0	10
551790	M32 x 1.5	8	13.0-21.0	5
551791	M40 x 1.5	8	16.0-28.0	5
551792	M50 x 1.5	9	21.0-35.0	2
551793	M63 x 1.5	10	34.0-48.0	1

## Brass Cable Glands

SR 1717

### Nickel Plated Brass

- Protection Rating IP68
- Locknut and sealing washer available separately
- Operating temperature range: -20°C to 85°C
- CE approved



### Metric Range

Part Number	Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
490687	M12 x 1.5	6.5	3.0-6.5	25
490688	M12 x 1.5	6.5	2.0-5.0	25
490689	M16 x 1.5	8.0	4.0-8.0	25
490690	M16 x 1.5	8.0	2.0-6.0	25
490691	M20 x 1.5	6.5	6.0-12.0	25
490692	M20 x 1.5	6.5	5.0-9.0	25
490693	M25 x 1.5	8.0	13.0-18.0	25
490694	M25 x 1.5	8.0	9.0-16.0	25
490695	M32 x 1.5	10.0	18.0-25.0	10
490696	M32 x 1.5	10.0	13.0-20.0	10
490697	M40 x 1.5	10.0	22.0-32.0	10
490698	M40 x 1.5	10.0	20.0-26.0	10
490699	M50 x 1.5	13.0	32.0-38.0	10
490700	M50 x 1.5	13.0	25.0-31.0	10
490701	M63 x 1.5	10.5	37.0-44.0	10
490702	M63 x 1.5	10.5	29.0-35.0	10

### NPT Range

Part Number	Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
490703	3/8" NPT	15.0	4.0-8.0	25
490704	3/8" NPT	15.0	2.0-6.0	25
490705	1/2" NPT	13.0	6.0-12.0	25
490706	1/2" NPT	13.0	5.0-9.0	25
490707	3/4" NPT	13.0	13.0-18.0	10
490708	3/4" NPT	13.0	9.0-16.0	10
490709	1" NPT	13.0	18.0-25.0	10
490710	1" NPT	13.0	13.0-20.0	10

### PG Range

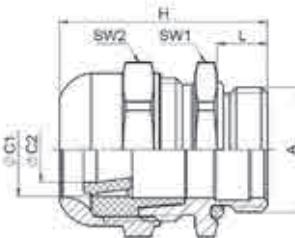
Part Number	Mounting Thread Size	Mounting Thread Length (mm)	Cable Range (mm)	Standard Pack Quantity
490667	PG 7	7.0	3.0-6.5	25
490668	PG 7	7.0	2.0-5.0	25
490669	PG 9	7.0	4.0-8.0	25
490670	PG 9	7.0	2.0-6.0	25
490671	PG 11	7.0	5.0-10.0	25
490673	PG 13.5	7.0	6.0-12.0	25
490674	PG 13.5	7.0	5.0-9.0	25
490675	PG 16	6.5	10.0-14.0	25
490676	PG 16	6.5	7.0-12.0	25
490677	PG 21	8.0	13.0-18.0	25
490678	PG 21	8.0	9.0-16.0	25
490679	PG 29	9.0	18.0-25.0	10
490680	PG 29	9.0	13.0-20.0	10
490681	PG 36	10.5	22.0-32.0	10
490682	PG 36	10.5	20.0-26.0	10
490683	PG 42	11.5	32.0-38.0	10
490684	PG 42	11.5	25.0-31.0	10

## High Performing Brass Cable Glands

SR 1862

### Nickel Plated Brass

- Sealing insert fulfills UL94HB
- Protection class to EN 62444: IP68 to 10 bar
- Temperature range -40°C to 100°C

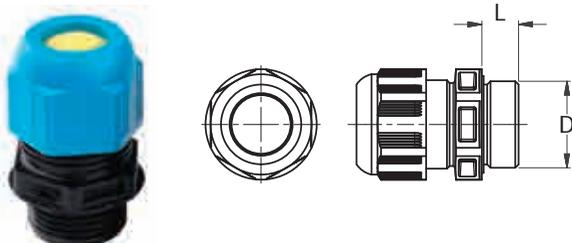


Part Number	Compatible Type	Dimensions (mm)							Pack Quantity
		A	C2	C1	L	SW1	SW2	H	
1334484	M12	3 - 8	3 - 5	5 - 8	6.5	16	16	25.5	100
1334485	M16	5 - 10.5	5 - 7.5	7.5 - 10.5	7	20	20	31.5	100
1334486	M20	8 - 15	8 - 10.5	10.5 - 15	8	25	25	33	50
1334487	M25	12.5 - 20.5	12.5 - 15.5	15.5 - 20.5	8	32	32	33.5	50
1334488	M32	17 - 25.5	17 - 20.5	20.5 - 25.5	9	36	36	40.5	25
1334489	M40	24 - 33	24 - 29	29 - 33	9	45	45	43	10
1334490	M50	31 - 42	31 - 37.5	37.5 - 42	10	55	55	47.5	5
1334491	M62	40 - 53	46 - 53	46 - 53	10	70	70	53	5

## ATEX Low Voltage Cable Glands

SR6464

Polyamide



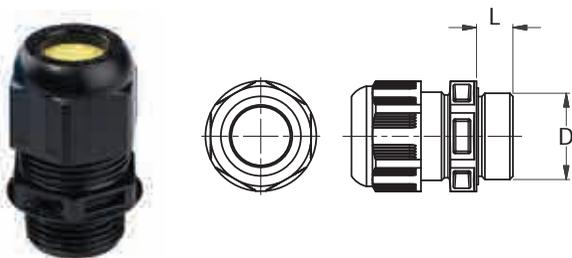
- For Intrinsic Safety
- Explosion protection: II 2 G Ex e II II 2 D Ex tD A21 IP68
- Certification: PTB 05 ATEX 1068 X
- Protection class to EN 60 529: IP68
- Protection class to DIN 40 050-T9: IP 69K
- Flame Protection: Glow wire test 750°C acc. To EN 60695-2-11
- Temperature range: -40°C to 75°C

Part Number	D (mm)	L (mm)	Cable Range (mm)	Standard Pack Quantity
551801	M16 x 1.5	9.0	4.0-9.0	50
551802	M20 x 1.5	10.0	6.0-13.0	50
551803	M25 x 1.5	10.0	7.0-17.0	50
551804	M32 x 1.5	12.0	13.0-21.0	25
551805	M40 x 1.5	12.0	17.0-28.0	10
551806	M50 x 1.5	14.0	23.0-25.0	4
551807	M63 x 1.5	15.0	34.0-48.0	1

## ATEX Cable Glands

SR6463

Black Polyamide



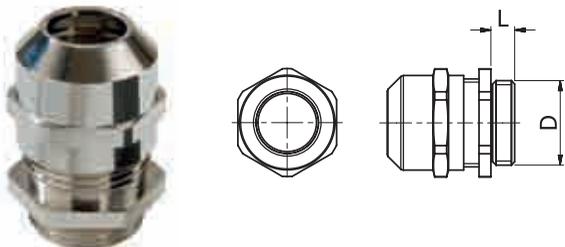
- For Increased Safety
- Explosion protection: II 2 G Ex e II II 2 D Ex tD A21 IP68
- Certification: PTB 05 ATEX 1068 X
- Protection class to EN 60 529: IP68 5bar (30min)
- Protection class to DIN 40 050-T9: IP 69K
- Flame Protection: Glow wire test 750°C acc. To EN 60695-2-11
- Temperature range: -40°C to 75°C

Part Number	D (mm)	L (mm)	Cable Range (mm)	Standard Pack Quantity
551794	M16 x 1.5	9.0	4.0-9.0	50
551795	M20 x 1.5	10.0	6.0-13.0	50
551796	M25 x 1.5	10.0	7.0-17.0	50
551797	M32 x 1.5	12.0	13.0-21.0	30
551798	M40 x 1.5	12.0	17.0-28.0	10
551799	M50 x 1.5	14.0	23.0-25.0	4
551800	M63 x 1.5	15.0	34.0-48.0	1

## ATEX Cable Glands

SR 1763

Nickel Plated Brass



- Explosion Protection: II 2 G EX e II II 2 D Ex tD A21 IP68
- Certification: PTB 04 ATEX 1112 X
- Protection class to EN 60 529: IP68 to 5 bar (30 min)
- Protection class to DIN 40 050-T9: IP69K
- Temperature Range: -40°C to 75°C

Part Number	D (mm)	L (mm)	Cable Range (mm)	Standard Pack Quantity
495133	M12 x 1.5	5.0	4.0 - 7.0	50
495134	M16 x 1.5	5.0	5.0 - 10.0	50
495135	M20 x 1.5	6.0	6.0 - 13.0	50
495136	M25 x 1.5	7.0	10.0 - 17.0	50
495137	M32 x 1.5	8.0	13.0 - 21.0	25
495138	M40 x 1.5	8.0	16.0 - 28.0	10
495139	M50 x 1.5	9.0	21.0 - 35.0	10
495140	M63 x 1.5	10.0	32.0 - 48.0	10

## Polyamide Reducers

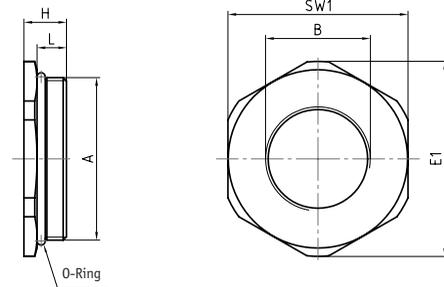
SR 1863

### Polyamide PA6

- Reduce threaded or clearance holes to smaller thread sizes
- Protection grade: dependent on combination with other components
- Temperature range: -40°C to 100°C



Part Number		Dimensions (mm)						Pack Quantity
Black (RAL 9005)	Dark Grey (RAL 7035)	A	B	L	SW1	H		
1335889	1335911	M16 x 1.5	M12 x 1.5	8	24	12	100	
1335890	1335912	M20 x 1.5	M12 x 1.5	8	24	12	100	
1335891	1335913	M20 x 1.5	M16 x 1.5	8	24	12	100	
1335892	1335914	M25 x 1.5	M12 x 1.5	8	29	14	100	
1335893	1335915	M25 x 1.5	M16 x 1.5	8	29	14	100	
1335894	1335916	M25 x 1.5	M20 x 1.5	8	29	14	100	
1335895	1335917	M32 x 1.5	M12 x 1.5	10	36	16	50	
1335896	1335918	M32 x 1.5	M16 x 1.5	10	36	16	50	
1335897	1335919	M32 x 1.5	M20 x 1.5	10	36	16	50	
1335898	1335920	M32 x 1.5	M25 x 1.5	10	36	16	50	
1335899	1335921	M40 x 1.5	M16 x 1.5	10	46	16	50	
1335900	1335922	M40 x 1.5	M20 x 1.5	10	46	16	50	
1335901	1335923	M40 x 1.5	M25 x 1.5	10	46	16	50	
1335902	1335924	M40 x 1.5	M32 x 1.5	10	46	16	50	
1335903	1335925	M50 x 1.5	M20 x 1.5	12	55	18	25	
1335904	1335926	M50 x 1.5	M25 x 1.5	12	55	18	25	
1335905	1335927	M50 x 1.5	M32 x 1.5	12	55	18	25	
1335906	1335928	M50 x 1.5	M40 x 1.5	12	55	18	25	
1335907	1335929	M63 x 1.5	M25 x 1.5	12	68	18	25	
1335908	1335930	M63 x 1.5	M32 x 1.5	12	68	18	25	
1335909	1335931	M63 x 1.5	M40 x 1.5	12	68	18	25	
1335910	1335932	M63 x 1.5	M50 x 1.5	12	68	18	25	



## Brass Reducers

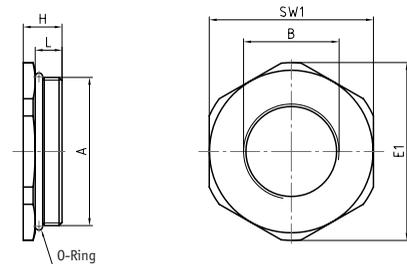
SR 1864

### Nickel-plated Brass

- Reduce threaded or clearance holes to smaller thread sizes
- Protection grade: Max IP68 dependent on combination with other components
- Temperature range: -40°C to 100°C



Part Number	Dimensions (mm)					Pack Quantity
	A	B	L	SW1	H	
1335872	M16 x 1.5	M12 x 1.5	8	24	12	100
1335873	M20 x 1.5	M12 x 1.5	8	24	12	100
1335874	M20 x 1.5	M16 x 1.5	8	24	12	100
1335875	M25 x 1.5	M16 x 1.5	8	29	14	100
1335876	M25 x 1.5	M20 x 1.5	8	29	14	100
1335877	M32 x 1.5	M16 x 1.5	10	36	16	50
1335878	M32 x 1.5	M20 x 1.5	10	36	16	50
1335879	M32 x 1.5	M25 x 1.5	10	36	16	50
1335880	M40 x 1.5	M20 x 1.5	10	46	16	25
1335881	M40 x 1.5	M25 x 1.5	10	46	16	25
1335882	M40 x 1.5	M32 x 1.5	10	46	16	25
1335883	M50 x 1.5	M25 x 1.5	12	55	18	10
1335884	M50 x 1.5	M32 x 1.5	12	55	18	10
1335885	M50 x 1.5	M40 x 1.5	12	55	18	10
1335886	M63 x 1.5	M32 x 1.5	12	68	18	10
1335887	M63 x 1.5	M40 x 1.5	12	68	18	10
1335888	M63 x 1.5	M50 x 1.5	12	68	18	10





# FAN ACCESSORIES

Fan accessories provide protection and mounting for small DC and AC fans suitable for industrial and computing applications. Fan Guards prevent debris falling into the fan blades and accidental obstruction. They are ideal for the cooling of electronic applications with a protection solution.



## FAN GUARDS

Pages 356



## METAL FRAME FILTER

Pages 359

Call 01 806 2266  
[www.essentracomponents.ie](http://www.essentracomponents.ie)

## Multi Slot Cable Glands

SR 6264

Polyamide, EPDM

- Multiple cable slots
- Moulded sealing washer
- Protection class to EN 60 529: IP 68 to 5 bar (30 min)
- Temperature Range -40°C to 100°C

### Item A

Cable Gland Body Polyamide

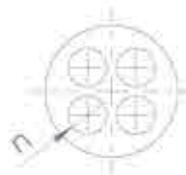
Part Number	Dimensions (mm)					Standard Pack Quantity
	D	Colour	L	TL	Cable Dia.	
550911	M12 x 1.5	Grey RAL7035	9	29-34	3-7	50
550917	M16 x 1.5	Grey RAL7035	9	31-37	4.5-10	50
550923	M20 x 1.5	Grey RAL7035	10	36-45	6-13	50
550930	M25 x 1.5	Grey RAL7035	10	38-47	9-17	50
550937	M32 x 1.5	Grey RAL7035	10	42-51	13-21	25
550943	M40 x 1.5	Grey RAL7035	12	52-65	16-28	10
550912	M12 x 1.5	Black RAL9005	9	29-34	3-7	50
550918	M16 x 1.5	Black RAL9005	9	31-37	4.5-10	50
550924	M20 x 1.5	Black RAL9005	10	36-45	6-13	50
550931	M25 x 1.5	Black RAL9005	10	38-47	9-17	50
550938	M32 x 1.5	Black RAL9005	10	42-51	13-21	25
550944	M40 x 1.5	Black RAL9005	12	52-65	16-28	5



### Item B

Slotted Sealing Insert

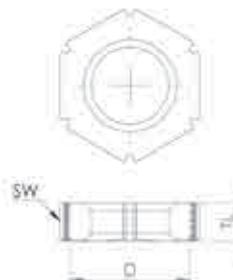
Part Number	Dimensions (mm)			Standard Pack Quantity
	D	No. of Conductors	Cable Diameter	
550915	M12 x 1.5	2	1-2	10
550916	M12 x 1.5	4	0.5-2	10
550921	M16 x 1.5	2	2-4	10
550922	M16 x 1.5	3	1-2.1	10
550927	M20 x 1.5	2	4-6	10
550928	M20 x 1.5	3	2.5-4	10
550934	M25 x 1.5	2	5-7	10
550935	M25 x 1.5	3	5-7	10
550936	M25 x 1.5	4	4-6	10
550941	M32 x 1.5	3	6-8	10
550942	M32 x 1.5	4	5-7	10
550947	M40 x 1.5	4	8-10	10



### Item C

Lock Nut Polyamide

Part Number	Dimensions (mm)			Standard Pack Quantity
	D	Colour	TL	
550913	M12 x 1.5	Grey RAL7035	5	50
550919	M16 x 1.5	Grey RAL7035	5	50
550925	M20 x 1.5	Grey RAL7035	5	50
550932	M25 x 1.5	Grey RAL7035	5	50
550939	M32 x 1.5	Grey RAL7035	6	25
550945	M40 x 1.5	Grey RAL7035	6	10
550914	M12 x 1.5	Black RAL9005	5	50
550920	M16 x 1.5	Black RAL9005	5	50
550926	M20 x 1.5	Black RAL9005	5	50
550933	M25 x 1.5	Black RAL9005	5	50
550940	M32 x 1.5	Black RAL9005	6	25
550946	M40 x 1.5	Black RAL9005	6	10



Not sold separately

Complete Assembly - Item A + Item B + Item C

# CABLE GLANDS AND ACCESSORIES

## EMC Cable Glands

SR 6266

Nickel Plated Brass



Basic Gland



Advanced Gland Body



Contact Cone



Flat Lock Nut - Type 1



Spiked Lock Nut - Type 2

- Metric Threads
- Specially constructed to terminate shielded cables to maintain screening
- Protection class to EN 60 529: IP 68 to 5 bar (30 min)
- Temperature Range -20°C to 100°C
- Reduces radiated EMI noise from equipment
- Available in basic and advanced versions
- Lock Nut sold separately

### Basic EMC Gland-Contact Fingers: Type 1

Part Number	Dimensions (mm)					Standard Pack Quantity
	Cable Range	D - Thread Type	L - Overall Length	TL - Thread Length	SW - Width Across Flats	
34002803E	3-6.5	M12 x 1.5	28	6	14	50
34002804E	4-8	M16 x 1.5	30	7	18	50
34002805E	6-12	M20 x 1.5	33	8	22	50
34002806E	10-14	M25 x 1.5	36	8	27	25
34002807E	13-18	M32 x 1.5	42	9	34	25
34002808E	18-25	M40 x 1.5	48	9	43	20
34002809E	3-6.5	M12 x 1.5	33.8	12	14	50
34002810E	4-8	M16 x 1.5	34.6	12	18	50
34002811E	6-12	M20 x 1.5	36.5	12	22	50
34002812E	10-14	M25 x 1.5	39.5	12	27	25
34002813E	13-18	M32 x 1.5	48	15	34	25
34002814E	18-25	M40 x 1.5	54	15	43	20

### Advanced EMC Gland- Contact Cone: Type 2

Part Number	Dimensions (mm)					Standard Pack Quantity
	Cable Range	D- Thread Type	L- Overall Length	TL- Thread Length	SW - Width Across Flats	
551239	3-7	M12 x 1.5	30	5	16	50
551240	4.5-10	M16 x 1.5	34	6	20	50
551241	6-13	M20 x 1.5	37	6	24	50
551242	9-17	M25 x 1.5	42	7	29	50
551243	13-21	M32 x 1.5	44	8	36	25
551244	16-28	M40 x 1.5	55	8	46	10

### Lock Nuts

Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	D- Thread Type	SW - Width Across Flats	TL- Thread Length		
551227	M12 x 1.5	15	2.8	1	50
551228	M16 x 1.5	19	2.8	1	50
551229	M20 x 1.5	24	3	1	50
551230	M25 x 1.5	30	3.5	1	50
551231	M32 x 1.5	36	4	1	25
551232	M40 x 1.5	46	5	1	10
551233	M12 x 1.5	15	4.7	2	50
551234	M16 x 1.5	19	4.7	2	50
551235	M20 x 1.5	24	4.7	2	50
551236	M25 x 1.5	30	5.2	2	50
551237	M32 x 1.5	36	5.7	2	25
551238	M40 x 1.5	46	6.5	2	10

## Vent Plugs

### SR6260

#### Polyamide PA 6-V2, Acrylic Co -Polymer, Nitrile Rubber

- Allows air pass through the vent but blocks moisture and dust
- Prevents pressure build up within enclosures
- Prevents seal failures or access problems due to pressure differentials
- Available in three different permeabilities



Fig 1



Fig 2



Fig 3



Fig 6



Fig 7



Fig 8

Part Number			Mounting Style	Dimensions (mm)						Figure	Standard Pack Quantity
Grey RAL 7001	Grey RAL 7035	Black RAL 9005		Hole Ø	Permeability at 70mBar Ltr/Hr	TL	TD	H	D		
34002733E	34002740E	34002747E	Short Thread	M12X1.5	25	6	12	7.5	17	1	100
34002734E	34002741E	34002748E	Long Thread	M12X1.5	25	10	12	7.5	17	1	100
34002735E	34002742E	34002749E	Snap In	Snap Fit	25	7.5	5.5	9.2	17	2	100
34002736E	34002743E	34002750E	Short Thread	M12X1.5	120	10	12	12.5	24	6	100
34002737E	34002744E	34002751E	Short Thread	M16X1.5	120	10	16	12.5	24	6	100
34002738E	34002745E	34002752E	Short Thread	M20X1.5	120	10	20	12.5	24	6	100
34002754E	34002761E	34002768E	Short Thread	M12X1.5	120	6	12	7.5	17	1	100
-	34002762E	34002769E	Long Thread	M12X1.5	120	10	12	7.5	17	1	100
34002756E	34002763E	34002770E	Snap In	Snap Fit	120	7.5	5.5	9.2	17	2	100
34002757E	34002764E	34002771E	Short Thread	M12X1.5	450	10	12	12.5	24	6	100
34002758E	34002765E	34002772E	Short Thread	M16X1.5	450	10	16	12.5	24	6	100
34002759E	34002766E	34002773E	Short Thread	M20X1.5	450	10	20	12.5	24	6	100
34002760E	34002767E	34002774E	Long Thread	M40X1.5	1350	18	40	19	60	7	100
34002775E	34002782E	34002789E	Short Thread	M12X1.5	300	6	12	7.5	17	1	100
34002776E	34002783E	34002790E	Long Thread	M12X1.5	300	10	12	7.5	17	1	100
34002777E	34002784E	34002791E	Snap In	Snap Fit	300	7.5	5.5	9.2	17	2	100
34002778E	34002785E	34002792E	Short Thread	M12X1.5	750	10	12	12.5	24	6	100
34002779E	34002786E	34002793E	Short Thread	M16X1.5	750	10	12	12.5	24	6	100
34002780E	34002787E	34002794E	Short Thread	M20X1.5	750	10	20	12.5	24	6	100

#### Stainless Steel, Acrylic Co -Polymer

Part Number	Mounting Style	Dimensions (mm)						Figure	Standard Pack Quantity
		Hole Ø	Permeability at 70mBar Ltr/Hr	TD	TL	H	D		
34002796E	Low Profile	M4 X 0.7	35	4	3.1	2.7	12.3	8	100
34002797E	Long Thread	M12 x 1.5	25	12	10	11	17	3	100
34002798E	Short Thread	M12 x 1.5	25	12	6	15.2	17	3	100
34002799E	Short Thread	M16 x 1.5	25	16	6	12.4	17	3	100
34002800E	Long Thread	M16 x 1.5	25	16	6	16.5	17	3	100
34002801E	Short Thread	M20 x 1.5	120	20	6	13.5	17	3	100
34002802E	Long Thread	M20 x 1.5	120	20	6	17	17	3	100

# CABLE GLANDS AND ACCESSORIES

## Polyamide Venting Element

SR 1866

Polyamide PA6 V-0

- Protection for electronic enclosures against condensation, water and pressure
- Protection grade: IP68 0.6 bar
- Temperature range -40°C to 100°C



Part Number		Dimensions (mm)				Standard Pack Quantity
Black	Grey	A	L	SW1	H	
-	1334475	M12 x 1.5	6	17	13.8	100
1334474	1334473	M12 x 1.5	10	17	17.8	100
1334477	1334476	M20 x 1.5	10	27	21.6	10
1334479	1334478	M40 x 1.5	18	50	35.6	5

## Stainless Steel Venting Element

SR 1868

Stainless Steel 303

- Protection for electronic enclosures against condensation, water and pressure
- Protection grade: IP68 0.6 bar
- Temperature range -40°C to 100°C



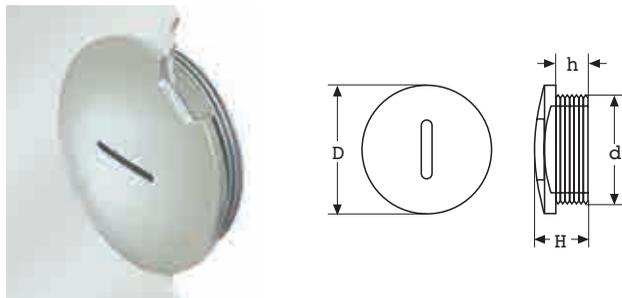
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	L	SW1	H	
1334480	M12 x 1.5	6	17	13	25
1334481	M20 x 1.5	6	26	13	10
1334482	M40 x 1.5	8	45	18	5

## Cable Gland Covers

SR 1782

Grey Nylon 6.6 and Brass

- To block entry holes for cable glands when not in use



Nylon PG Thread Range

Part Number		Dimensions (mm)				Standard Pack Quantity
Black	Grey	d	D	H	h	
467427	467437	PG 7	15.0	12.5	8.5	50
467428	467438	PG 9	19.0	13.0	8.5	50
467429	467439	PG 11	22.0	13.0	9.0	50
467430	467440	PG 13.5	25.0	13.0	9.0	50
467431	467441	PG 16	27.0	15.0	10.5	50
467432	467442	PG 21	33.0	13.5	8.5	50
467433	467443	PG 29	44.0	16.0	11.5	25
467434	467444	PG 36	55.0	18.0	13.5	25
467435	-	PG 42	62.0	18.5	13.5	25
467436	467446	PG 48	68.0	19.5	14.5	25

Nylon Metric Thread Range

Part Number		Dimensions (mm)				Standard Pack Quantity
Black	Grey	d	D	H	h	
467447	467458	M12 x 1.5	15.0	12.5	8.5	50
467448	467459	M16 x 1.5	19.0	13.0	8.5	50
467450	467461	M20 x 1.5	25.0	13.0	9.0	50
467452	467463	M25 x 1.5	30.0	15.5	10.5	50
467454	467465	M32 x 1.5	38.0	16.0	10.5	25
467455	467466	M40 x 1.5	46.0	16.0	11.5	25
467456	467467	M50 x 1.5	56.0	18.0	13.5	25
467457	467468	M63 x 1.5	68.0	19.0	14.0	25

Brass PG Thread Range

Part Number	Dimensions (mm)				Standard Pack Quantity
	d	D	H	h	
490649	PG 7	14.0	8.0	5.5	50
490650	PG 9	17.0	9.0	6.0	50
490651	PG 11	20.0	9.0	6.0	50
490655	PG 29	39.5	13.0	7.5	25
490657	PG 42	55.5	16.0	9.5	25
490658	PG 48	64.5	17.5	9.5	25

Brass Metric Thread Range

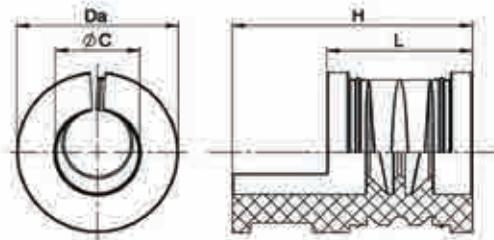
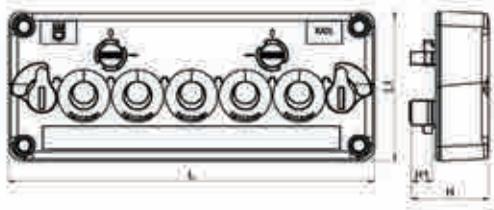
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	D	H	h	
490659	M12 x 1.5	14.0	7.0	5.0	50
490660	M16 x 1.5	18.0	8.0	6.0	50
490661	M20 x 1.5	22.0	8.0	6.5	50
490662	M25 x 1.5	27.0	10.0	7.0	50
490663	M32 x 1.5	34.0	11.0	8.0	25
490664	M40 x 1.5	44.0	13.0	5.0	25
490665	M50 x 1.5	54.0	19.5	10.5	25
490666	M63 x 1.5	67.0	15.0	10.5	25

## Cable Entry System

SR 1869

Polyamide PA6 V-0

- Tool-free entry and connecting technology for machines and equipment
- Order plate and accompanying grommet
- Protection grade: IP65
- Temperature range -30°C to 100°C



### Plate only

Part Number	Dimensions (mm)					Grommet Holes	Pack Quantity
	Hole size	L	L1	H	H1		
1334527	125 x 35	153	63	32.3	8.9	5	1
1334528	125 x 57.5	153	85.5	32.3	8.9	10	1
1334529	125 x 80	153	108	32.3	8.9	15	1
1334530	125 x 102.5	153	130.5	32.3	8.9	12	1
1334531	125 x 125	153	153	32.3	8.9	25	1

### Grommet – TPE TPV

Part Number	Dimensions (mm)				Pack Quantity
	C	L	H	Da	
1334532	3 - 5	20	33	22.2	10
1334533	5 - 7	20	33	22.2	10
1334534	7 - 9	20	33	22.2	10
1334535	9 - 11	20	33	22.2	10
1334536	11 - 13	20	33	22.2	10
1334537	13 - 15	20	33	22.2	10
1334538	15 - 16	20	33	22.2	10
1334539*	-	20	-	22.2	10

\*Closed (without slot and bore)

# CABLE ENTRY SYSTEMS

## Cable Entry Plate

SR 1870

Polyamide PA6 V-0



- Tool-free connecting technology for cabling of machines and equipment
- Variety of grommet variations for a wide range of cable requirements
- Protection class: IP66
- Temperature range -30°C to 100°C



Part Number	Number of entries on the cable entry plate suitable for cable diameter (mm)											Pack Quantity
	1.5 - 2.6	2.5 - 5.0	3.0 - 5.5	3.0 - 6.5	4.1 - 8.1	5.0 - 9.2	8.0 - 12.0	8.0 - 12.5	9.0 - 14.0	9.6 - 15.9	14.0 - 20.0	
1334517	-	-	-	4	-	4	-	-	-	-	3	1
1334518	-	-	-	-	-	-	12	-	-	-	-	1
1334519	-	-	2	-	6	-	-	-	4	-	1	1
1334520	-	-	-	6	-	4	-	-	-	4	-	1
1334521	-	-	-	-	-	17	-	-	-	-	-	1
1334522	-	-	-	11	1	-	-	5	-	-	-	1
1334523	-	-	-	16	-	4	-	2	-	-	-	1
1334524	-	-	-	-	23	-	-	-	-	-	-	1
1334525	-	-	-	29	-	-	-	-	-	-	-	1
1334526	-	-	-	-	-	-	-	-	-	-	-	1

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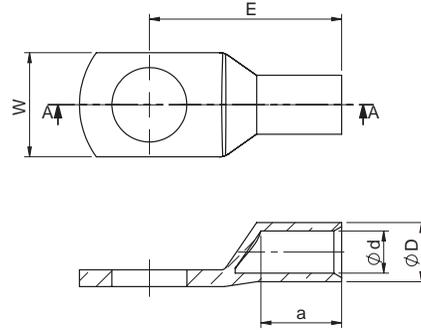
## Tubular Ring Terminals

SR E-0000

Copper – Tin Plated



- Made from tubular copper tin plated
- Uninsulated and ideal for crimping
- Tubular terminals with flat surface end, enables easy and precise contact
- Tin plated – reduces the risk of corrosion



Part Number	Dimensions (mm)					Cross Section (mm <sup>2</sup> )	Screw Hole Size	Standard Pack Quantity
	d	D	a	E	W			
1442968	1.3	2.8	5.8	12.0	6.0	0.75	M3	100
1442969	1.3	2.8	5.8	13.0	6.5	0.75	M4	100
1442970	1.3	2.8	5.8	14.0	7.5	0.75	M5	100
1442971	1.8	3.3	5.8	12.0	6.5	1.5	M3	100
1442972	1.8	3.3	5.8	13.0	6.5	1.5	M4	100
1442973	1.8	3.3	5.8	14.0	7.5	1.5	M5	100
1442974	1.8	3.3	5.8	16.0	9.0	1.5	M6	100
1442975	2.3	4.2	5.8	12.0	7.5	2.5	M3	100
1442976	2.3	4.2	5.8	13.0	7.5	2.5	M4	100
1442977	2.3	4.2	5.8	14.0	8.5	2.5	M5	100
1442978	2.3	4.2	5.8	16.0	9.5	2.5	M6	100
1442980	3.0	5.0	7.8	18.0	8.5	4.0	M4	100
1442981	3.0	5.0	7.8	18.0	9.0	4.0	M5	100
1442982	3.0	5.0	7.8	19.0	10.0	4.0	M6	100
1442983	3.0	5.0	7.8	22.0	13.0	4.0	M8	100
1442984	4.0	6.0	8.7	18.0	9.5	6.0	M4	100
1442985	4.0	6.0	8.7	19.0	9.5	6.0	M5	100
1442986	4.0	6.0	8.7	19.0	10.0	6.0	M6	100
1442987	4.0	6.0	8.7	22.0	14.0	6.0	M8	100
1442989	4.0	6.0	8.7	25.0	19.0	6.0	M12	100
1442990	4.5	7.0	10.0	21.0	12.0	10.0	M5	100
1442991	4.5	7.0	10.0	21.5	12.0	10.0	M6	100
1442992	4.5	7.0	10.0	23.5	15.0	10.0	M8	100
1442993	4.5	7.0	10.0	25.5	17.0	10.0	M10	100
1442995	5.5	8.5	13.0	25.0	12.0	16.0	M5	100
1442996	5.5	8.5	13.0	25.5	12.0	16.0	M6	100
1442997	5.5	8.5	13.0	27.5	15.0	16.0	M8	100
1442998	5.5	8.5	13.0	29.5	17.0	16.0	M10	100
1443000	7.0	10.0	15.0	28.0	14.0	25.0	M5	100
1443001	7.0	10.0	15.0	28.5	14.0	25.0	M6	100
1443002	7.0	10.0	15.0	30.5	16.0	25.0	M8	100
1443003	7.0	10.0	15.0	32.5	18.0	25.0	M10	100
1443004	7.0	10.0	15.0	33.5	19.0	25.0	M12	100
1443006	8.5	12.0	17.0	31.5	18.0	35.0	M5	100
1443007	8.5	12.0	17.0	31.5	18.0	35.0	M6	100
1443008	8.5	12.0	17.0	33.5	18.0	35.0	M8	100
1443009	8.5	12.0	17.0	35.5	18.0	35.0	M10	100
1443010	8.5	12.0	17.0	36.5	20.0	35.0	M12	100

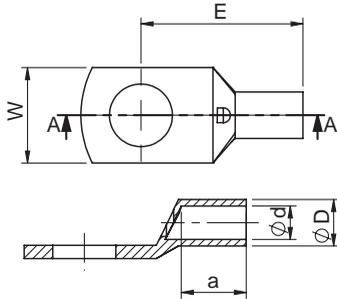
## Tubular Terminals with Inspection Hole

SR E-0001

Copper – Tin Plated



- Made from tubular copper tin plated
- Inspection hole to check perfect connection
- Uninsulated
- Tin plated – reduces the risk of corrosion
- Made of copper, which is soft enough to crimp



Part Number	Dimensions (mm)					Cross Section (mm <sup>2</sup> )	Screw Hole Size	Standard Pack Quantity
	d	D	a	E	W			
1443013	4.7	6.9	11.5	22.0	12.0	10	M5	100
1443014	4.7	6.9	11.5	22.0	12.0	10	M6	100
1443015	4.7	6.9	11.5	23.7	13.5	10	M8	100
1443016	4.7	6.9	11.5	27.0	15.0	10	M10	100
1443018	5.6	7.8	11.3	22.0	12.0	16	M5	100
1443019	5.6	7.8	11.3	22.5	12.0	16	M6	100
1443020	5.6	7.8	11.3	23.7	13.5	16	M8	100
1443021	5.6	7.8	11.3	27.0	16.0	16	M10	100
1443023	7.1	9.5	13.5	25.0	13.5	25	M6	100
1443024	7.1	9.5	13.5	26.7	13.5	25	M8	100
1443025	7.1	9.5	13.5	30.0	16.0	25	M10	100
1443026	7.1	9.5	13.5	30.0	18.0	25	M12	100
1443027	8.2	11.0	16.0	29.7	15.7	35	M6	100
1443028	8.2	11.0	16.0	30.7	15.7	35	M8	100
1443029	8.2	11.0	16.0	33.0	16.0	35	M10	100
1443030	8.2	11.0	16.0	33.0	18.0	35	M12	100

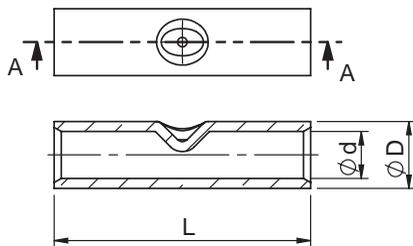
## Butt Connectors

SR E-0002

Copper – Tin Plated



- Made from tubular copper tin plated
- Uninsulated



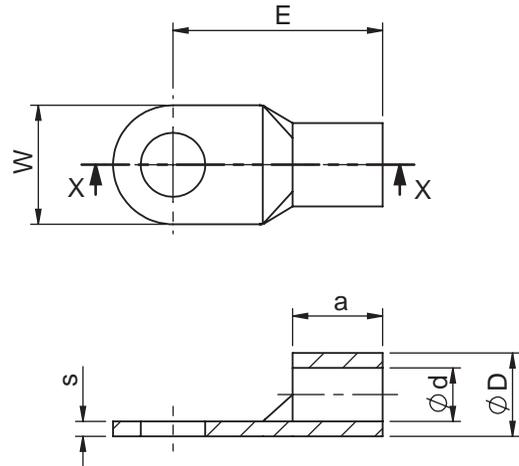
Part Number	Dimensions (mm)			Cross Section (mm <sup>2</sup> )	Standard Pack Quantity
	L	d	D		
1443212	30.0	4.5	7.0	10	100
1443213	30.0	5.5	8.5	16	100
1443214	38.0	7.0	10.0	25	100
1443215	42.0	8.5	12.0	35	100

## Ring Terminals

SR E-0003

Copper – Tin Plated

- Uninsulated and ideal for crimping
- Tin plated – reduces the risk of corrosion
- Made of copper, which is soft enough to crimp



Part Number	Dimensions (mm)							Cross Section (mm <sup>2</sup> )	Screw Hole Size	Standard Pack Quantity
	d	D	s	a	E	W				
1443122*+	1.6	3.2	0.8	5.0	11.0	6.0	0.75-1	M3	100	
1443124*+	1.6	3.2	0.8	5.0	12.0	8.0	0.75-1	M4	100	
1443125*+	1.6	3.2	0.8	5.0	13.0	10.0	0.75-1	M5	100	
1443126+	1.6	3.2	0.8	5.0	13.0	10.0	0.75-1	M6	100	
1443127+	1.6	3.2	0.8	5.0	17.0	14.0	0.75-1	M8	100	
1443128+	1.6	3.2	0.8	5.0	17.0	14.0	0.75-1	M10	100	
1443129*	2.3	3.9	0.8	5.0	11.0	6.0	1.5-2.5	M3	100	
1443131*	2.3	3.9	0.8	5.0	12.0	8.0	1.5-2.5	M4	100	
1443132*	2.3	3.9	0.8	5.0	14.0	10.0	1.5-2.5	M5	100	
1443133*	2.3	3.9	0.8	5.0	16.0	11.0	1.5-2.5	M6	100	
1443134*	2.3	3.9	0.8	5.0	17.0	14.0	1.5-2.5	M8	100	
1443135	2.3	3.9	0.8	5.0	18.0	18.0	1.5-2.5	M10	100	
1443136	2.3	3.9	0.8	5.0	18.0	18.0	1.5-2.5	M12	100	
1443139*	3.6	5.6	1.0	6.0	14.0	8.0	4-6	M4	100	
1443140*	3.6	5.6	1.0	6.0	15.0	10.0	4-6	M5	100	
1443141*	3.6	5.6	1.0	6.0	16.0	11.0	4-6	M6	100	
1443142*	3.6	5.6	1.0	6.0	19.0	14.0	4-6	M8	100	
1443143*	3.6	5.6	1.0	6.0	21.0	18.0	4-6	M10	100	

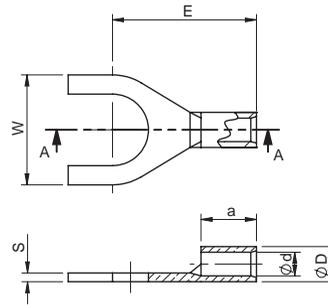
\*Conforms to DIN 46234 + Conforms to UL E475284

## Spade Terminals

SR E-0004

Copper – Tin Plated

- UL E475284
- Uninsulated and ideal for crimping
- Tin plated – reduces the risk of corrosion
- Made of copper, which is soft enough to crimp



Part Number	Dimensions (mm)						Cross Section (mm <sup>2</sup> )	Screw Hole Size	Standard Pack Quantity
	d	D	S	a	E	W			
1443168	1.6	3.2	0.8	5.0	11.0	6.0	0.75-1	M3	100
1443169	1.6	3.2	0.8	5.0	11.0	6.0	0.75-1	M3.5	100
1443170	1.6	3.2	0.8	5.0	12.0	8.0	0.75-1	M4	100
1443172	1.6	3.2	0.8	5.0	13.0	10.0	0.75-1	M5	100
1443173	1.6	3.2	0.8	5.0	13.0	10.0	0.75-1	M6	100
1443176	2.3	3.9	0.8	5.0	11.0	6.0	1.5-2.5	M3	100
1443178	2.3	3.9	0.8	5.0	12.0	8.0	1.5-2.5	M4	100
1443180	2.3	3.9	0.8	5.0	14.0	10.0	1.5-2.5	M5	100
1443181	2.3	3.9	0.8	5.0	16.0	11.0	1.5-2.5	M6	100
1443186	3.6	5.6	1.0	6.0	14.0	8.0	4-6	M4	100
1443187	3.6	5.6	1.0	6.0	15.0	10.0	4-6	M5	100
1443188	3.6	5.6	1.0	6.0	16.0	11.0	4-6	M6	100
1443189	3.6	5.6	1.0	6.0	19.0	14.0	4-6	M8	100

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## Uninsulated Cord End Terminals

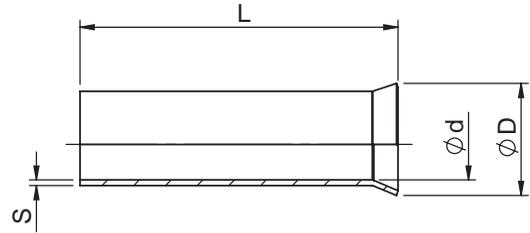
SR E-0005

Copper – Tin Plated

- Uninsulated for quick-fit crimping



- Protects exposed wires from damage
- Designed to terminate cable ends prior to fitting to terminal blocks or connectors
- Tin plated – reduces the risk of corrosion
- Made of copper, which is soft enough to crimp



Part Number	Dimensions (mm)				Cross Section (mm <sup>2</sup> )	Standard Pack Quantity
	L	d	D	S		
1443068	5.0	0.75	1.7	0.15	0.25	1000
1443069	7.0	0.75	1.7	0.15	0.25	1000
1443070	5.0	0.85	1.8	0.15	0.34	1000
1443071	7.0	0.85	1.8	0.15	0.34	1000
1443072	6.0	1.0	2.1	0.15	0.50	1000
1443073	8.0	1.0	2.1	0.15	0.50	1000
1443074	10.0	1.0	2.1	0.15	0.50	1000
1443075	12.0	1.0	2.1	0.15	0.50	1000
1443076	6.0	1.2	2.3	0.15	0.75	1000
1443077	8.0	1.2	2.3	0.15	0.75	1000
1443078	10.0	1.2	2.3	0.15	0.75	1000
1443079	12.0	1.2	2.3	0.15	0.75	1000
1443080	6.0	1.4	2.5	0.15	1.0	1000
1443081	8.0	1.4	2.5	0.15	1.0	1000
1443082	10.0	1.4	2.5	0.15	1.0	1000
1443083	12.0	1.4	2.5	0.15	1.0	1000
1443084	7.0	1.7	2.8	0.15	1.5	1000
1443085	10.0	1.7	2.8	0.15	1.5	1000
1443086	12.0	1.7	2.8	0.15	1.5	1000
1443087	15.0	1.7	2.8	0.15	1.5	1000
1443088	18.0	1.7	2.8	0.15	1.5	1000
1443089	7.0	2.2	3.4	0.15	2.5	1000
1443090	10.0	2.2	3.4	0.15	2.5	1000
1443091	12.0	2.2	3.4	0.15	2.5	1000
1443092	15.0	2.2	3.4	0.15	2.5	1000
1443093	18.0	2.2	3.4	0.15	2.5	1000
1443094	9.0	2.8	4.0	0.15	4.0	1000
1443095	12.0	2.8	4.0	0.15	4.0	1000
1443096	15.0	2.8	4.0	0.15	4.0	1000
1443097	18.0	2.8	4.0	0.15	4.0	1000
1443098	10.0	3.5	4.7	0.2	6.0	1000
1443099	12.0	3.5	4.7	0.2	6.0	1000

CONTINUED ON NEXT PAGE

## Uninsulated Cord End Terminals

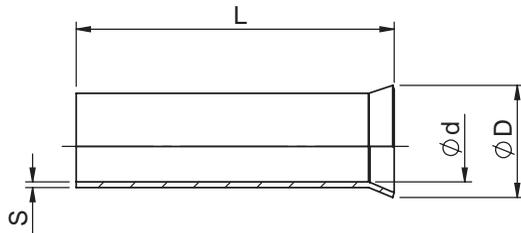
CONTINUED

SR E-0005

Copper – Tin Plated



- Uninsulated for quick-fit crimping
- Protects exposed wires from damage
- Designed to terminate cable ends prior to fitting to terminal blocks or connectors
- Tin plated – reduces the risk of corrosion
- Made of copper, which is soft enough to crimp



Part Number	Dimensions (mm)				Cross Section (mm <sup>2</sup> )	Standard Pack Quantity
	L	d	D	S		
1443100	15.0	3.5	4.7	0.2	6.0	1000
1443101	18.0	3.5	4.7	0.2	6.0	1000
1443102	20.0	3.5	4.7	0.2	6.0	1000
1443103	12.0	4.5	5.8	0.2	10.0	500
1443104	15.0	4.5	5.8	0.2	10.0	500
1443105	18.0	4.5	5.8	0.2	10.0	500
1443106	20.0	4.5	5.8	0.2	10.0	500
1443107	12.0	5.8	7.5	0.2	16.0	500
1443108	15.0	5.8	7.5	0.2	16.0	500
1443109	18.0	5.8	7.5	0.2	16.0	500
1443110	20.0	5.8	7.5	0.2	16.0	500
1443111	12.0	7.3	9.5	0.2	25.0	100
1443112	15.0	7.3	9.5	0.2	25.0	100
1443113	18.0	7.3	9.5	0.2	25.0	100
1443114	20.0	7.3	9.5	0.2	25.0	100
1443115	22.0	7.3	9.5	0.2	25.0	100
1443116	25.0	7.3	9.5	0.2	25.0	100
1443117	12.0	8.3	11.0	0.2	35.0	100
1443118	18.0	8.3	11.0	0.2	35.0	100
1443119	20.0	8.3	11.0	0.2	35.0	100
1443120	22.0	8.3	11.0	0.2	35.0	100
1443121	25.0	8.3	11.0	0.2	35.0	100

# CABLE TERMINALS

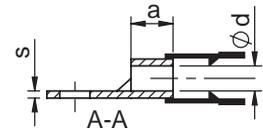
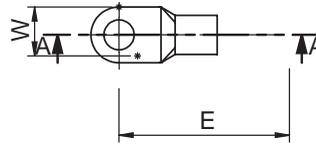
## Insulated Ring Terminals – DIN

SR E-0006

Copper – Tin Plated – Polyamide Sleeve



- DIN 46237 - Refers only to the tubular part of the terminal
- Polyamide sleeve
- Easy entry



Part Number	Dimensions (mm)					Colour	Cross Section (mm <sup>2</sup> )	Screw Hole Size	Standard Pack Quantity
	d	s	a	E	W				
1443145	1.6	0.8	5.0	16.0	6.0	Red	0.75-1	M 3	100
1443147	1.6	0.8	5.0	17.0	8.0	Red	0.75-1	M 4	100
1443148	1.6	0.8	5.0	18.0	10.0	Red	0.75-1	M 5	100
1443149	1.6	0.8	5.0	18.0	10.0	Red	0.75-1	M 6	100
1443150	1.6	0.8	5.0	22.0	14.0	Red	0.75-1	M 8	100
1443151	1.6	0.8	5.0	22.0	14.0	Red	0.75-1	M 10	100
1443152	2.3	0.8	5.0	17.0	6.0	Blue	1.5-2.5	M 3	100
1443154	2.3	0.8	5.0	18.0	8.0	Blue	1.5-2.5	M 4	100
1443155	2.3	0.8	5.0	20.0	10.0	Blue	1.5-2.5	M 5	100
1443156	2.3	0.8	5.0	22.0	11.0	Blue	1.5-2.5	M 6	100
1443157	2.3	0.8	5.0	23.0	14.0	Blue	1.5-2.5	M 8	100
1443158	2.3	0.8	5.0	24.0	18.0	Blue	1.5-2.5	M 10	100
1443162	3.6	1.0	6.0	20.0	8.0	Yellow	4-6	M 4	100
1443163	3.6	1.0	6.0	21.0	10.0	Yellow	4-6	M 5	100
1443164	3.6	1.0	6.0	22.0	11.0	Yellow	4-6	M 6	100
1443165	3.6	1.0	6.0	25.0	14.0	Yellow	4-6	M 8	100
1443166	3.6	1.0	6.0	27.0	18.0	Yellow	4-6	M 10	100

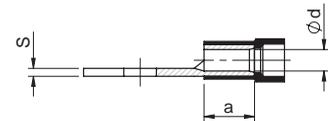
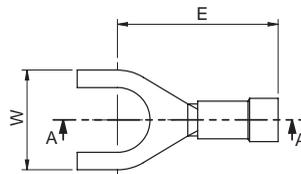
## Insulated Spade Terminals – DIN

SR E-0007

Copper – Tin Plated – Polyamide Sleeve



- DIN 46237 - Refers only to the tubular part of the terminal
- Polyamide sleeve
- Easy entry



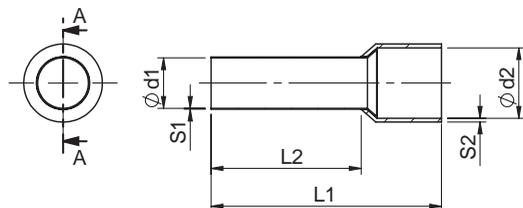
Part Number	Dimensions (mm)					Colour	Cross Section (mm <sup>2</sup> )	Screw Hole Size	Standard Pack Quantity
	d	s	a	E	W				
1443191	1.6	0.8	5.0	16.0	6.0	Red	0.75-1	M 3	100
1443193	1.6	0.8	5.0	17.0	8.0	Red	0.75-1	M 4	100
1443194	1.6	0.8	5.0	18.0	10.0	Red	0.75-1	M 5	100
1443195	1.6	0.8	5.0	18.0	10.0	Red	0.75-1	M 6	100
1443196	1.6	0.8	5.0	19.2	14.0	Red	0.75-1	M 8	100
1443198	2.3	0.8	5.0	17.0	6.0	Blue	1.5-2.5	M 3	100
1443200	2.3	0.8	5.0	18.0	8.0	Blue	1.5-2.5	M 4	100
1443201	2.3	0.8	5.0	20.0	10.0	Blue	1.5-2.5	M 5	100
1443202	2.3	0.8	5.0	22.0	11.0	Blue	1.5-2.5	M 6	100
1443203	2.3	0.8	5.0	20.2	14.0	Blue	1.5-2.5	M 8	100
1443207	3.6	1.0	6.0	20.0	8.0	Yellow	4-6	M 4	100
1443208	3.6	1.0	6.0	21.0	10.0	Yellow	4-6	M 5	100
1443209	3.6	1.0	6.0	22.0	11.0	Yellow	4-6	M 6	100
1443210	3.6	1.0	6.0	25.0	14.0	Yellow	4-6	M 8	100

## Insulated Cord End Terminals

SR E-0008

Copper – Tin Plated – Polyamide Sleeve

- Improves connection and circuit continuity
- Used to strengthen fine wires when terminating cables into connectors or terminals
- Provides neat and clean finish for connections
- DIN 46228/4 standard
- German and French standard ranges available upon request



Part Number	Dimensions (mm)						Colour	Cross Section (mm <sup>2</sup> )	Standard Pack Quantity
	L1	L2	d1	d2	s1	s2			
1443032	10.0	6.0	0.75	1.8	0.15	0.25	Yellow	0.25	500
1443033	12.0	8.0	0.75	1.8	0.15	0.25	Yellow	0.25	500
1443034	10.0	6.0	0.80	2.0	0.15	0.25	Blue	0.34	500
1443035	12.0	8.0	0.80	2.0	0.15	0.25	Blue	0.34	500
1443036	12.0	6.0	1.0	2.6	0.15	0.25	White	0.5	500
1443037	14.0	8.0	1.0	2.6	0.15	0.25	White	0.5	500
1443038	16.0	10.0	1.0	2.6	0.15	0.25	White	0.5	500
1443039	12.0	6.0	1.2	2.8	0.15	0.25	Grey	0.75	500
1443040	14.0	8.0	1.2	2.8	0.15	0.25	Grey	0.75	500
1443041	16.0	10.0	1.2	2.8	0.15	0.25	White	0.75	500
1443042	18.0	12.0	1.2	2.8	0.15	0.25	Grey	0.75	500
1443043	12.0	6.0	1.4	3.0	0.15	0.25	Red	1.0	500
1443044	14.0	8.0	1.4	3.0	0.15	0.25	Red	1.0	500
1443045	16.0	10.0	1.4	3.0	0.15	0.25	Red	1.0	500
1443046	18.0	12.0	1.4	3.0	0.15	0.25	Red	1.0	500
1443047	14.0	8.0	1.7	3.5	0.15	0.25	Black	1.5	500
1443048	16.0	10.0	1.7	3.5	0.15	0.25	Black	1.5	500
1443049	18.0	12.0	1.7	3.5	0.15	0.25	Black	1.5	500
1443050	14.0	8.0	2.2	4.2	0.15	0.25	Blue	2.5	500
1443051	16.0	10.0	2.2	4.2	0.15	0.25	Blue	2.5	500
1443052	18.0	12.0	2.2	4.2	0.15	0.25	Blue	2.5	500
1443053	24.0	18.0	2.2	4.2	0.15	0.25	Blue	2.5	500
1443054	17.0	10.0	2.8	4.8	0.20	0.30	Grey	4.0	500
1443055	20.0	12.0	2.8	4.8	0.20	0.30	Grey	4.0	500
1443056	26.0	18.0	2.8	4.8	0.20	0.30	Grey	4.0	500
1443057	20.0	12.0	3.5	6.3	0.20	0.30	Yellow	6.0	100
1443058	26.0	18.0	3.5	6.3	0.20	0.30	Yellow	6.0	100
1443059	22.0	12.0	4.5	7.6	0.20	0.40	Red	10.0	100
1443060	25.0	15.0	4.5	7.6	0.20	0.40	Red	10.0	100
1443061	28.0	18.0	4.5	7.6	0.20	0.40	Red	10.0	100
1443062	24.0	12.0	5.8	8.8	0.20	0.40	Blue	16.0	100
1443063	30.0	18.0	5.8	8.8	0.20	0.40	Blue	16.0	100
1443064	30.0	16.0	7.3	11.2	0.20	0.40	Yellow	25.0	50
1443065	36.0	22.0	7.3	11.2	0.20	0.40	Yellow	25.0	50
1443066	30.0	16.0	8.3	12.7	0.20	0.40	Red	35.0	50
1443067	39.0	25.0	8.3	12.7	0.20	0.40	Red	35.0	50

## Fan Filter Sets

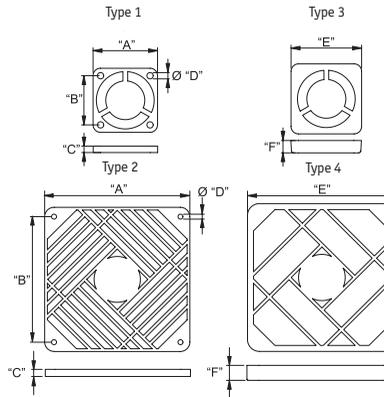
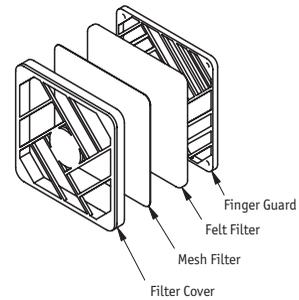
RCP/RFG/RFC/RFF/RMF

**Filter Cover & Guard:** Black Nylon 6/6 25% Glass Filled UL94 V0, RMS-27

**Felt Filter:** White Polyester, RMS-28

**Mesh Filter:** Stainless Steel AISI 304, RMS-29

- Filter set (RCP) provides IP30 protection
- Filter Set includes finger guard, filter cover, mesh filter and felt filter



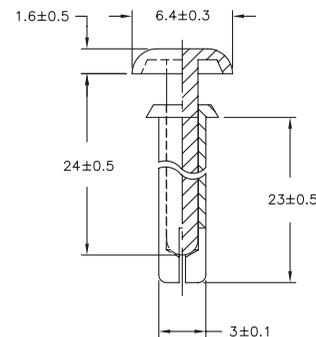
Filter Set Part Number*	Finger Guard						Filter Cover			
	Finger Guard Part Number	"A"	"B"	"C"	"D" Hole Ø Min.	Type	Filter Cover Part Number	"E"	"F"	Type
RCP-040-T	RFG-040-T	43	32.2	4.3	4.1	1	RFC-040-T	46.5	8.4	3
RCP-060-T	RFG-060-T	60.5	50.1	6	4.1	2	RFC-060-T	64.9	12.5	4
RCP-080-T	RFG-080-T	80.6	71.8	6	4.1	2	RFC-080-T	84.8	12.5	4
RCP-092-T	RFG-092-T	92.3	82.4	6	4.1	2	RFC-092-T	96.9	12.5	4
RCP-120-T	RFG-120-T	120.6	105.5	6.2	4.1	2	RFC-120-T	126.3	12.5	4

	40 x 40	60 x 60	80 x 80	92 x 92	120 x 120
Finger Guard Only	RFG-040-T (160/Bag)	RFG-060-T (60/Bag)	RFG-080-T (30/Bag)	RFG-092-T (20/Bag)	RFG-120-T (30/Bag)
*Filter Set	RCP-040-T (50/Box)	RCP-060-T (20/Box)	RCP-080-T (10/Box)	RCP-092-T (10/Box)	RCP-120-T (10/Box)
Felt Filter Only	RFF-040-T (300/Bag)	RFF-060-T (100/Bag)	RFF-080-T (100/Bag)	RFF-092-T (100/Bag)	RFF-120-T (50/Bag)
Mesh Filter Only	RMF-040-T (300/Bag)	RMF-060-T (500/Bag)	RMF-080-T (400/Bag)	RMF-092-T (400/Bag)	RMF-120-T (250/Bag)

## Snap Rivet (Long)

SR-3230B

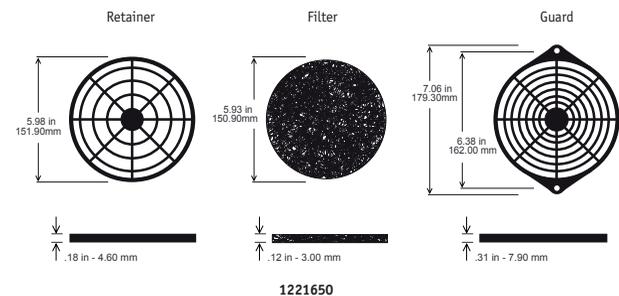
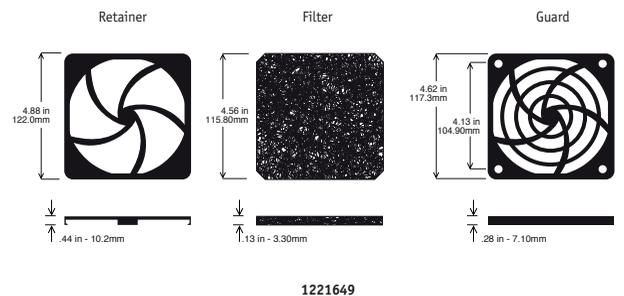
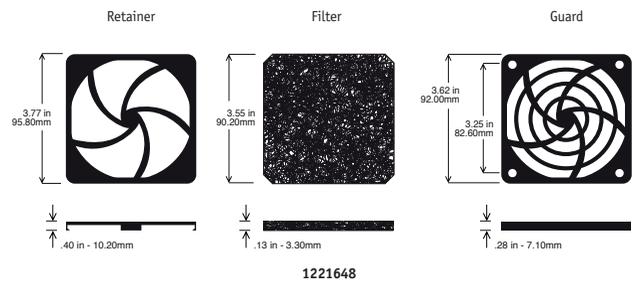
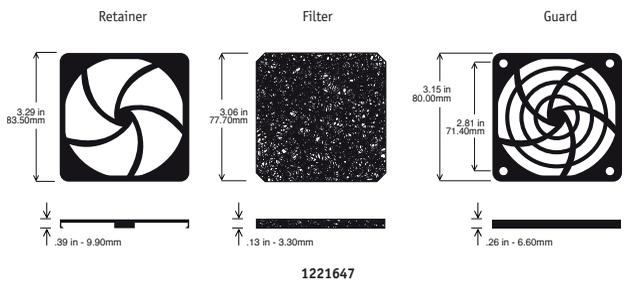
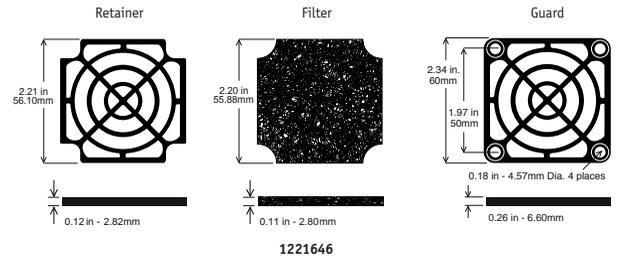
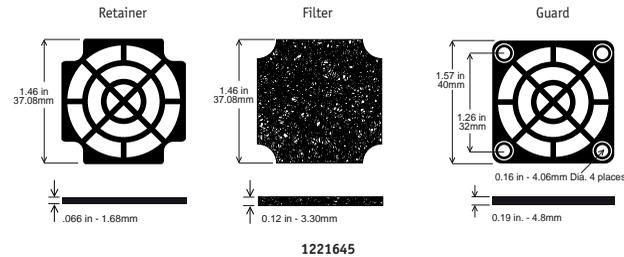
- Black Nylon 6, RMS-52



Part Number	Mounting Hole Ø (mm)	Panel Thickness (mm)	Extraction Force	Standard Pack Quantity
SR-3230B	3.1-3.2	20.5-21.5	8kg min.	1000

## Fan Filters Assemblies

- Filter Assemblies include a finger guard, a foam filter and a retainer
- The guards and retainers are all manufactured using high impact plastics which all meet UL94-V0 flammability requirements
- The foam filter meets UL94HF1 smoke generation requirements



Part Number Full Assembly	Standard Pack Quantity
1221645	500
1221646	1000
1221647	500
1221648	400
1221649	200
1221650	100

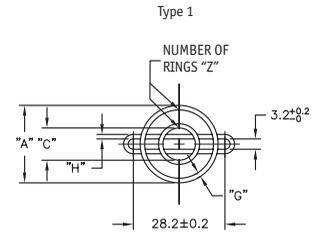
Part Number Finger Guard (Only)	Standard Pack Quantity
1221639	500
1221640	1000
1221641	1000
1221642	1000
1221643	500
1221644	500

Part Number Foam Filter (Only)	Standard Pack Quantity
1221651	250
1221652	250
1221653	200
1221654	150
1221655	100
1221656	100

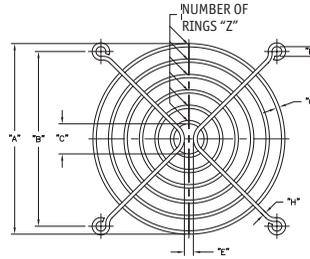
## Fan Guards

### RCOFM

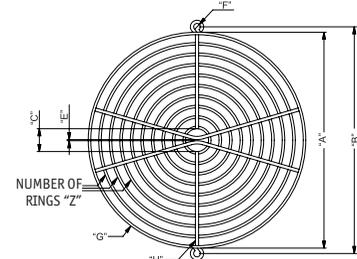
- Steel Wire Electroplated, RMS-261
- Nickel Chrome Finish, RMS-229



Type 2



Type 3

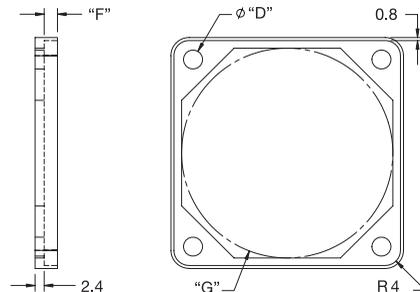


Part Number	Type	Dimensions (mm)										Standard Pack Quantity
		"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"Z"		
RCOFM-25	1	24	-	10.5	2.2	-	-	1.4	1.4	2	100	
RCOFM-40	2	29.1	32	14.2	4.8	4	4	1.6	1.6	2	100	
RCOFM-50	2	41.12	40	14.2	4.8	3.7	4.6	1.6	1.6	3	100	
RCOFM-60	2	53.2	50	14.2	4.4	3	4.6	1.6	1.6	4	100	
RCOFM-80	2	76.2	71.5	14.2	4.9	3.5	5.2	1.8	1.8	5	100	
RCOFM-92	2	90	82.5	14.2	5.5	4.2	4.6	1.6	1.8	6	100	
RCOFM-120	2	115.6	104.8	14.0	5.5	2.6	4.6	1.8	1.8	8	100	
RCOFM-150-A	3	154.43	162.05	16.3	6.45	0.81	4.83	1.8	2.3	10	100	

## Fan Gasket

### FGA

- Black Silicone Rubber, 40 Shore A, RMS-101

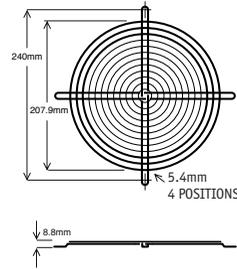


Part Number	Fan Size	Fan Hole Spacing	Dimensions (mm)			Standard Pack Quantity
			"D"	"F"	"G" Ref.	
FGA-40	40	32	4.5	3.5	36	100
FGA-50	50	40	4.5	3.5	46	100
FGA-60	60	50	5	3.5	56	100
FGA-70	70	61.5	5	4	66	100
FGA-80	80	71.5	5	4	75	100
FGA-92	92	82.5	5	4	87	100
FGA-120	120	105	5	4	115	100

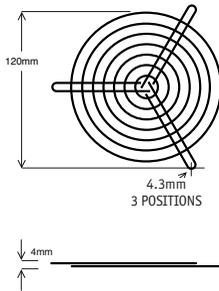
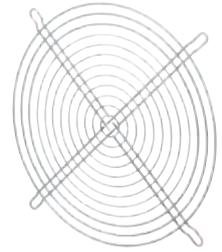
# Wire Fan Guards

Nickle Plated Steel

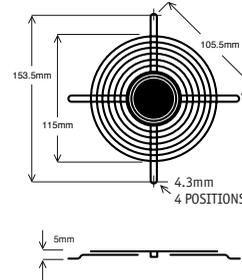
Part Number	Rib Diameter (mm)	Ring Diameter (mm)	Standard Pack Quantity
1221661	2.4 and 1.5	2.4	100
1221662	2.0	2.0	200
1221663	1.4	1.4	400
1221664	1.5	1.2	1000
1221665	2.0	1.5	200
1221666	2.0	1.5	200
1221667	2.5	1.2	400



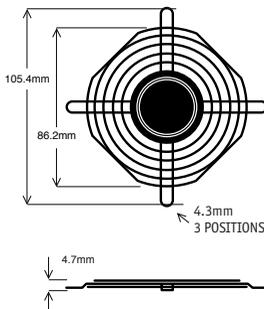
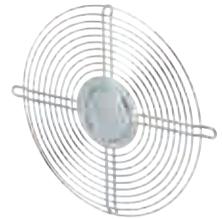
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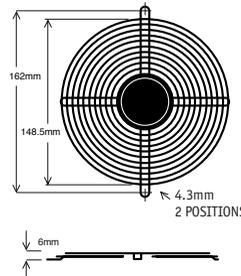
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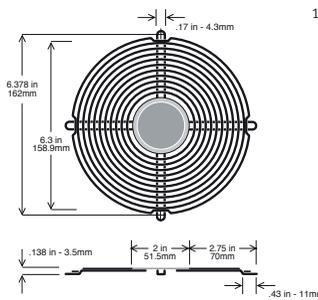
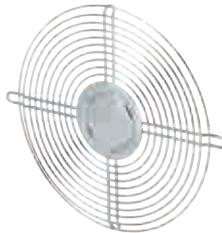
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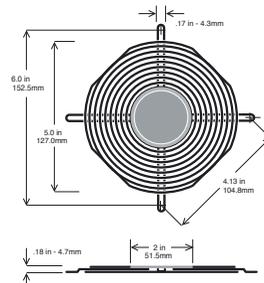
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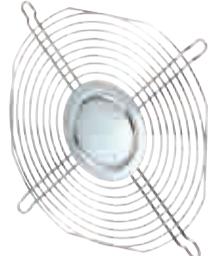
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1221666



1221667



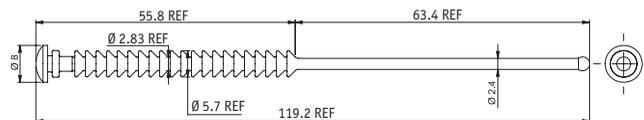
## Multi Fan Mount

### FMM

- Black Silicone Rubber 40 Shore A, RMS-316,



Patent Pending



Part Number	Dimensions (mm)				Standard Pack Quantity
	Fan Thickness	Fan Hole Ø	Panel Thickness	Panel Hole Ø	
FMM-1	10 - 51	3.2 - 4.5	1 - 1.5	4.5 - 4.8	500

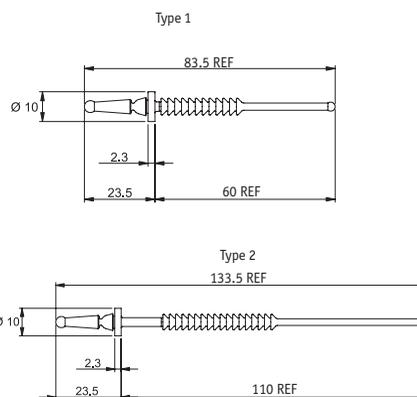
## Break-Away Fan Mount

### FMB

- Black Silicone Rubber 40 Shore A, RMS-316



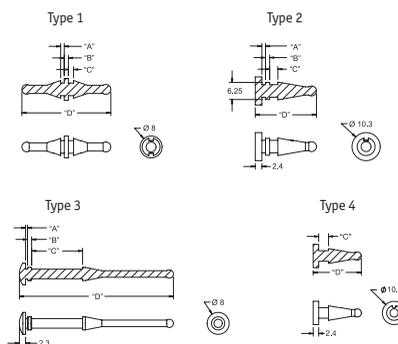
Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		Panel Hole Ø	Panel Thickness	Fan Hole Ø	Fan Thickness	
FMB-1	2	4.5-5.0	0.8-1.6	4.0-4.5	25-51	1000
FMB-2	1	4.5-5.0	0.8-1.6	3.2-3.5	Up to 10	1000
FMB-2	1	4.5-5.0	0.8-1.6	4.0-4.5	Up to 25	1000



## Fan Mounts

### FM

- Black EPDM Rubber/Silicone Rubber



Part Number	Type	Material	Dimensions (mm)				Hole Ø x 2 (mm)	Fan Thickness (mm)	Max. Panel Thickness (mm)	Standard Pack Quantity
			"A"	"B"	"C"	"D"				
FM-1	1	EPDM Rubber. 30 Shore A. RMS-166	1.3	1.5	1.9	32.3	5	2	1.4	1000
FM-2	1	EPDM Rubber. 40 Shore A. RMS-180	1.3	1.5	1.9	32.3	5	2	1.4	1000
FM-3	2	EPDM Rubber. 30 Shore A. RMS-166	1.3	1.5	3	22.2	5	3.1	1.4	1000
FM-4	2	EPDM Rubber. 40 Shore A. RMS-180	1.3	1.5	3	22.2	5	3.1	1.4	1000
FM-5	3	Silicone Rubber. 40 Shore A. RMS-316	0.7	1.5	18.5	56	3.5	20	0.8	1000
FM-6	3	Silicone Rubber. 40 Shore A. RMS-316	2.5	2	14	53.8	4.3	15	3	1000
FM-7	3	Silicone Rubber. 40 Shore A. RMS-316	0.7	1.5	24	73	3.5	25-28	0.8	1000
FM-8	4	EPDM Rubber. 30 Shore A. RMS-166	-	-	4.3	21	5	5.4*	5.4*	1000
FM-9	4	EPDM Rubber. 40 Shore A. RMS-180	-	-	4.3	21	5	5.4*	5.4*	1000

\*Maximum combined panel and fan thickness

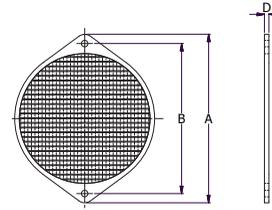
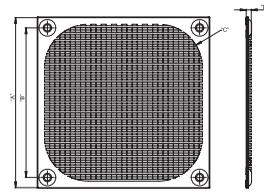
## Metal Frame Filter

### MFF

Frame: Aluminum 1060, RMS-247;

Mesh: Stainless Steel 304, RMS-283

- Provides EMI and RFI protection
- Type 1 Wire Ø: 23
- Type 1 Mesh Size: 30 Strands/1 25.4
- Type 2 Mesh Size:  $\frac{3}{16}$ " Pitch,  $\frac{1}{8}$ " deep



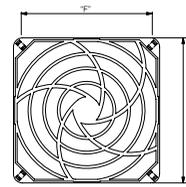
1221657

Part Number	Dimensions (mm)					Mounting hole Ø x 4	Standard Pack Quantity
	"A" ± 1	"B"	"C"	"D" ± 1			
MFF-60	59.2	50.0	R7.5	4.0		4.32	100
MFF-80	83.8	71.4	R10.0	3.5		4.32	100
MFF-92	92.0	82.5	R12.5	4.0		4.32	100
MFF-120	118.9	104.8	R25	3.5		4.32	100
1221657	182.0	162.0	-	4.8		4.30	400

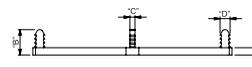
## Fan Guard

### FGPT

- Black UL94 HB ABS, RMS-171



Part Number	Dimensions (mm)						Standard Pack Quantity
	"A"	"B"	"C"	"D"	"E"	"F" Ref.	
FGPT-80	80	14.5	2.8	5.5	4.00	71	20
FGPT-92	92	15.0	2.6	5.5	4.15	82	20
FGPT-120	119	16.5	3.0	5.5	4.50	104	10

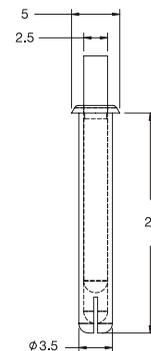


Bottom Hole: Ø 4.7±0.1

## Fan Mount Rivet

### FR-1

- Black UL94 V-2 Nylon 6, RMS-52



Part Number	Hole Ø (mm)	Mounting Thickness (mm)	Installation Tool	Standard Pack Quantity
FR-1	3.5	20.5 - 21.5	PPR-T1	1000

## AUTOMATION AND CONTROL SOLUTIONS

- Over 200 cost-effective parts, irrelevant of project size or quantity
- IP50 and IP65 control units suitable for both indoor and outdoor assemblies
- Safety regulation compliant



 362	 362	 363	 363	 364	 364	 364
 365	 365	 366	 367	 367	 368	 368
 369	 369	 370	 371	 372	<p>MORE THAN <b>200</b> AUTOMATION AND CONTROL PRODUCTS AVAILABLE</p>	

# AUTOMATION AND CONTROL



CONTROL UNITS

362



PILOT LIGHTS

369



CAM SWITCHES

371



THERMOSTATS

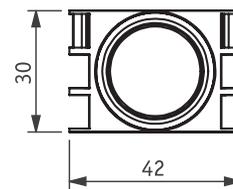
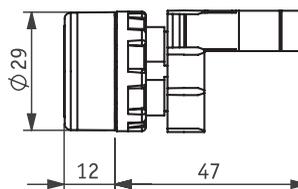
373

## IP50 Plastic Body Push Button

SR 3000  
Polyamide



- To fit  $\varnothing 22$  mm cut out with flush finish with spring return
- Temperature from  $-15^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Range of colours to meet various needs
- Operating current: 4A
- Operating voltage: 250V AC



Assembly Dimension  $\varnothing 22.4 \pm 0.2$  mm

Part Number	Contact Type	Colour	Standard Pack Quantity
1339782	1NO	Green	10
1339783	1NO	White	10
1339784	1NO	Blue	10
1339785	1NO	Yellow	10
1339786	1NO	Black	10
1339787	1NC	Red	10

## IP50 Plastic Body Double Headed Push Button

SR 3001  
Polyamide

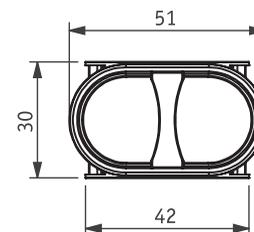
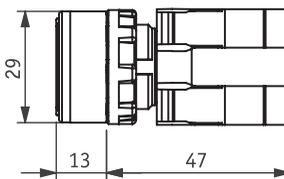


Flush button version



Extended button version

- To fit  $\varnothing 22$  mm cut out with flush finish with spring return
- Temperature from  $-15^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Range of colours to meet various needs
- Operating current: 4A
- Operating voltage: 250V AC



Assembly Dimension  $\varnothing 22.4 \pm 0.2$  mm

Part Number	Contact Type	Button Type	Colour	Standard Pack Quantity
1339788	1NO + 1NC	Flush	Red - Green	8
1339789	1NO + 1NC	Flush	Black - White	8
1339790	1NO + 1NC	Extended	Red - Green	8
1339791	1NO + 1NC	Extended	Black - White	8

## IP50 Plastic Body Selector

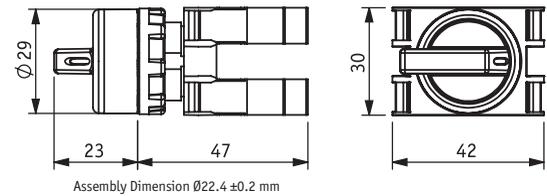
SR 3002

Polyamide

- To fit Ø22 mm cut out
- Temperature from -15°C to 70°C
- Operating current: 4A
- Operating voltage: 250V AC



Part Number	Contact Type	Type	Position	Standard Pack Quantity
1339792	1NO	-	0-1	10
1339793	1NO	Spring return	0-1	10
1339794	2NO	-	2-0-1	10
1339795	2NO	Single spring return	2-0-1	10
1339796	2NO	Double spring return	2-0-1	10



## IP50 Plastic Emergency Button

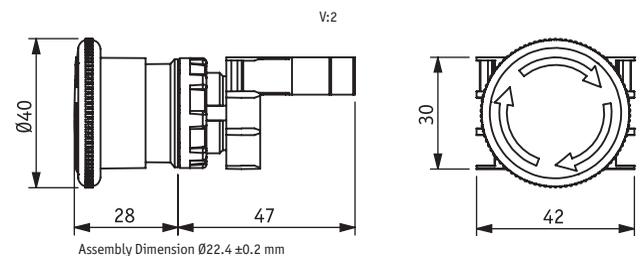
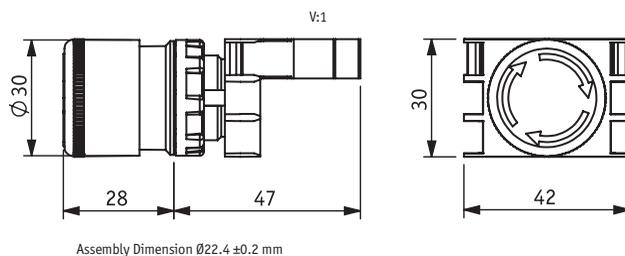
SR 3003

Polyamide

- To fit Ø22 mm cut out
- Temperature from -15°C to 70°C
- Operating current: 4A
- Operating voltage: 250V AC



Label version



Part Number	Contact Type	Version	Standard Pack Quantity
1339797	1NC	1 (No Label)	10
1339798	1NC	1 (Label version)	10
1339799	1NC	2	10

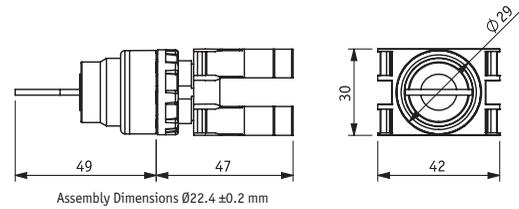
## IP50 Plastic Body Key Operated Push Button

SR 3004

Polyamide



- To fit Ø22 mm cut out
- Temperature from -15°C to 70°C
- Operating current: 4A
- Operating voltage: 250V AC



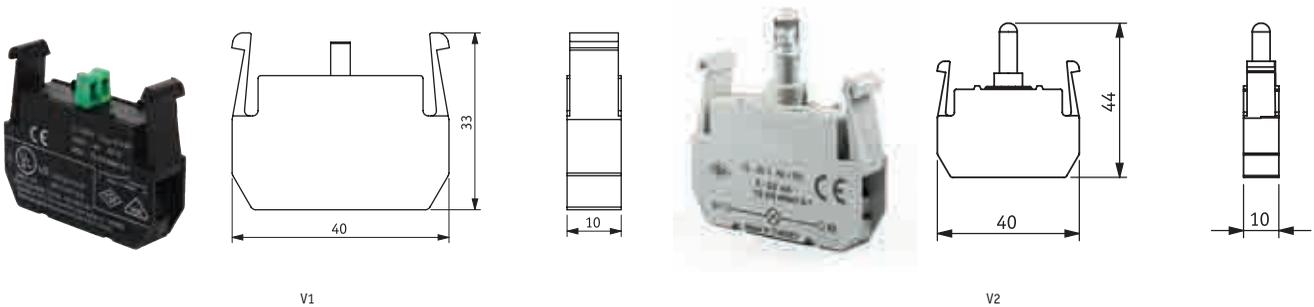
Part Number	Contact Type	Type	Position	Standard Pack Quantity
1339801	1NO	Stay put	0-1	10
1339802	1NO + 1NC	Spring releasable	0-1	10
1339803	1NO	Single spring releasable	2-0-1	10
1339804	2NO	Double spring releasable	2-0-1	10
1339805	1NO	Key removal	0-1	10
1339806	1NO + 1NC	Key removal	2-0-1	10

## IP50 Control Unit Accessories

SR 3005

Polyamide

- To be used with Essentra IP50 Control Units
- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Operating current: 4A
- Operating voltage: 250V AC



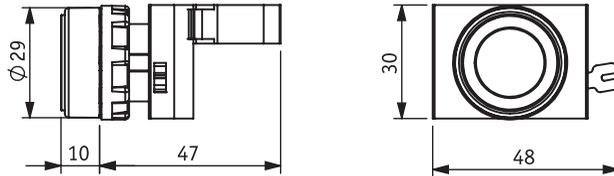
Part Number	Version	Type	Contact Type	LED Colour	Standard Pack Quantity
1339807	1	Contact block	1 NO	-	20
1339808	1	Contact block	1 NC	-	20
1339809	1	Contact block	Light contact block	-	20
1339810	2	Illumination block with LED	12 - 30 V AC / DC	White	20
1339811	2	Illumination block with LED	12 - 30 V AC / DC	Red	20
1339812	2	Illumination block with LED	12 - 30 V AC / DC	Blue	20
1339813	2	Illumination block with LED	12 - 30 V AC / DC	Yellow	20
1339814	2	Illumination block with LED	12 - 30 V AC / DC	Green	20
1339815	2	Illumination block with LED	100 - 230 V AC	White	20
1339816	2	Illumination block with LED	100 - 230 V AC	Red	20
1339817	2	Illumination block with LED	100 - 230 V AC	Blue	20
1339818	2	Illumination block with LED	100 - 230 V AC	Yellow	20
1339819	2	Illumination block with LED	100 - 230 V AC	Green	20

## IP65 Plastic Body Push Button

SR 3006

Polyamide

- To fit  $\varnothing 22$  mm cut out with flush finish with spring return
- Temperature from  $-15^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Range of colours to meet various needs
- Operating current: 4A
- Operating voltage: 230V AC



Assembly Dimension  $\varnothing 22.4 \pm 0.2$  mm

Part Number	Contact Type	Colour	Standard Pack Quantity
1339713	1NO	Green	10
1339714	1NO	White	10
1339715	1NO	Blue	10
1339716	1NO	Yellow	10
1339717	1NO	Black	10
1339718	1NC	Red	10

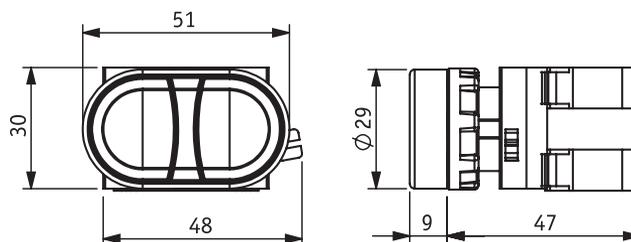


## IP65 Plastic Body Double Headed Push Button

SR 3007

Polyamide

- To fit  $\varnothing 22$  mm cut out with flush finish with spring return
- Temperature from  $-15^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Range of colours to meet various needs
- Operating current: 4A
- Operating voltage: 230V AC



Assembly Dimension  $\varnothing 22.4 \pm 0.2$  mm

Part Number	Contact Type	Button Type	Colour	Standard Pack Quantity
1339725	1NO + 1NC	Flush	Red - Green	8
1339726	1NO + 1NC	Flush	Black - White	8
1339727	1NO + 1NC	Extended	Red - Green	8
1339728	1NO + 1NC	Extended	Black - White	8



Flush button version



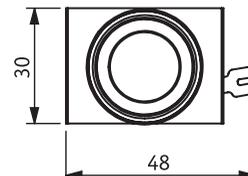
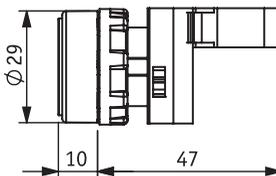
Extended button version

## IP65 Metal Head Push Button

SR 3008

Polyamide

- To fit Ø22 mm cut out with flush finish with spring return
- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Operating current: 4A
- Operating voltage: 230V AC



Assembly Dimensions Ø22.4 ±0.2 mm

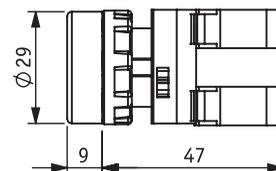
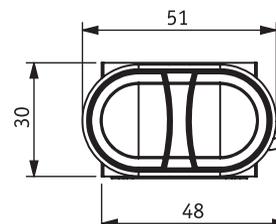
Part Number	Contact Type	Colour	Standard Pack Quantity
1339719	1NO	White	10
1339720	1NO	Blue	10
1339721	1NO	Yellow	10
1339722	1NO	Green	10
1339723	1NO	Black	10
1339724	1NC	Red	10

## IP65 Metal Double Headed Push Button

SR 3009

Polyamide

- To fit Ø22 mm cut out with flush finish with spring return
- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Operating current: 4A
- Operating voltage: 230V AC



Assembly Dimensions Ø22.4 ±0.2 mm



Flush button version



Extended button version

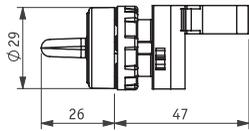
Part Number	Contact Type	Button Type	Colour	Standard Pack Quantity
1339729	1NO + 1NC	Flush	Red - Green	8
1339730	1NO + 1NC	Flush	Black - White	8
1339731	1NO + 1NC	Extended	Red - Green	8
1339732	1NO + 1NC	Extended	Black - White	8

## IP65 Body Selector

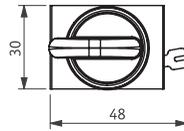
SR 3010  
Polyamide



- To fit Ø22 mm cut out with flush finish
- Temperature from -15°C to 70°C
- Operating current: 4A
- Operating voltage: 230V AC



Assembly Dimension Ø22.4 ±0.2 mm



Plastic version



Metal version

Part Number	Material	Contact Type	Type	Position	Standard Pack Quantity
1339733	Plastic	1NO	Stay put	0-1	10
1339734	Plastic	1NO	Spring return	0-1	10
1339735	Metal	1NO	Stay put	0-1	10
1339736	Metal	1NO	Spring return	0-1	10
1339737	Metal	2NO	Stay put	2-0-1	10
1339738	Metal	2NO	Single spring return	2-0-1	10
1339739	Metal	2NO	Double spring return	2-0-1	10

## IP65 Emergency Button

SR 3011  
Polyamide



- To fit Ø22 mm cut out
- Temperature from -15°C to 70°C
- Operating current: 4A
- Operating voltage: 230V AC



V:3



V:4



V:1



V:2



V:5



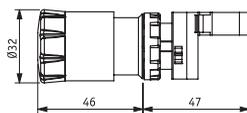
V:6



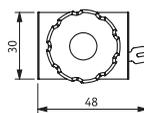
V:7



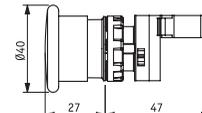
V:8



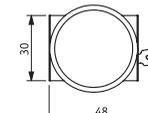
Assembly Dimension Ø22.4 ±0.2 mm



V: 3, 4, 5 & 6



Assembly Dimension Ø22.4 ±0.2 mm



V: 1, 2, 7 & 8

Part Number	Version	Material	Contact Type	Version	Diameter (mm)	Standard Pack Quantity
1339740	1	Plastic	1NC	Turn to release	40	10
1339741	2	Plastic	1NC	With label	40	10
1339742	3	Plastic	1NC	Turn to release	30	10
1339743	4	Plastic	1NC	Turn to release	30	10
1339744	5	Plastic	1NC	Pull to release	30	10
1339745	6	Plastic	1NC	Pull to release	30	10
1339746	7	Plastic	1NC	With window pull	40	10
1339748	8	Metal	1NC	Spring return	40	10

# CONTROL UNITS

## IP65 Key Operated Push Button

SR 3012

Polyamide



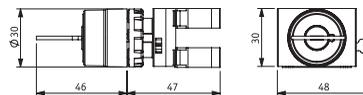
- To fit Ø22 mm cut out with flush finish
- Temperature from -15°C to 70°C
- Operating current: 4A
- Operating voltage: 230V AC



Plastic Version



Metal Version



Assembly Dimension Ø22.4 ±0.2 mm

Part Number	Material	Contact Type	Type	Position	Standard Pack Quantity
1339751	Plastic	1NO	Stay put	0-1	10
1339752	Plastic	2NO	Single spring releasable	2-0-1	10
1339753	Plastic	2NO	Double spring releasable	2-0-1	10
1339754	Plastic	1NO	Stay put	0-1	10
1339755	Plastic	1NO	Stay put	2-0-1	10
1339756	Metal	1NO	Stay put	0-1	10
1339757	Metal	1NO	Spring return	0-1	10
1339758	Metal	2NO	Single spring releasable	2-0-1	10
1339759	Metal	2NO	Double spring releasable	2-0-1	10
1339760	Metal	1NO	Stay put	0-1	10
1339761	Metal	1NO	Stay put	2-0-1	10

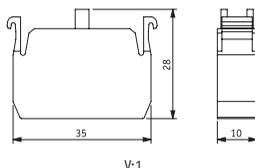
## IP65 Control Unit Accessories

SR 3013

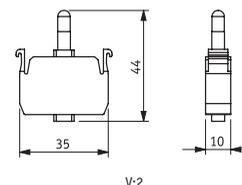
Polyamide



- To be used with Essentra IP65 Control Units
- Temperature from -15°C to 70°C
- Range of colours to meet various needs



V:1



V:2

Part Number	Version	Type	Contact Type	LED Colour	Standard Pack Quantity
1339762	1	Contact block	1 NO	-	20
1339763	1	Contact block	1 NC	-	20
1339764	2	Illumination block with LED	12-30 V AC/DC	White	20
1339765	2	Illumination block with LED	12-30 V AC/DC	Red	20
1339766	2	Illumination block with LED	12-30 V AC/DC	Blue	20
1339767	2	Illumination block with LED	12-30 V AC/DC	Yellow	20
1339768	2	Illumination block with LED	12-30 V AC/DC	Green	20
1339769	2	Illumination block with LED	100-230 V AC	White	20
1339770	2	Illumination block with LED	100-230 V AC	Red	20
1339771	2	Illumination block with LED	100-230 V AC	Blue	20
1339772	2	Illumination block with LED	100-230 V AC	Yellow	20
1339773	2	Illumination block with LED	100-230 V AC	Green	20

## Control Unit Accessories

SR 3014



Part Number	Version	Standard Pack Quantity
1339774	Silicon cover	20
1339775	Silicon Cover Double Head	20
1339776	Silicon Cover Double Head	100
1339777	Push Button Plate Holder 8mm	100
1339778	Push Button Plate Holder 18mm	100
1339779	Double Push Button Plate Holder 18mm	100
1339780	IP50 Push Button Plate 18mm	100
1339781	IP50 Push Button Plate 8mm	100

## IP50 LED Pilot Lights with Contact Block

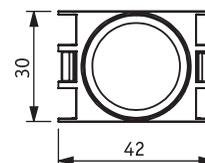
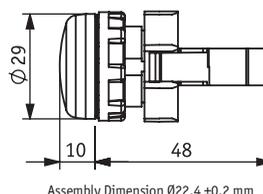
SR 3015

Polyamide

- To fit Ø22 mm cut out with flush finish
- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Operating current: 5-15mA
- Operating voltage: 100-230V AC



Part Number	Nominal Voltage	Colour	Standard Pack Quantity
1339840	12-30 V AC/DC	White	10
1339841	12-30 V AC/DC	Red	10
1339842	12-30 V AC/DC	Blue	10
1339843	12-30 V AC/DC	Yellow	10
1339844	12-30 V AC/DC	Green	10
1339845	100-250 V AC	White	10
1339846	100-250 V AC	Red	10
1339847	100-250 V AC	Blue	10
1339848	100-250 V AC	Yellow	10
1339849	100-250 V AC	Green	10



Assembly Dimension Ø22.4 ±0.2 mm

## IP65 LED Pilot Lights with Contact Block

SR 3016

Polyamide

- To fit Ø22 mm cut out with flush finish
- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Available in metal and plastic finish
- Operating current: 5-15mA
- Operating voltage: 100-230V AC

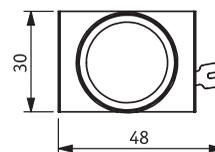
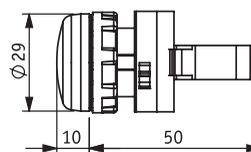


Plastic



Metal

Part Number	Material	Nominal Voltage	Colour	Standard Pack Quantity
1339820	Plastic	12-30 V AC/DC	White	10
1339821	Plastic	12-30 V AC/DC	Red	10
1339822	Plastic	12-30 V AC/DC	Blue	10
1339823	Plastic	12-30 V AC/DC	Yellow	10
1339824	Plastic	12-30 V AC/DC	Green	10
1339825	Plastic	100-250 V AC	White	10
1339826	Plastic	100-250 V AC	Red	10
1339827	Plastic	100-250 V AC	Blue	10
1339828	Plastic	100-250 V AC	Yellow	10
1339829	Plastic	100-250 V AC	Green	10
1339830	Metal	12-30 V AC/DC	White	10
1339831	Metal	12-30 V AC/DC	Red	10
1339832	Metal	12-30 V AC/DC	Blue	10
1339833	Metal	12-30 V AC/DC	Yellow	10
1339834	Metal	12-30 V AC/DC	Green	10
1339835	Metal	100-250 V AC	White	10
1339836	Metal	100-250 V AC	Red	10
1339837	Metal	100-250 V AC	Blue	10
1339838	Metal	100-250 V AC	Yellow	10
1339839	Metal	100-250 V AC	Green	10



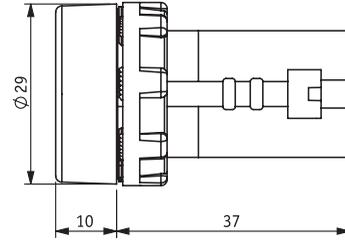
Assembly Dimension Ø22.4 ±0.2 mm

## Monoblock Pilot Lights

SR 3017

Polyamide

- To fit Ø22 mm cut out with flush finish
- Temperature from -15°C to 70°C
- Range of colours to meet various needs



Assembly Dimension Ø22.4 ±0.2 mm

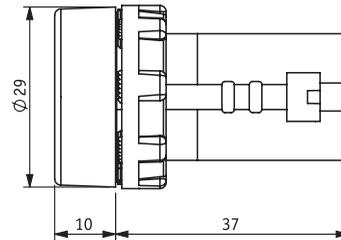
Part Number	Nominal Voltage	Colour	Standard Pack Quantity
1339854	24V AC/DC	Green	10
1339855	24V AC/DC	Red	10
1339856	24V AC/DC	Blue	10
1339857	24V AC/DC	White	10
1339858	24V AC/DC	Yellow	10
1339859	220V AC	Green	10
1339860	220V AC	Red	10
1339861	220V AC	Blue	10
1339862	220V AC	White	10
1339863	220V AC	Yellow	10

## Monoblock Buzzers

SR 3018

Polyamide

- To fit Ø22 mm cut out with flush finish
- Temperature from -15°C to 70°C
- Range of colours to meet various needs



Assembly Dimension Ø22.4 ±0.2 mm

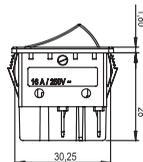
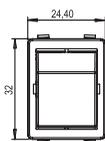
Part Number	Feature	Nominal Voltage	Colour	Standard Pack Quantity
1339864	LED illumination	24 AC/DC	Red	10
1339865	LED illumination	220V AC	Black	10
1339866	-	24 AC/DC	Red	10
1339867	-	220V AC	Black	10

## Rocker Switch

SR 3019

PA 66

- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Rated current: 16 A NO+1NC
- Rated voltage: 250V AC



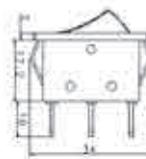
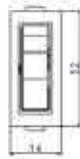
Part Number	Type	Light	Standard Pack Quantity
1339868	ON- OFF/1-0	Yes	1000
1339869	ON- OFF/1-0	No	1000
1339870	ON- OFF/1-0 4 Screw	Yes	750
1339871	ON- OFF/1-0 4 Screw	No	750
1339872	ON- OFF/1-0 clamp	Yes	750

## Rocker Switch

SR 3020

PA 66

- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Rated current: 16 A NO+1NC
- Rated voltage: 250V AC



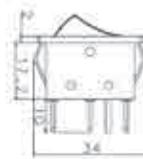
Part Number	Colour	Light	Standard Pack Quantity
1339873	Red	Yes	1500
1339874	Red	No	1500
1339875	Orange	Yes	1500

## Rocker Switch

SR 3021

PA 66

- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Rated current: 16 A NO+1NC
- Rated voltage: 250V AC



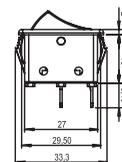
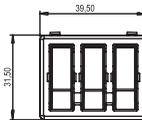
Part Number	Colour	Light	Standard Pack Quantity
1339876	Red	Yes	750
1339877	Red	No	750
1339878	Orange	Yes	750

## Rocker Switch

SR 3022

PA 66

- Temperature from -15°C to 70°C
- Range of colours to meet various needs
- Rated current: 16 A NO+1NC
- Rated voltage: 250V AC



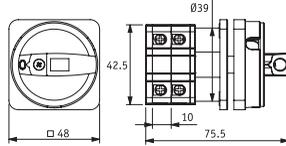
Part Number	Colour	Light	Standard Pack Quantity
1339879	Red	No	500
1339880	Orange	Yes	500

# CAM SWITCHES

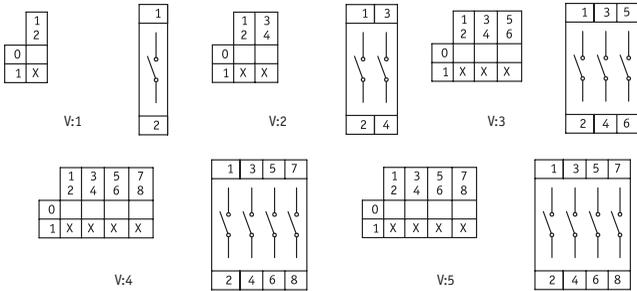
## 90° Safety On/Off Cam Switches

SR 3023

PA 66



Contact Schema



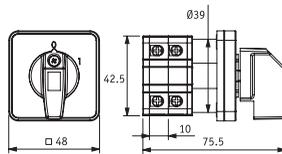
- Temperature from -15°C to 80°C
- TS EN 60947 -3
- Handle designed to fit finger ergonomy
- Operating Voltage: 220- 400V

Part Number	Poles	Schema Version	Rated Thermal Current (A)	Standard Pack Quantity
1339884	1	1	10	24
1339885	2	2	10	24
1339886	3	3	10	24
1339887	4	4	10	24
1339888	3 + Neutral	5	10	24
1339889	1	1	16	24
1339890	2	2	16	24
1339891	3	3	16	24
1339892	4	4	16	24
1339893	3 + Neutral	5	16	24
1339894	1	1	20	24
1339895	2	2	20	24
1339896	3	3	20	24
1339897	4	4	20	24
1339898	3 + Neutral	5	20	24
1339899	1	1	25	24
1339900	2	2	25	24
1339901	3	3	25	24
1339902	4	4	25	24
1339903	3 + Neutral	5	25	24

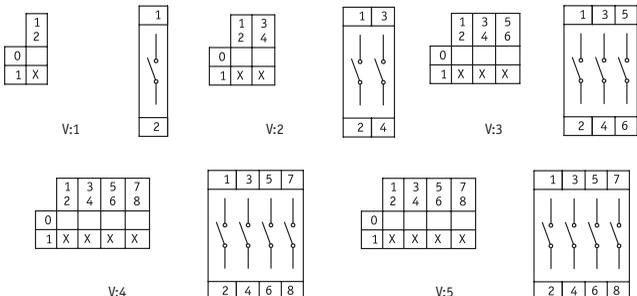
## 60° 0-1 On/Off Cam Switches

SR 3024

PA 66



Contact Schema



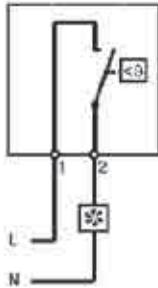
- Temperature from -15°C to 80°C
- TS EN 60947 -3
- Handle designed to fit finger ergonomy
- Operating Voltage: 400V

Part Number	Poles	Schema Version	Rated Thermal Current (A)	Standard Pack Quantity
1339904	1	1	10	24
1339905	2	2	10	24
1339906	3	3	10	24
1339907	4	4	10	24
1339908	3 + Neutral	5	10	24
1339909	1	1	16	24
1339910	2	2	16	24
1339911	3	3	16	24
1339912	4	4	16	24
1339913	3 + Neutral	5	20	24
1339914	1	1	20	24
1339915	2	2	20	24
1339916	3	3	20	24
1339917	4	4	20	24
1339918	3 + Neutral	5	20	24
1339919	1	1	25	24
1339920	2	2	25	24
1339921	3	3	25	24
1339922	4	4	25	24
1339923	3 + Neutral	5	25	24

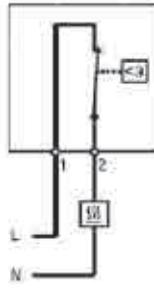
## Thermostat

### SR 3025

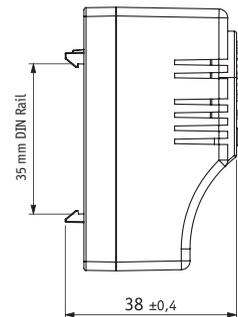
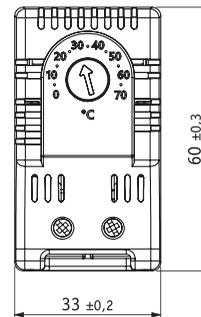
- Operating temperature from  $-20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$
- IP20
- 35 mm DIN Rail (EN50022) mounting
- UL94 V0 casting



Cooling



Heating



Part Number	Working Voltage	Type	Standard Pack Quantity
1339709	AC 24- 230V	Cooling	40
1339710	AC 24- 230V	Heating	40

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498



506

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LOCKS

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HVAC ACCESSORIES

413



DISPLAY LOCKS

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COMPRESSION LOCKS

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LATCHES AND CATCHES

435



MAGNETIC CATCHES  
AND COUNTER PLATES

446



STRIKERS

453



HINGES

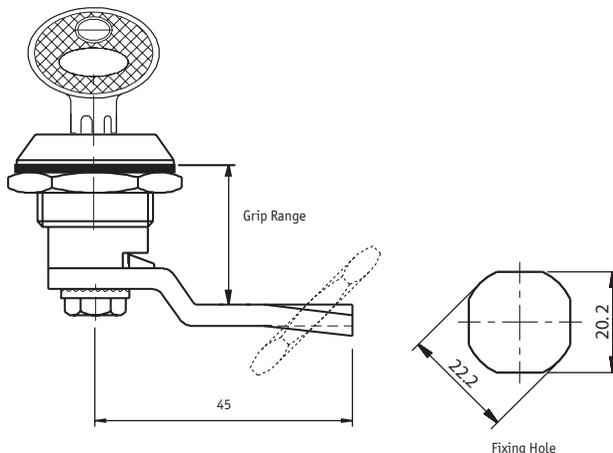
455

## Cylinder Cam Locks

SR 5516

### Die-Cast Zinc Alloy

- Keyed Alike/Keyed Different/Master key options
- Master Key version is keyed different with a Master Key that will open all locks
- Master key must be ordered separately
- Two keys supplied with every lock



Chrome Plated Die-Cast Zinc Housing



Black Powder Coated Die-Cast Zinc Housing



Polyamide 30% Glass Fibre Reinforced Housing



### Chrome Plated Die-Cast Zinc Housing

Keyed Alike	Keyed to Differ	Master Key System	Grip Range (mm)	Standard Pack Quantity
063110561E	063113261E	063110461E	8	50
063110539E	063113239E	063110439E	14	50
063110537E	063113237E	063110437E	18	50
063110530E	063113230E	06344059E	20	50
063110533E	063113233E	063110433E	24	50
063110534E	063113234E	063110434E	26	50

### Black Powder Coated Die-Cast Zinc Housing

Part Number			Grip Range (mm)	Standard Pack Quantity
Keyed Alike	Keyed to Differ	Master Key System		
063120561E	063123261E	063120461E	8	50
063120539E	063123239E	063120439E	14	50
063120537E	063123237E	063120437E	18	50
063120530E	063123230E	063120430E	20	50
063120533E	063123233E	063120433E	24	50
063120534E	063123234E	063120434E	26	50

### Polyamide 30% Glass Fibre Reinforced Housing – with Euro Key 5333

Part Number	Grip Range (mm)	Standard Pack Quantity
063200561E	8	50
063200539E	14	50
063200537E	18	50
063200530E	20	50
063200533E	24	50
063200534E	26	50

### Master Key

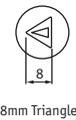
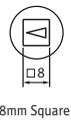
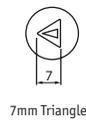
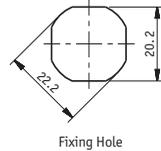
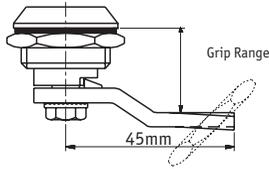
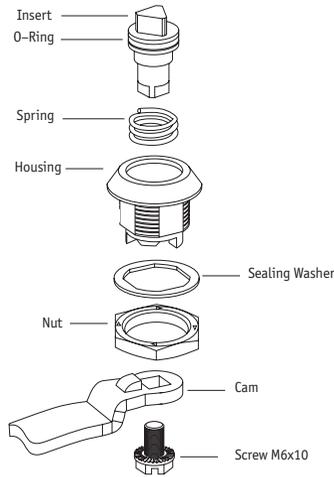
Part Number	Description	Standard Pack Quantity
30204041E	Master Key	100

# IP65 Quarter Turn Latches with Spring

SR 5530

Die-Cast Zinc Alloy

- Ideal for use on electrical cabinets and enclosures
- Six headstyles and six grip ranges available



Part Number			Head Style	Grip Range (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated	PA Housing			
06011360E	060121360E	060201360E	3mm Double Bit	8.5	50
06011338E	060121338E	060201338E	3mm Double Bit	14.5	50
06011330E	060121330E	060201330E	3mm Double Bit	18.5	50
06011334E	060121334E	060201334E	3mm Double Bit	24.5	50
06011336E	060121336E	060201336E	3mm Double Bit	26.5	50
06011347E	060121347E	060201347E	3mm Double Bit	28.5	50
06011560E	060121560E	060201560E	5mm Double Bit	8.5	50
06011538E	060121538E	060201538E	5mm Double Bit	14.5	50
06011530E	060121530E	060201530E	5mm Double Bit	18.5	50
06011534E	060121534E	060201534E	5mm Double Bit	24.5	50
06011536E	060121536E	060201536E	5mm Double Bit	26.5	50
06011547E	060121547E	060201547E	5mm Double Bit	28.5	50
060112860E	060122860E	060202860E	8mm Square	8.5	50
060112838E	060122838E	060202838E	8mm Square	14.5	50
060112830E	060122830E	060202830E	8mm Square	18.5	50
060112834E	060122834E	060202834E	8mm Square	24.5	50
060112836E	060122836E	060202836E	8mm Square	26.5	50
060112847E	060122847E	060202847E	8mm Square	28.5	50
060113760E	-	-	7mm Triangle	8.5	50
060113738E	-	-	7mm Triangle	14.5	50
060113730E	-	-	7mm Triangle	18.5	50
060113734E	-	-	7mm Triangle	24.5	50
060113736E	-	-	7mm Triangle	26.5	50
060113747E	-	-	7mm Triangle	28.5	50
060113860E	060123860E	060203860E	8mm Triangle	8.5	50
060113838E	060123838E	060203838E	8mm Triangle	14.5	50
060113830E	060123830E	060203830E	8mm Triangle	18.5	50
060113834E	060123834E	060203834E	8mm Triangle	24.5	50
060113836E	060123836E	060203836E	8mm Triangle	26.5	50
060113847E	060123847E	060203847E	8mm Triangle	28.5	50
060114260E	060124260E	060204260E	Slotted	8.5	50
060114238E	060124238E	060204238E	Slotted	14.5	50
060114230E	060124230E	060204230E	Slotted	18.5	50
060114234E	060124234E	060204234E	Slotted	24.5	50
060114236E	060124236E	060204236E	Slotted	26.5	50
060114247E	060124247E	060204247E	Slotted	28.5	50

## Quarter Turn Lock

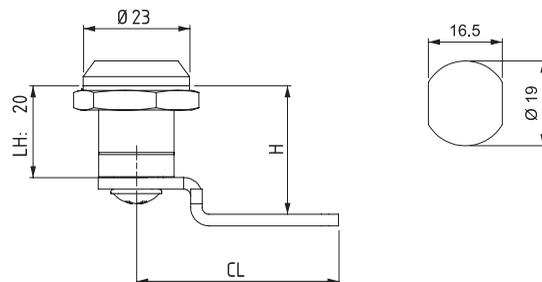
SR 5000

HOUSING: Zamak DIN-EN 1774-ZnAl4Cu1

KNOB: Zamak DIN-EN 1774-ZnAl4Cu1

CAM: Steel

- 19 mm cut out
- Left/right hand
- Vibration proof quarter turn
- Opening the lock only possible by pushing and rotating the driver with the key



Part Number		Head Style	Grip Range (mm)	Standard Pack Quantity
Chrome Plated	Black Coated			
350111350E	350121350E	3mm Double Bit	20	100
350111351E	350121351E	3mm Double Bit	27	100
350111352E	350121352E	3mm Double Bit	30	100
350113750E	350123750E	7mm Triangle	20	100
350113751E	350123751E	7mm Triangle	27	100
350113752E	350123752E	7mm Triangle	30	100
350112750E	350122750E	7mm Square	20	100
350112751E	350122751E	7mm Square	27	100
350112752E	350122752E	7mm Square	30	100
350114250E	350124250E	Slotted	20	100
350114251E	350124251E	Slotted	27	100
350114252E	350124252E	Slotted	30	100

## Secure Quarter Turn

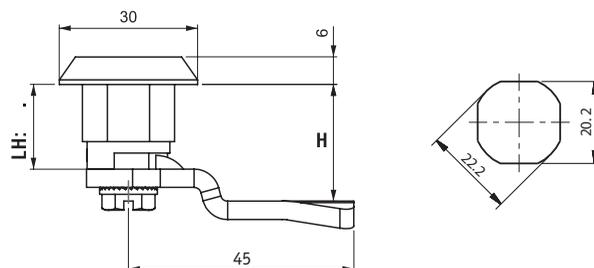
SR 5001

HOUSING: Zamak DIN-EN 1774-ZnAl4Cu1

KNOB: Zamak DIN-EN 1774-ZnAl4Cu1

CAM: Steel

- Right/left hand lock
- When lock is open, key functions as a knob



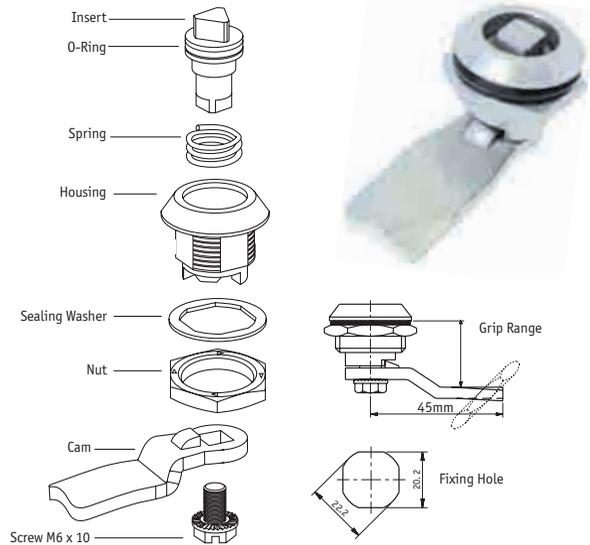
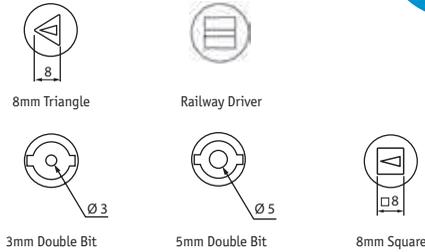
Part Number		Door Locking Direction	Head Style	Grip Range (H) (mm)	Standard Pack Quantity
Chrome Plated	Black Coated				
4611111538001E	46112121538001E	Right	5 mm double Bit	14.5	50
4611111530001E	46112121530001E	Right	5 mm double Bit	18.5	50
4611111534001E	46112121534001E	Right	5 mm double Bit	24.5	50
4611111536001E	46112121536001E	Right	5 mm double Bit	26.5	50
46111119638001E	46112129638001E	Right	8 mm Square	14.5	50
46111119630001E	46112129630001E	Right	8 mm Square	18.5	50
46111119634001E	46112129634001E	Right	8 mm Square	24.5	50
46111119636001E	46112129636001E	Right	8 mm Square	26.5	50
4611111538002E	46112121538002E	Left	5 mm double Bit	14.5	50
4611111530002E	46112121530002E	Left	5 mm double Bit	18.5	50
4611111534002E	46112121534002E	Left	5 mm double Bit	24.5	50
4611111536002E	46112121536002E	Left	5 mm double Bit	26.5	50
46111119638002E	46112129638002E	Left	8 mm Square	14.5	50
46111119630002E	46112129630002E	Left	8 mm Square	18.5	50
46111119634002E	46112129634002E	Left	8 mm Square	24.5	50
46111119636002E	46112129636002E	Left	8 mm Square	26.5	50

## Stainless Steel Quarter Turn with Spring

SR 5560

Stainless Steel AISI 304

- Ideal for outdoor cabinets and enclosures
- Seals to IP65



Part Number					Grip Range (mm)	Standard Pack Quantity
3mm Double Bit	5mm Double Bit	8mm Square	8mm Triangle	Railway Driver		
060401338E	060401538E	060402838E	060403838E	060408838E	14.5	50
060401330E	060401530E	060402830E	060403830E	060408830E	18.5	50
060401334E	060401534E	060402834E	060403834E	060408834E	24.5	50
060401336E	060401536E	060402836E	060403836E	060408836E	26.5	50

## Quarter Turn Lock – Spring Loaded

SR 5002

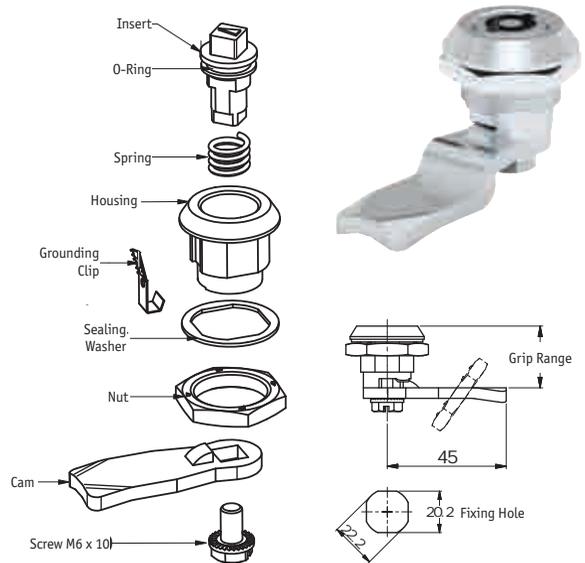
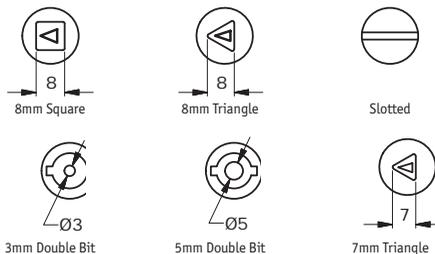
Housing/Driver: Zamak DIN-EN 1774-ZnAl4Cu1

Cam: Steel

Gasket: Rubber

Grounding Clip: Stainless Steel

- Special clip for grounding
- Designed internal spring provides 1.5mm torsion
- Cam does not rotate beyond quarter turn due to stop lip



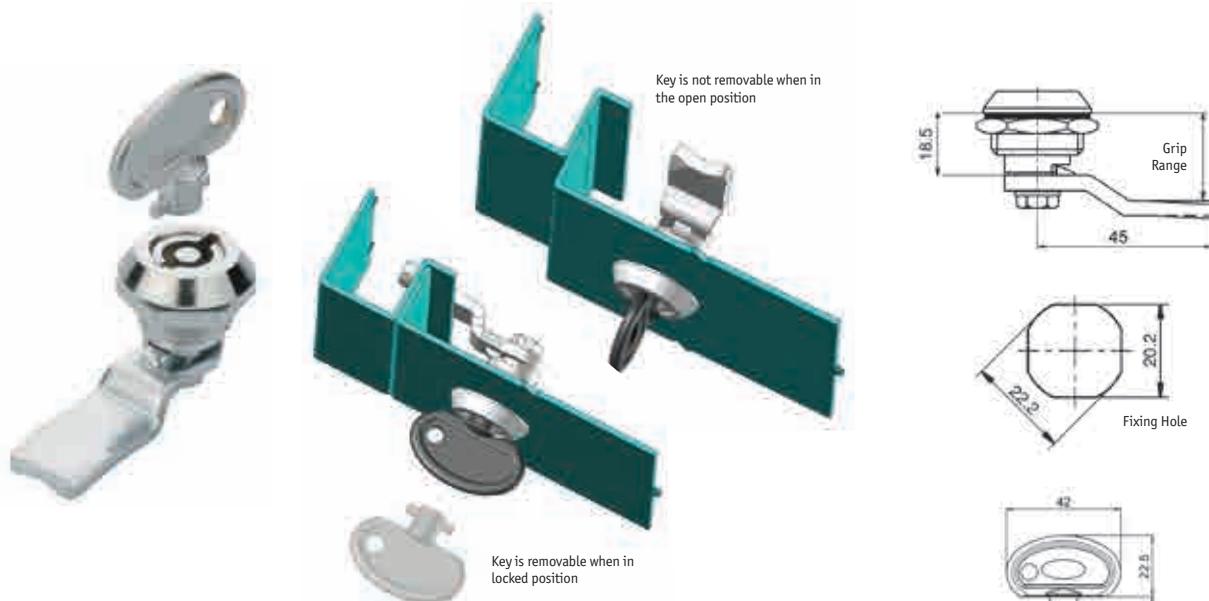
Part Number												Grip Range (mm)	Standard Pack Quantity
3mm Double Bit		5mm Double Bit		7mm Triangle		8mm Square		8mm Triangle		Slotted			
Chrome	Black Coated	Chrome	Black Coated	Chrome	Black Coated	Chrome	Black Coated	Chrome	Black Coated	Chrome	Black Coated		
360111330	360121330	360111530	360121530	360113730	360123730	360112830	360122830	360113830	360123830	360114230	360124230	18.5	50
360111334	360121334	360111534	360121534	360113734	360123734	360112834	360122834	360113834	360123834	360114234	360124234	24.5	50
360111336	360121336	360111536	360121536	360113736	360123736	360112836	360122836	360113836	360123836	360114236	360124236	26.5	50
360111338	360121338	360111538	360121538	360113738	360123738	360112838	360122838	360113838	360123838	360114238	360124238	14.5	50
360111347	360121347	360111547	360121547	360113747	360123747	360112847	360122847	360113847	360123847	360114247	360124247	28.5	50
360111360	360121360	360111560	360121560	360113760	360123760	360112860	360122860	360113860	360123860	360114260	360124260	8.5	50

## Secure Quarter Turn Locks

SR 5540

Chrome Finish Die-Cast Zinc Alloy

- Designed to improve the safety of machinery and enclosures
- When the lock is in the open position, the key acts as a knob
- Key listed is specific to this lock providing security



### Lock

Part Number		Grip Range (mm)	Standard Pack Quantity
Chrome Plated	Black Coated		
3611138E	3611238E	14.5	50
3611130E	3611230E	18.5	50
3611134E	3611234E	24.5	50
3611136E	3611236E	26.5	50

### Key

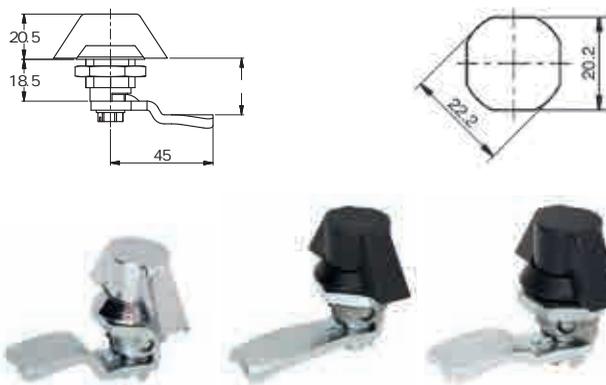
Part Number		Standard Pack Quantity
Chrome Plated	Black Coated	
16711E	16712E	250

## Cam Locks with Wing Knobs

SR 5478

Die-Cast Zinc Alloy or Polyamide

- Quarter turn operation
- Left-hand and right-hand application is possible

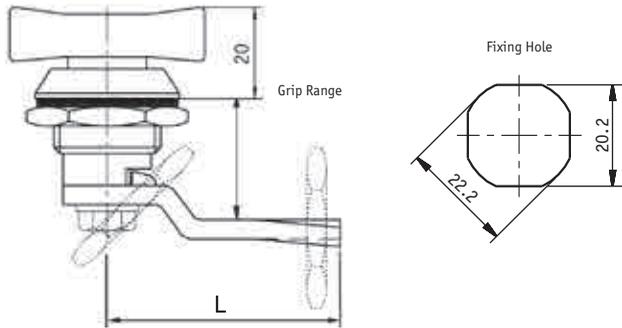


Part Number		Finish	Grip Range (mm)	Standard Pack Quantity
Die-Cast Zinc Alloy	Polyamide			
065110060E	-	Chrome	8.5	50
065110038E	-	Chrome	14.5	50
065110030E	-	Chrome	18.5	50
065110034E	-	Chrome	24.5	50
065110036E	-	Chrome	26.5	50
065110047E	-	Chrome	28.5	50
065120060E	-	Black Coated	8.5	50
065120038E	-	Black Coated	14.5	50
065120030E	-	Black Coated	18.5	50
065120034E	-	Black Coated	24.5	50
065120036E	-	Black Coated	26.5	50
065120047E	-	Black Coated	28.5	50
-	065200060E	Black	8.5	50
-	065200038E	Black	14.5	50
-	065200030E	Black	18.5	50
-	065200034E	Black	24.5	50
-	0652000361E	Black	26.5	50
-	065200047E	Black	28.5	50

## Quarter Turn Latch with Wing Knob

SR 5522

- Supplied with rubber gasket for good seal



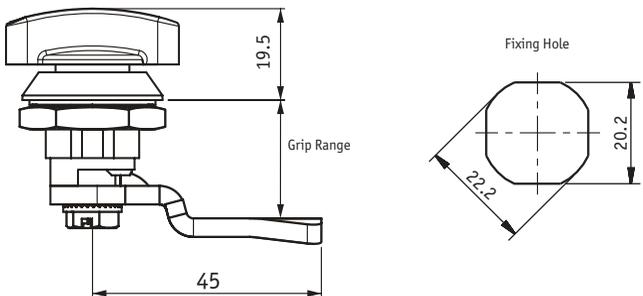
**Type 1 (Die-Cast Zinc Alloy Body, Steel Cam)**

Part Number		Grip Range (mm)	L (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated			
0621160E	0621260E	8.5	45	50
0621138E	0621238E	14.5	45	50
0621130E	0621230E	18.5	45	50
0621134E	0621234E	24.5	45	50
0621136E	0621236E	26.5	45	50
0621147E	0621247E	28.5	45	50



**Type 2 (Polyamide Body, Polyamide Cam)**

Part Number	Grip Range (mm)	L (mm)	Standard Pack Quantity
0622090E	18.5	35	50
0622091E	24.5	35	50
0622092E	22.5	35	50
0622093E	18.5	35	50



**Type 3 (Die-Cast Zinc Alloy, Steel Cam)**

Part Number		Grip Range (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated		
3621160E	3621260E	8.5	50
3621138E	3621238E	14.5	50
3621130E	3621230E	18.5	50
3621134E	3621234E	24.5	50
3621136E	3621236E	26.5	50
3621147E	3621247E	28.5	50



## Quarter Turn Latch with Wingknob – Long Housing

SR 5523

Body: Die-Cast Zinc Alloy

Cam: Steel

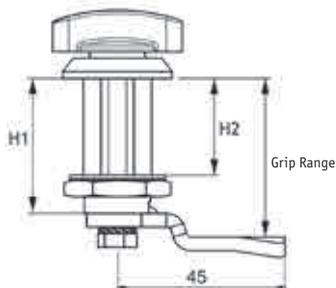
- Ideal for sound-proof or isolated doors
- Supplied with rubber sealing gasket



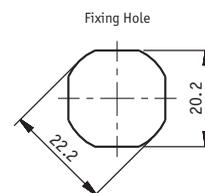
Chrome Plated



Black Coated



H2 = Maximum Panel Thickness



All dimensions in mm

Part Number		Grip Range (mm)	Dimensions (mm)		Standard Pack Quantity
Chrome Plated	Black Coated		H1	H2	
064362201137E	064362201237E	28	30	20	50
064362201130E	064362201230E	30	30	20	50
064362201131E	064362201231E	33	30	20	50
064362301137E	064362301237E	38	40	30	50
064362301130E	064362301230E	40	40	30	50
064362301131E	064362301231E	43	40	30	50
064362401137E	064362401237E	48	50	40	50
064362401130E	064362401230E	50	50	40	50
064362401131E	064362401231E	53	50	40	50
064362501137E	064362501237E	58	60	50	50
064362501130E	064362501270E	60	60	50	50
064362501131E	064362501231E	63	60	50	50

## Wing Knob with Padlock Fitting

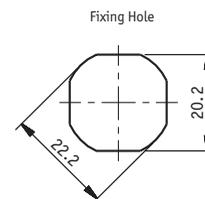
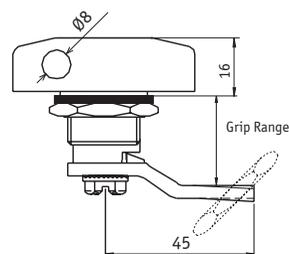
SR 5520

Chrome Plated Die-Cast Zinc Alloy with Steel Cam

- Rubber Gasket for good seal



Right Hand Example



All dimensions in mm

Part Number		Grip Range (mm)	Standard Pack Quantity
Right Hand Door	Left Hand Door		
262160001E	262160002E	8.5	50
262138001E	262138002E	14.5	50
262130001E	262130002E	18.5	50
262134001E	262134002E	24.5	50
262136001E	262136002E	26.5	50
262147001E	262147002E	28.5	50

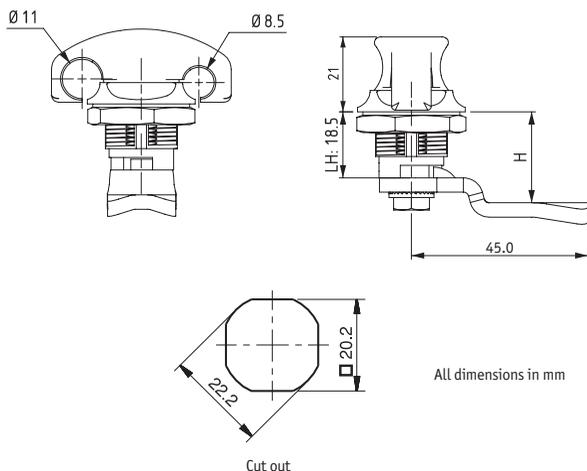
## Padlockable Wing Knob

SR 5003

Housing: Zamak DIN-EN 1774-ZnAl4Cu1

Knob: Zamak DIN-EN 1774-ZnAl4Cu1

Cam: Steel



Part Number		Grip Range (H) (mm)	Standard Pack Quantity
Chrome	Black Coated		
562160E	562260E	8.5	50
562138E	562238E	14.5	100
562130E	562230E	18.5	100
562134E	562234E	24.5	100
562136E	562236E	26.5	100
562147E	562247E	28.5	100

- Left/right hand
- Maximum shackle diameter is 10mm for 11mm hole
- Maximum shackle diameter is 6mm for 8.5mm hole



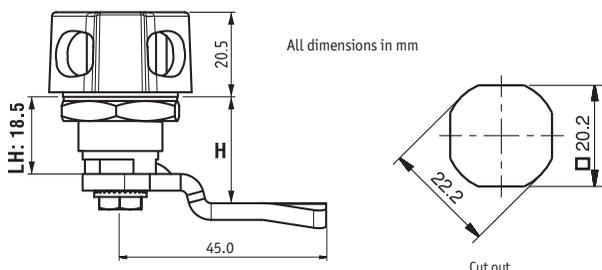
## Stainless Steel Padlockable Wing Knob

SR 5004

Housing: Stainless Steel (AISI 316)

Knob: Stainless Steel (AISI 316)

Cam: Stainless Steel (AISI 304)



Part Number		Grip Range (H) (mm)	Standard Pack Quantity
Left Hand	Right Hand		
2654030002E	2654030001E	18.5	50
2654034002E	2654034001E	24.5	50
2654036002E	2654036001E	26.5	50
2654047002E	2654047001E	28.5	50

- Maximum shackle diameter is 6mm
- IP65

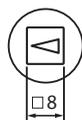
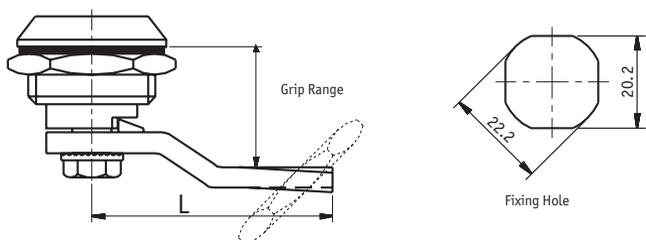


## Plastic Quarter Turn with Spring

SR 5531

Polyamide 30% Glass Fibre Reinforced

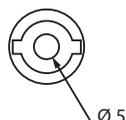
- Seals to IP65
- Lightweight alternative to SR5530



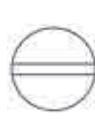
8mm Square



8mm Triangle



5mm Double Bit



Slotted

### Plastic Quarter Turn with Metal Lock Nut

Part Number				Grip Range (mm)	L (mm)	Standard Pack Quantity
5mm Double Bit	8mm Square	8mm Triangle	Slotted			
060201590E	060202890E	060203890E	060204290E	18.5	35	50
060201591E	060202891E	060203891E	060204291E	24.5	35	50
060201592E	060202892E	060203892E	060204292E	22.5	45	50
060201593E	060202893E	060203893E	060204293E	18.5	25	50

### Plastic Lock Nut

Part Number	Standard Pack Quantity
30502002E	50

## Easy Fixing Quarter Turn Lock

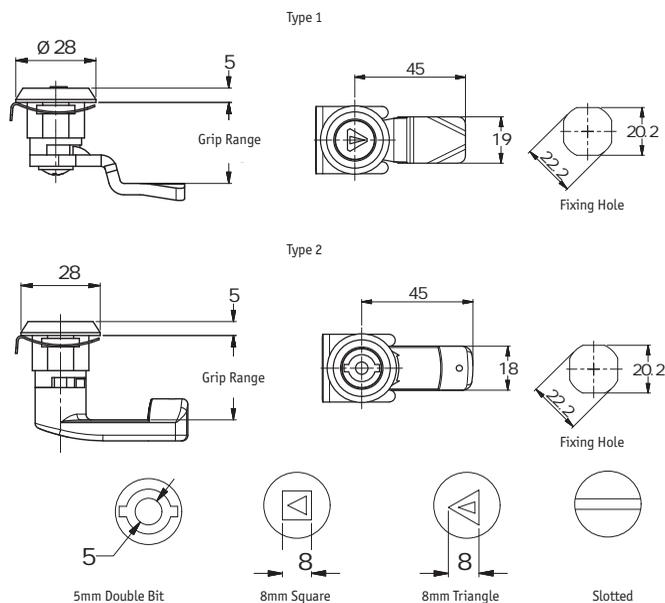
SR6415

Polyamide – Black

Cam:

Type 1 – Material Steel/Finish Zinc plated

Type 2 – Material Plastic Black



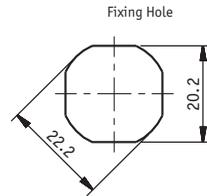
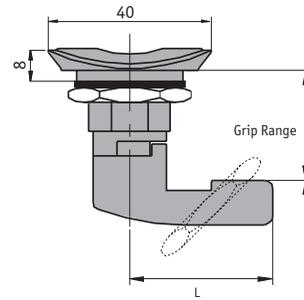
Part Number				Type	Grip Range (mm)	Standard Pack Quantity
5mm Double Bit	8mm Square	8mm Triangle	Slotted			
56020201560E	56020202860E	56020203860E	56020204260E	1	8.5	50
56020201538E	56020202838E	56020203838E	56020204238E	1	14.5	50
56020201530E	56020202830E	56020203830E	56020204230E	1	18.5	50
56020201590E	56020202890E	56020203890E	56020204290E	2	18.5	50
56020201592E	56020202892E	56020203892E	56020204292E	2	22.5	50
56020201534E	56020202834E	56020203834E	56020204234E	1	24.5	50
56020201536E	56020202836E	56020203836E	56020204236E	1	26.5	50
56020201547E	56020202847E	56020203847E	56020204247E	1	28.5	50

## Plastic Lock with Finger Grips

SR 5524

Polyamide

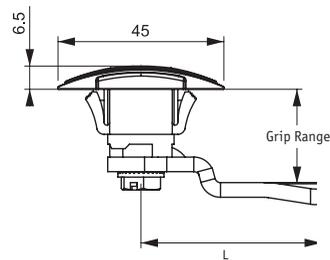
- Lock Nut Style is IP65
- Finger grips allow user to pull door open
- Snap in style to suit 0.8-1.8mm panel thickness



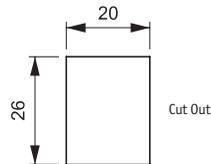
Lock Nut Style

### Lock Nut Style 5mm Double Bit

Part Number	Grip Range (mm)	L (mm)	Standard Pack Quantity
161201590E	18.5	35	50
161201591E	24.5	35	50
161201592E	22.5	45	50



Fixing Hole



Snap In Style

### Snap in Style

Part Number		Grip Range (mm)	L (mm)	Standard Pack Quantity
5mm Double Bit	Euro Key (5333)			
26120201590E	261200590E	18.5	35	50
26120201591E	261200591E	24.5	35	50
26120201592E	261200592E	22.5	45	50
26120201593E	261200593E	18.5	25	50

All dimensions in mm

## Quarter Turn Lock -Knob on Lock

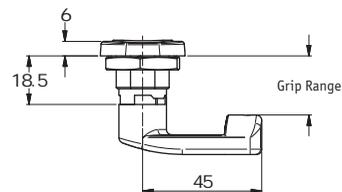
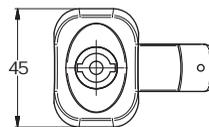
SR 5005

Housing/Driver: Polyamide DIN-EN ISO

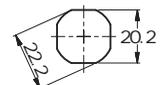
1043-1 PA6 GFR 30

Driver/Nut/Cam: PA6 GFR 30

- Lock is designed to act as a knob
- 5mm double bit driver



Cut Out



Part Number	Grip Range (mm)	Standard Pack Quantity
56120201592	18.5	50
56120201593	22.5	50

## Clip On Quarter Turn Latches

SR 5470

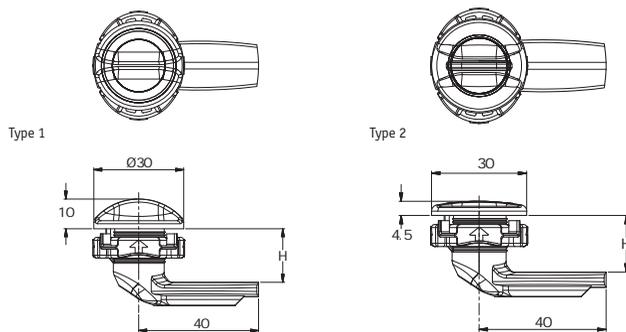
Black Polyamide

- Includes body and clip
- Tool-less assembly for quick and easy mounting
- Up to 90° rotation angle
- Latch can be mounted onto doors with thickness of up to 6mm
- For lightweight door applications

Type 1



Type 2



Part Number	Type	Dimensions (mm)		Style	Standard Pack Quantity
		H			
497579	1	13.5		Cranked	25
497580	1	18		Straight	25
497583	1	25		Straight	25
497581	2	13.5		Cranked	25
497582	2	18		Straight	25

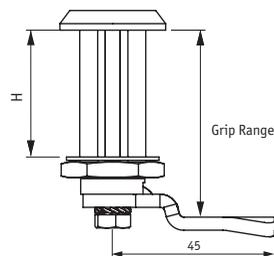
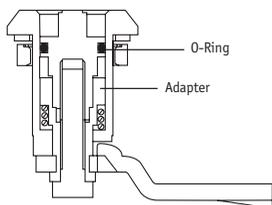
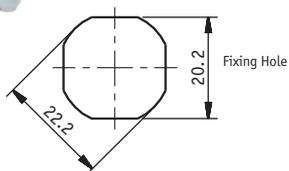
## Cover Locks

SR 5526

Die-Cast Zinc Alloy



- Suitable for use on thick panels such as insulated panels
- Chrome Plated Finish
- Seals to IP65
- Supplied with rubber sealing gasket



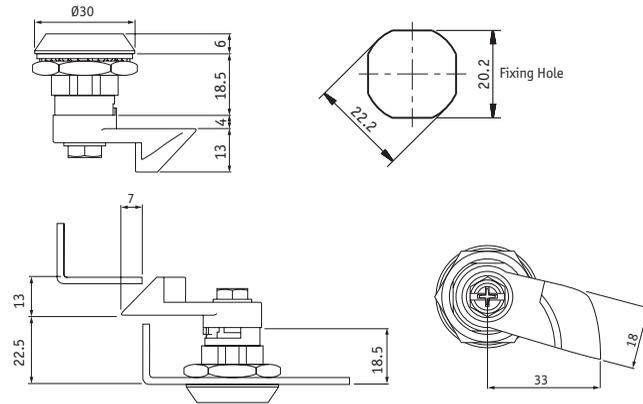
Part Number				Dimensions (mm)		Standard Pack Quantity
5mm doublebit	3mm Double Bit	8mm Square	8mm Triangular	(H) Max Panel Thickness	Grip Range	
06411152030E	06411132030E	06411282030E	06411382030E	20	30	50
06411152033E	06411132033E	06411282033E	06411382033E	20	34	50
06411152034E	-	-	-	20	36	50
06411152036E	-	-	-	20	38	50
06411152047E	-	-	-	20	40	50
06411153030E	-	-	-	30	30	50
06411153033E	06411133033E	06411283033E	06411383033E	30	44	50
06411153034E	06411133034E	06411283034E	06411383034E	30	46	50
06411153036E	-	-	-	30	48	50
06411153047E	-	-	-	30	50	50
06411154030E	-	-	-	40	50	50
06411154033E	06411134033E	06411284033E	06411384033E	40	54	50
06411154034E	06411134034E	06411284034E	06411384034E	40	56	50
06411154036E	-	-	-	40	58	50
06411154047E	-	-	-	40	60	50
06411155030E	-	-	-	50	60	50
06411155033E	06411135033E	06411285033E	06411385033E	50	64	50
06411155034E	06411135034E	06411285034E	06411385034E	50	66	50
06411155036E	-	-	-	50	68	50
06411155047E	06411135047E	06411285047E	06411385047E	50	70	50

## Slam Shut Quarter Turn Locks

SR 5525

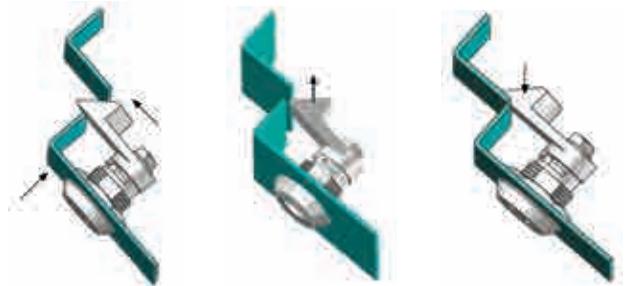
Die-Cast Zinc Alloy with Steel Cam

- Chrome plated finish
- 5mm double bit head
- Sprung cam lifts and returns when door is closed



All dimensions in mm

Part Number		Standard Pack Quantity
Left Hand	Right Hand	
1601115002E	1601115001E	50



As the panel door is pushed to, the cam rises and then springs down behind the panel wall

## Quarter Turn Lock - Paco Lock

SR 5006

Housing: Zamak DIN-EN 1774-ZnAl4Cu1

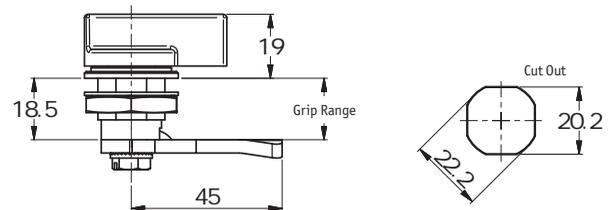
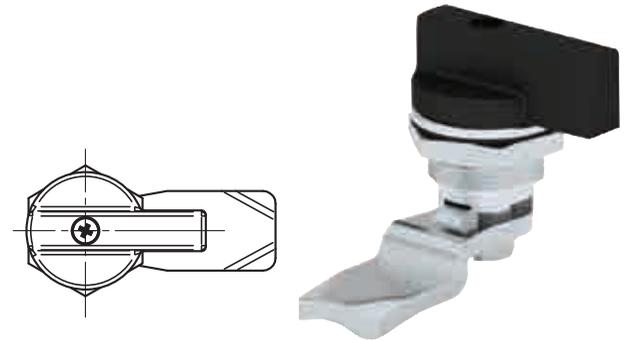
Knob: PA6 GFR 30

Cam: Steel

Gasket: Rubber

Finish: Chrome

- Paco type knob
- Ideal for application such as electric panels, machinery covers



Part Number	Grip Range (mm)	Standard Pack Quantity
16230M	18.5	50
16234M	24.5	50
16236M	26.5	50
16238M	14.5	50
16247M	28.5	50
16260	8.5	50

## Hygienic Compression Lock

SR B-0000

Housing: Stainless Steel (AISI 316)

Driver: Stainless Steel (AISI 316)

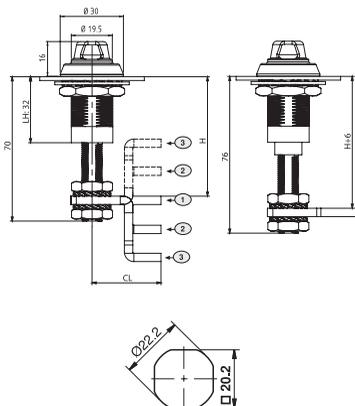
Cam: Stainless Steel (AISI 304)

Nut: Stainless Steel (AISI 304)

O-Ring: Silicone



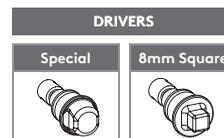
- Tested according to the GS-NV 6:2015/12 for hygiene requirements
- Tested according to the DIN EN 61373 Category 1-B for vibration and shock
- Specially designed for hygiene requirements and cabinets that require better sealing under vibrating conditions



All dimensions in mm

Cut Out

CAM	CC	CH	CL	POSITION	H: GRIP	
					MIN	MAX
1	01	0	33	Flat	41	58
2	02	14	33	Up	27	44
				Down	55	72
3	03	27.5	33	Up	13.5	30.5
				Down	68	85



Part Number	Orientation	Driver	Cam type	Grip Range (mm) (H)	Standard Pack Quantity
4402409901001E	Right Hand	Special	1	41-58	50
4402409902001E	Right Hand	Special	2	27-72	50
4402409903001E	Right Hand	Special	3	13-85	50
4402402801001E	Right Hand	8mm Square	1	41-58	50
4402402802001E	Right Hand	8mm Square	2	27-72	50
4402402803001E	Right Hand	8mm Square	3	13-85	50
4402409901002E	Left Hand	Special	1	41-58	50
4402409902002E	Left Hand	Special	2	27-72	50
4402409903002E	Left Hand	Special	3	13-85	50
4402402801002E	Left Hand	8mm Square	1	41-58	50
4402402802002E	Left Hand	8mm Square	2	27-72	50
4402402803002E	Left Hand	8mm Square	3	13-85	50

## Stainless Steel Quarter Turn With Spring

SR B-0001

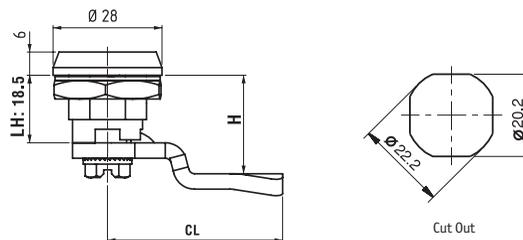
Housing: Stainless Steel (AISI 316)

Driver: Stainless Steel (AISI 316)

Cam: Stainless Steel (AISI 304)

Nut: Stainless Steel (AISI 304)

- Ideal for use in vibration and outdoor applications



All dimensions in mm



Part Number	Orientation	Driver	Grip Range (mm) (H)	Standard Pack Quantity
1060401540001E	Right Hand	5mm Double Bit	18.5	50
1060401534001E	Right Hand	5mm Double Bit	24.5	50
1060401547001E	Right Hand	5mm Double Bit	28.5	50
1060403740001E	Right Hand	7mm Triangular	18.5	50
1060403734001E	Right Hand	7mm Triangular	24.5	50
1060403747001E	Right Hand	7mm Triangular	28.5	50
1060401540002E	Left Hand	5mm Double Bit	18.5	50
1060401534002E	Left Hand	5mm Double Bit	24.5	50
1060401547002E	Left Hand	5mm Double Bit	28.5	50
1060403740002E	Left Hand	7mm Triangular	18.5	50
1060403734002E	Left Hand	7mm Triangular	24.5	50
1060403747002E	Left Hand	7mm Triangular	28.5	50

## Stainless Steel Quarter Turn Lock – Circular Cut Out

SR 5007

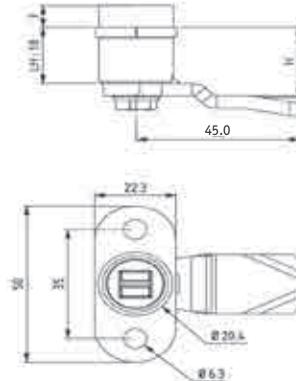
Housing: Stainless Steel (AISI 316)

Driver: Stainless Steel (AISI 316)

Cam: Stainless Steel (AISI 304)

Nut: Stainless Steel (AISI 304)

- Used for cabinets under vibration conditions
- IP65
- Left/right hand



All dimensions in mm

Part Number	Driver	Grip (H) (mm)	Standard Pack Quantity
860408830E	Railway	18	100
860408834E		24	100
860408836E		26	100

## Quarter Turn – Easy Fixing

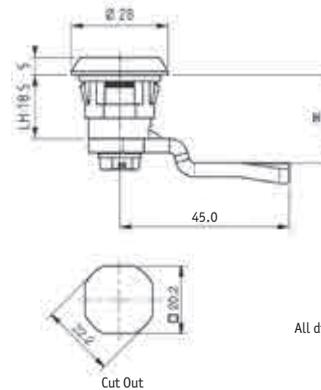
SR 5008

Housing: PA6 GFR 30

Driver: Zamak DIN-EN 1774-ZnAl4Cu1 or PA6 GFR 30

Cam: Steel or Plastic

- Easy assembly by clips
- Mounting nut not required
- Specially designed internal spring provides 1.5mm torsion
- Please contact Essentra Components for special colours



All dimensions in mm

Part Number		Panel Thickness (mm)	Driver	Grip Range (H) (mm)	Standard Pack Quantity	
Plastic Housing/Plastic Driver	Plastic Housing/Zamak Plastic Cover					
660120201560E	660120121560E	0.8 - 1.2	5mm Double Bit	8.5	100	
660120201538E	660120121538E			14.5	100	
660120201530E	660120121530E			18.5	100	
660120201533E	660120121533E			22.5	100	
660120201534E	660120121534E			24.5	100	
660120201536E	660120121536E			26.5	100	
660120201547E	660120121547E			28.5	100	
660120203860E	660120123860E			8.5	100	
660120203838E	660120123838E			14.5	100	
660120203830E	660120123830E		18.5	100		
660120203833E	660120123833E		22.5	100		
660120203834E	660120123834E		24.5	100		
660120203836E	660120123836E		26.5	100		
660120203847E	660120123847E		28.5	100		
660220201560E	660220121560E		1.2 - 1.5	5mm Double Bit	8.5	100
660220201538E	660220121538E				14.5	100
660220201530E	660220121530E				18.5	100
660220201533E	660220121533E				22.5	100
660220201534E	660220121534E	24.5			100	
660220201536E	660220121536E	26.5			100	
660220201547E	660220121547E	28.5		100		
660220203860E	660220123860E	8.5		100		
660220203838E	660220123838E	14.5		100		
660220203830E	660220123830E	18.5		100		
660220203833E	660220123833E	22.5		100		
660220203834E	660220123834E	24.5		100		
660220203836E	660220123836E	26.5		100		
660220203847E	660220123847E	28.5		100		

## Mini Quarter Turn – Easy Fixing

SR 5009

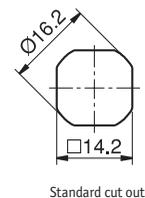
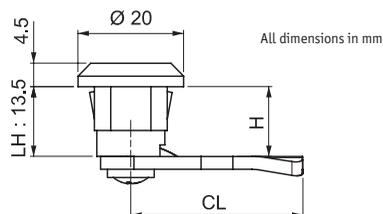
Housing: PA6 GFR 30

Driver: Zamak DIN-EN 1774-ZnAl4Cu1

Cam: Steel



- Left/right hand
- To fit a door thickness of 0.8mm -1.5mm
- Easy assembly by clips
- Specially designed internal spring provides 1mm torsion



Part Number			Head Style	Grip Range (H) (mm)	Standard Pack Quantity
Plastic Housing/Zamak Chrome Driver	Plastic Housing/Zamak Black Coated Driver	Plastic Housing/Plastic Driver			
366120112610E	366120122610E	366120202610E	6 mm square	13.5	100
366120112621E	366120122621E	366120202621E	6 mm square	19.5	100
366120112611E	366120122611E	366120202611E	6 mm square	20.5	100
366120113710E	366120123710E	366120203710E	7 mm Triangle	13.5	100
366120113721E	366120123721E	366120203721E	7 mm Triangle	19.5	100
366120113711E	366120123711E	366120203711E	7 mm Triangle	20.5	100
366120114210E	366120124210E	366120204210E	Slotted	13.5	100
366120114221E	366120124221E	366120204221E	Slotted	19.5	100
366120114211E	366120124211E	366120204211E	Slotted	20.5	100

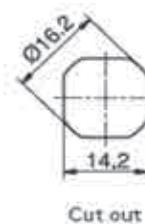
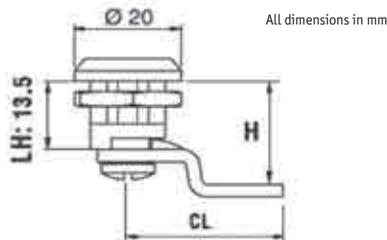
## Stainless Steel Mini Quarter Turn

SR 5010

Stainless Steel



- Specially designed internal spring provides 1mm of compression
- Sealing washer not supplied
- Left/right hand



Part Number	Head Style	Cam Length (CL) (mm)	Grip Range (mm)	Standard Pack Quantity
066402610E	6mm Square	33	13.5	100
066402620E	6mm Square	25	13.5	100
066402622E	6mm Square	25	7.5	100
066403710E	7mm Triangle	33	13.5	100
066403720E	7mm Triangle	25	13.5	100
066403722E	7mm Triangle	25	7.5	100
066404210E	Slotted	33	13.5	100
066404220E	Slotted	25	13.5	100
066404222E	Slotted	25	7.5	100

## Mini Quarter Turn Wing Knob - Easy Fixing

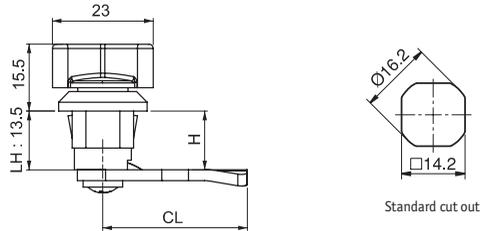
SR 5011

HOUSING: PA6 GFR 30

DRIVER: Zamak DIN-EN 1774-ZnAl4Cu1

CAM: Steel

- Easy assembly by clips
- 0.8mm - 1.5mm door thickness
- Specially designed internal spring provides 1 mm torsion
- Plastic Housing and Knob



Part Number	Grip Range (H) (mm)	Standard Pack Quantity
5661202010E	13.5	100
5661202021E	19.5	100
5661202011E	20.5	100

## Mini Cam Lock - Wing Knob

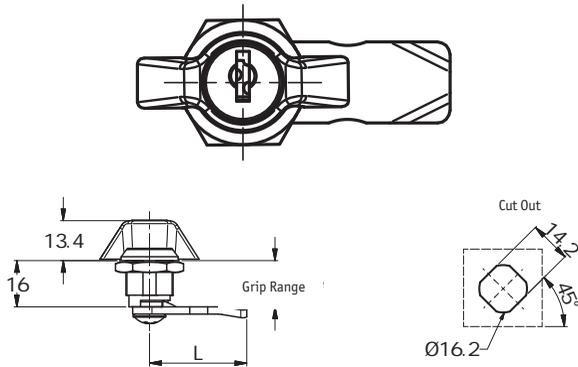
SR 5012

Housing: Zamak DIN-EN 1774-ZnAl4Cu1

Cam: Steel

Gasket: Rubber

- Quarter turn operation
- Suitable for small size cabinet



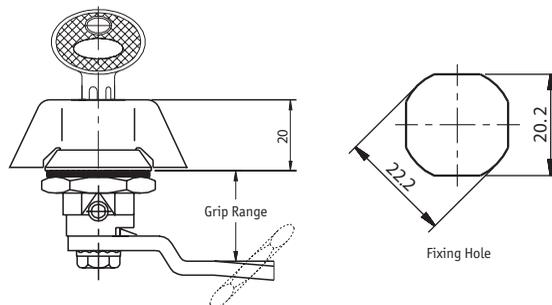
Part Number		Type	Grip Range (H) (mm)	L (mm)	Standard Pack Quantity
Chrome	Black Coated				
165110310	165120310	Keyed alike	16	33.0	50
165113210	165123210	Keyed differ	16	33.0	50

## Cylinder Cam Lock with Wing Knob

SR 5514

Die-Cast Zinc Alloy

- Supplied with two standard Euro Keys (5333)



All dimensions in mm

### Die-Cast-Zinc Alloy

Part Number		Grip Range (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated		
065110560E	065120560E	8.5	50
065110538E	065120538E	14.5	50
065110530E	065120530E	18.5	50
065110534E	065120534E	24.5	50
065110536E	065120536E	26.5	50
065110547E	065120547E	28.5	50

### Die-Cast Zinc Alloy over-moulded with Black Polyamide

Part Number	Grip Range (mm)	Standard Pack Quantity
065200560E	8.5	50
065200538E	14.5	50
065200530E	18.5	50
065200534E	24.5	50
065200536E	26.5	50
065200547E	28.5	50

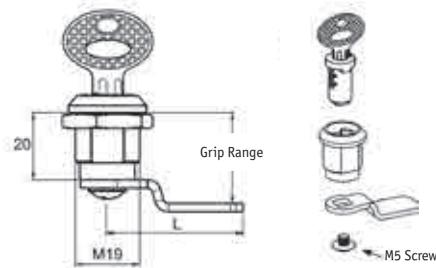
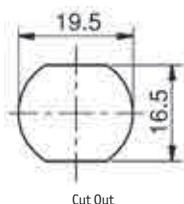
## Large Chrome Cam Locks

SR 5541

Body: Chrome Plated Die-Cast Zinc Alloy

Cam: Steel

- Large Cut Out compared to Mini Cams Locks
- Ideal for flight cases, steel cupboards and drawers
- Key rotation angle of 90 degree
- Supplied with two keys
- Available as keyed alike or keyed to differ



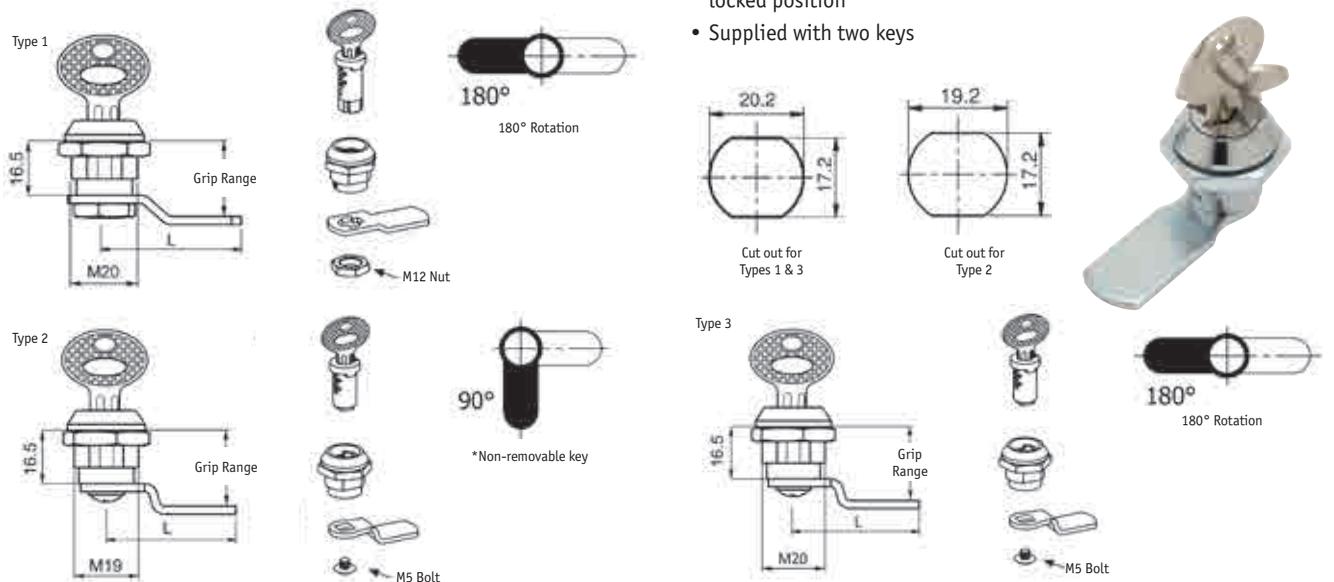
Part Number		Grip Range (mm)	L (mm)	Standard Pack Quantity
Keyed Alike	Keyed Differ			
250200130E	250200230E	20	33	100
250200150E	250200250E	20	43	100
250200151E	250200251E	27	40	100

## Cam Locks

SR 5542

Chrome Finish Die-Cast Zinc Alloy

- Type 1 is keyed different
- Type 2 has non-removable key
- Type 3 is keyed alike (5333) and key can only be removed in locked position
- Supplied with two keys



All dimensions in mm

Part Number	Type	Key Rotational Angle	Grip Range (mm)	L (mm)	Mounting Hole Size	Standard Pack Quantity
05010230E	1	180	16.5	33	M20	50
05010210E	1	180	16.5	38	M20	50
05010221E	1	180	23.5	47	M20	50
05070230E	2	90	16.5	33	M19	50
05070251E	2	90	23.5	40	M19	50
05010530E	3	180	16.5	33	M20	50
05030651E	3	180	23.5	40	M20	50

## Mini Cam Lock

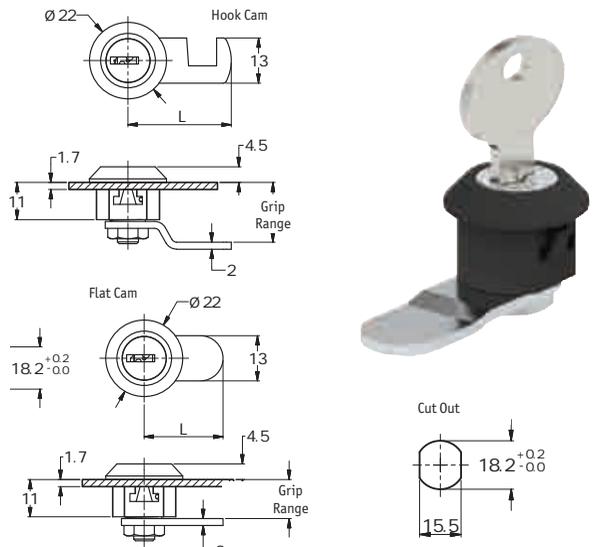
SR 5013

Housing: PA6 GFR 30

Cam: Steel

Finish: Chrome

- Easy assembly with clip on housing
- Ideal for metal drawers, metal cabinets and plastic boxes
- Come with a stainless steel dust cap

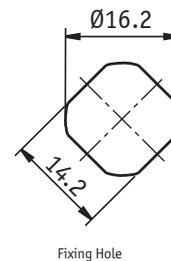
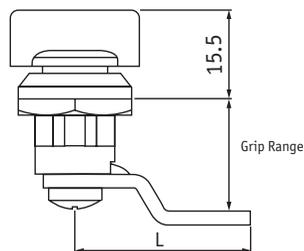


Part Number		Cam Type	Grip Range (mm)	L (mm)	Standard Pack Quantity
Keyed alike	Keyed differ				
2570327	2573227	Flat	11.0	16.0	50
2570329	2573229	Hook	17.0	30.0	50

## Mini Cam Locks with Wing Knobs

SR 5529

Die-Cast Zinc Alloy



All dimensions in mm

Part Number		Grip Range (mm)	L (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated			
1661110E	1661210E	13.5	33	50
1661111E	1661211E	20.5	30	50
1661121E	1661221E	19.5	25	50

## Mini Quarter Turn Latches with 45° Housing

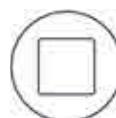
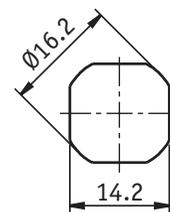
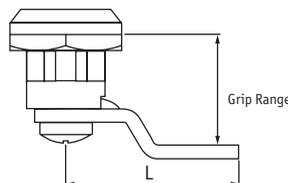
SR 5527

Die-Cast Zinc Alloy

- Specially designed internal spring provides 1mm of torsion
- Cam sits at a 45 degree angle to the housing



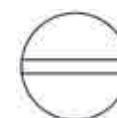
45° cut out



6mm Square



7mm Triangle



Slotted

Part Number		Head Style	Grip Range (mm)	L (mm)	Standard Pack Quantity
Chrome Plated	Black Coated				
266112610E	266122610E	6mm Square	13.5	33	50
266112611E	266122611E	6mm Square	20.5	30	50
266112621E	266122621E	6mm Square	19.5	25	50
266113710E	266123710E	7mm Triangle	13.5	33	50
266113711E	266123711E	7mm Triangle	20.5	30	50
266113721E	266123721E	7mm Triangle	19.5	25	50
266114210E	266124210E	Slotted	13.5	33	50
266114211E	266124211E	Slotted	20.5	30	50
266114221E	266124221E	Slotted	19.5	25	50

# Mini Quarter Turn Locks

SR 5528

Die-Cast Zinc Alloy

Type 1 – Fixed with lock nut



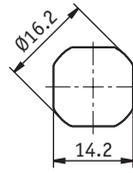
6mm Square



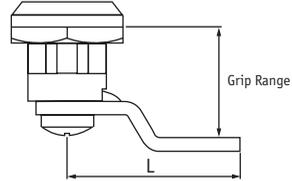
7mm Triangle



Slotted



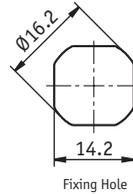
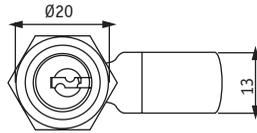
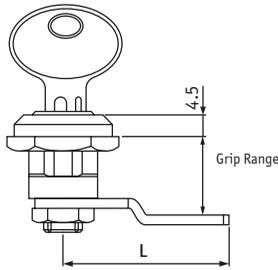
Fixing Hole



Type 1 with Spring Action

Part Number		Type	Head Style	Grip Range (mm)	L (mm)	Std Pack Qty
Chrome Plated	Black Powder Coated					
066112610E	066122610E	1	6mm Square	13.5	33	100
066112611E	066122611E	1	6mm Square	20.5	30	100
066112621E	066122621E	1	6mm Square	19.5	25	100
066113710E	066123710E	1	7mm Triangle	13.5	33	100
066113711E	066123711E	1	7mm Triangle	20.5	30	100
066113721E	066123721E	1	7mm Triangle	19.5	25	100
066114210E	066124210E	1	Slotted	13.5	33	100
066114211E	066124211E	1	Slotted	20.5	30	100
066114221E	066124221E	1	Slotted	19.5	25	100

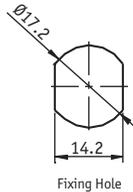
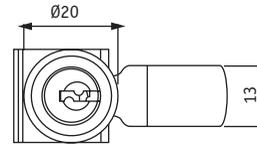
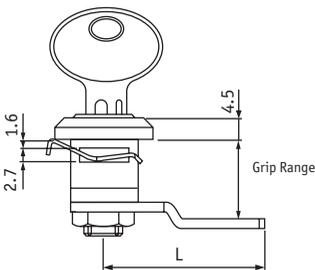
Type 2 – Fixed with nut



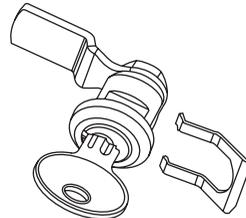
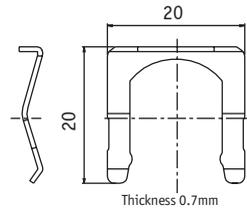
Fixing Hole



Type 3 – Fixed with clip



Fixing Hole



Types 2 and 3 without spring action and keyed alike

Chrome Plated

All dimensions in mm

Part Number	Type	Grip Range (mm)	L (mm)	Standard Pack Quantity
05710320E	2	13	31	100
05710321E	2	16	30	100
05710322E	2	20	26	100
05730320E	3	13	31	100
05730321E	3	16	30	100
05730322E	3	20	26	100

## Quarter Turn Lock – Padlockable

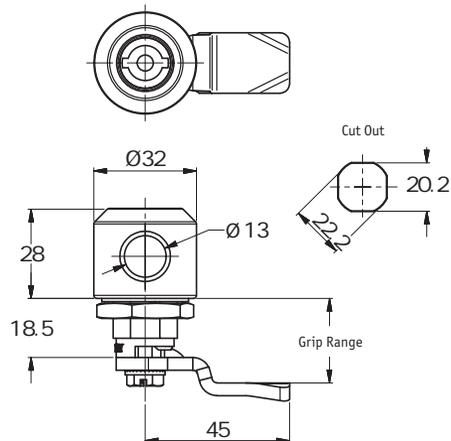
SR 5014

Housing/Driver: Zamak DIN-EN 1774-ZnAl4Cu1

Cam: Steel

Gasket: Rubber

- Padlockable version
- Ideal for electric panels, machinery covers



5mm Double Bit		7mm Triangular		Grip Range (mm)	Standard Pack Quantity
Chrome	Black Coated	Chrome	Black Coated		
26011111530	26012121530	26011113730	26012123730	18.5	40
26011111534	26012121534	26011113734	26012123734	24.5	40
26011111536	26012121536	26011113736	26012123736	26.5	40
26011111538	26012121538	26011113738	26012123738	14.5	40
26011111547	26012121547	26011113747	26012123747	28.5	40
26011111560	26012121560	26011113760	26012123760	8.5	40

CHECK OUT OUR RANGE OF **AUTOMATION AND CONTROL** PRODUCTS



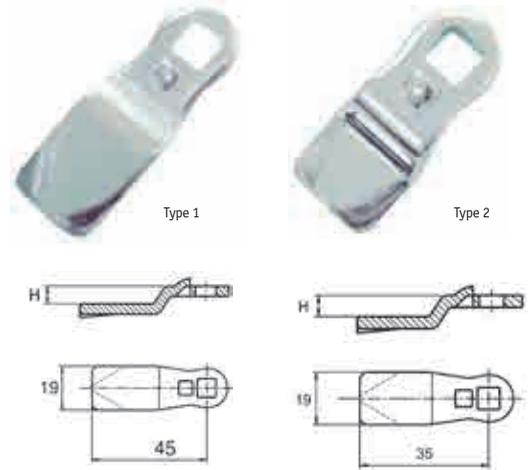
Pages 360-373

## Replacement Cams

SR 5533

Zinc Plated Steel

- Suitable for all standard quarter turns and cam locks
- Provide alternative grip range if used with pre-assembled locks
- Cams in this range are additional and all locks throughout the catalogue are provided with the cam stated for each SR range



### Cam 1: 45mm

Part Number	Type	Dimensions (mm)			Standard Pack Quantity
		H	Grip Range	Thickness	
30403063E	1	3	21.5*	4	250
30403149E	1	4	22.5*	4	250
30403169E	1	-2	16.5*	4	250
30403171E	1	-6	12.5*	4	250
30403172E	1	-8	10.5*	4	250

\* For SR 5514, 5518, 5522, 5523, 5525, 5530, 5532, 5537, 5560

### Cam 2: 35mm

Part Number	Type	Dimensions (mm)			Standard Pack Quantity
		H	Grip Range	Thickness	
30403189E	2	10	28.5 *	4	250
30403470E	2	6	24.5 *	4	250
30403185E	2	0	18.5 *	4	250
30403187E	2	-2	16.5 *	4	250

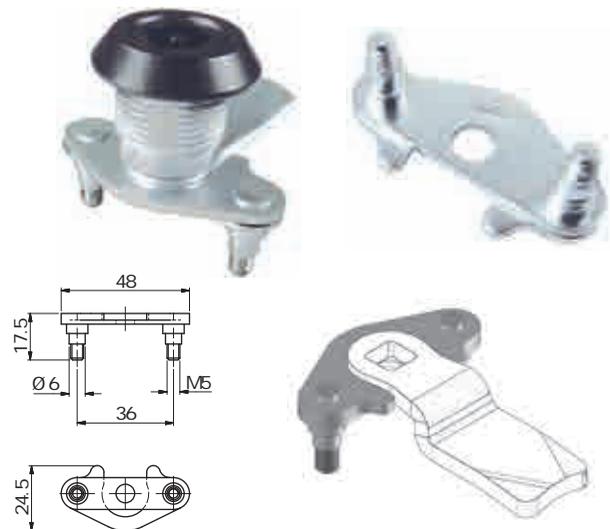
\* For SR 5514, 5518, 5522, 5523, 5525, 5530, 5532, 5537, 5560

## Actuator Plate

SR 5533

Zinc Plated Steel

- 3-point locking actuator plate
- Designed to fit with all standard cams, allowing for multiple locking points



Part Number	Standard Pack Quantity
30403499E	250

## Keys

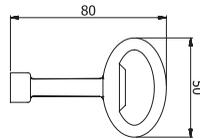
SR 5501

Chrome Plated Zinc Alloy or Polyamide

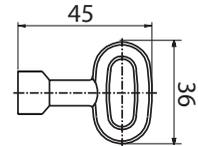
- Type 1: Large key for Quarter Turn Locks only
- Type 2: Small key for Mini Cam Locks and Quarter Turns



Type 1



Type 2



5mm Double Bit



3mm Double Bit



6mm Square



7mm Square



8mm Square



7mm Triangle



8mm Hexagon Security Key



Tubular Key



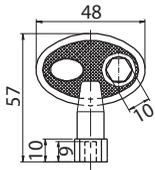
8mm Triangle



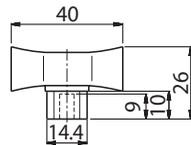
Special Cut Out



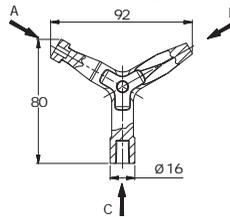
Type 3



Type 4



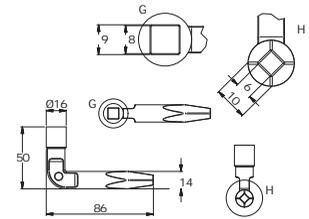
Type 5



Double Bit



Type 6



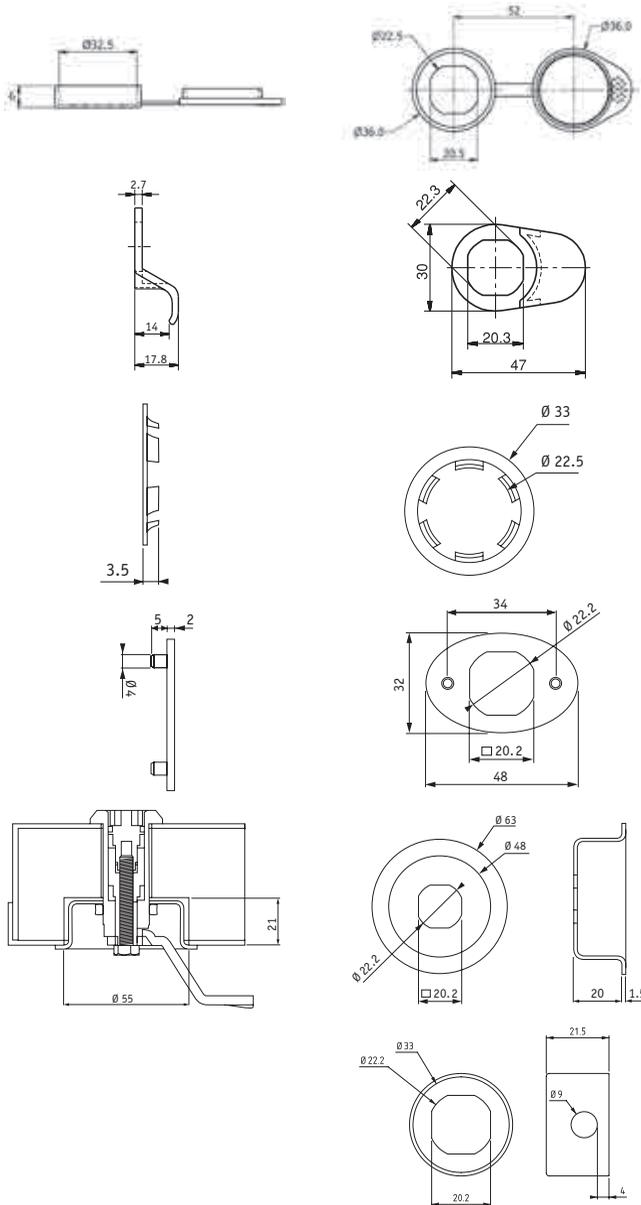
All dimensions in mm

Part Number	Head Style	Type	Material	Standard Pack Quantity
36894E	Special	1	Chrome Plated	50
36813E	3mm Double Bit	1	Chrome Plated	10
36815E	5mm Double Bit	1	Chrome Plated	10
36827E	7mm Square	1	Chrome Plated	10
36828E	8mm Square	1	Chrome Plated	10
36837E	7mm Triangle	1	Chrome Plated	10
36838E	8mm Triangle	1	Chrome Plated	10
36868E	8mm Hex. Security Key	1	Chrome Plated	10
06713E	3mm Double Bit	2	Chrome Plated	200
26715E	5mm Double Bit	2	Chrome Plated	200
06726E	6mm Square	2	Chrome Plated	200
06728E	8mm Square	2	Chrome Plated	200
06737E	6.5/7mm Triangle	2	Chrome Plated	200
06738E	8mm Triangle	2	Chrome Plated	100
16915E	5mm Double Bit	3	Polyamide	100
36912	Tubular Key	3	Chrome Plated	50
26915E	5mm Double Bit	4	Polyamide	250
30202333E	Euro Key (5333)	-	-	50
56813	5mm double bit, 8mm square, 5.1mm Railway	5	Chrome Plated	50
56913	Square, Railway	6	Chrome Plated	50

## Quarter Turn Accessories

SR 5533

- For use with all locks with a 20.2 x 22.2 fixing hole



Dust Cap



Lock Handle



Fixing Device 1



Fixing Device 2



Spacer



Padlock adapter

Part Number	Type	Material	Standard Pack Quantity
060A2E	Lock Handle	Polyamide	100
060A3E	Fixing Device 1	Spring Steel	250
060A5E	Fixing Device 2	Die Cast Zinc	250
060A6E	Spacer	Zinc Plated Steel	50
060A7E	Dust Cap	Polyurethane	100
060A8 E	Padlock Adapter	Steel	100

All dimensions in mm

## 'T' & 'L' Handle Locks

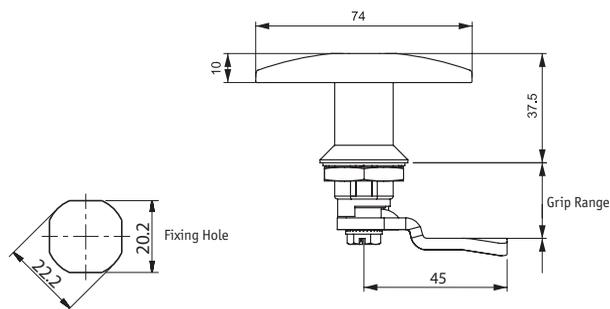
SR 5518

Body: Die-Cast Zinc Alloy with over-moulded black polyamide or chrome finish

Cam: Steel

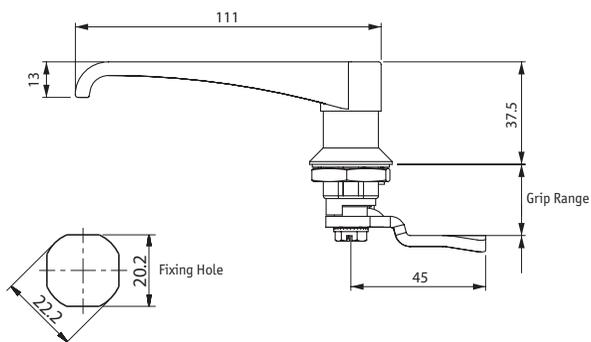


- Available as keyed alike (5333) or keyed different
- Supplied with two keys



### 'T' Handle Lock

Part Number				Grip Range (mm)	Standard Pack Quantity
Keyed Alike		Keyed Different			
Black PA Coated	Chrome	Black PA Coated	Chrome		
110200560E	110110560E	110120260E	110110260E	8.5	25
110200538E	110110538E	110120238E	110110238E	14.5	25
110200530E	110110530E	110120230E	110110230E	18.5	25
110200534E	110110534E	110120234E	110110234E	24.5	25
110200536E	110110536E	110120236E	110110236E	26.5	25
110200547E	110110547E	110120247E	110110247E	28.5	25



All dimensions in mm

### 'L' Handle Lock

Part Number				Grip Range (mm)	Standard Pack Quantity
Keyed Alike		Keyed Different			
Black PA Coated	Chrome	Black PA Coated	Chrome		
111200560E	111110560E	111120260E	111110260E	8.5	25
111200538E	111110538E	111120238E	111110238E	14.5	25
111200530E	111110530E	111120230E	111110230E	18.5	25
111200534E	111110534E	111120234E	111110234E	24.5	25
111200536E	111110536E	111120236E	111110236E	26.5	25
111200547E	111110547E	111120247E	111110247E	28.5	25

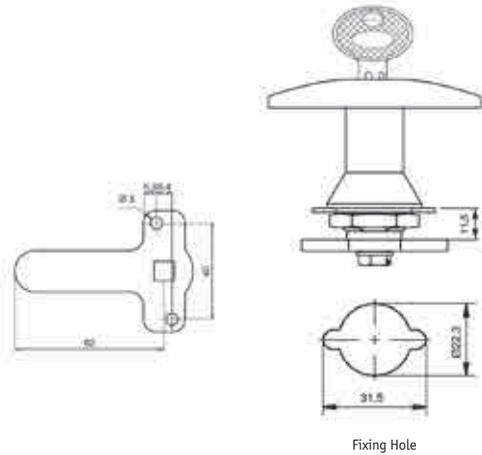
## 'T' & 'L' Handle Cabinet Locks

SR 5519

Body: Chrome Plated Die-Cast Zinc Alloy

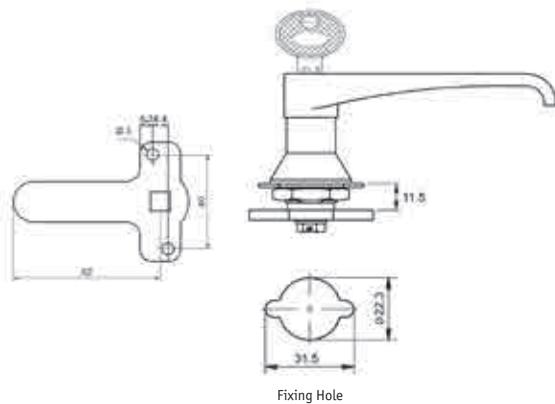
Cam: Steel

- Ideal for metal document cabinet
- Keyed different
- Supplied with two keys



### 'T' Handle Lock

Part Number	Style	Standard Pack Quantity
0101102001E	Right Hand	25
0101102002E	Left Hand	25



All dimensions in mm



### 'L' Handle Lock

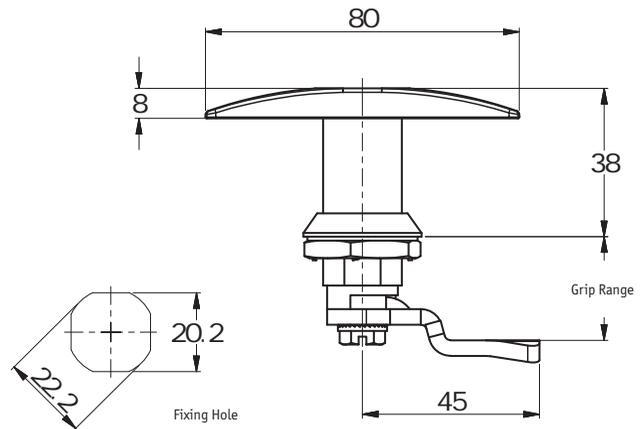
Part Number	Style	Standard Pack Quantity
0111102001E	Right Hand	25
0111102002E	Left Hand	25

## 'T' & 'L' Quarter Turn Blind Latch

SR 6414

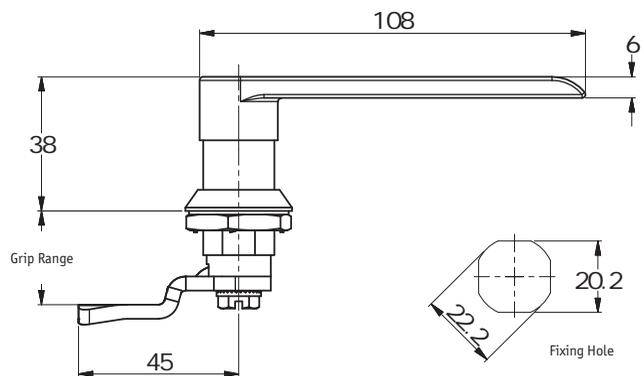
Stainless Steel 304

- Quarter turn operation



### T Handle Latch

Part Number	Grip Range (mm)	Standard Pack Quantity
110400060E	8.5	25
110400038E	14.5	25
110400030E	18.5	25
110400034E	24.5	25
110400036E	26.5	25
110400047E	28.5	25



### L Handle Latch

Part Number	Grip Range (mm)	Standard Pack Quantity
111400060E	8.5	25
111400060E	14.5	25
111400030E	18.5	25
111400034E	24.5	25
111400036E	26.5	25
111400047E	28.5	25

## Cupboard Locks

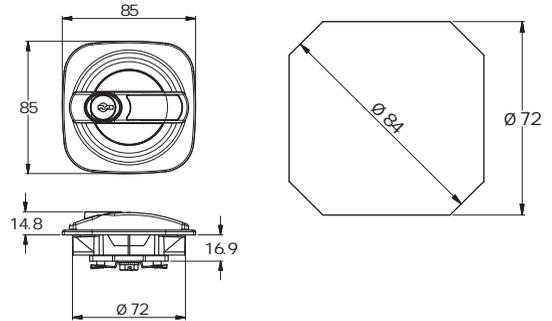
SR 5476

Die-Cast Zinc Alloy

- Steel knobbed cupboard lock with a plastic body
- Suitable for steel cupboards
- Rod assembly made easy by special fixing plate
- Clip on body aids assembly
- Includes stainless steel dust cap

Type 1 – Keyed Alike

Type 2 – Keyed Different



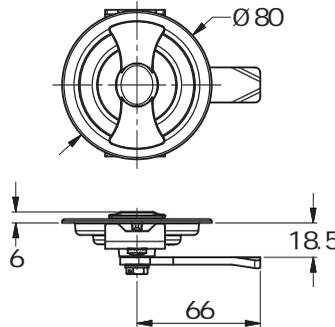
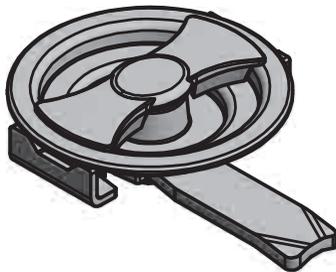
Part Number	Type	Finish	Standard Pack Quantity
03520110101E	1	Chrome	20
03520110201E	2	Chrome	20
03520120101E	1	Black Coated	20
03520120201E	2	Black Coated	20

## Heavy Duty Cabinet Locks

SR 5481

Die-Cast Zinc Alloy

- Specialised fixing plate ensures easy fixing
- Flush design provides flat surface on cabinet
- Chrome finish



Part Number	Grip Range (mm)	Standard Pack Quantity
0132111170E	18.5	2



## IP65 T Handle Heavy Duty Lock - Padlockable

SR 5015

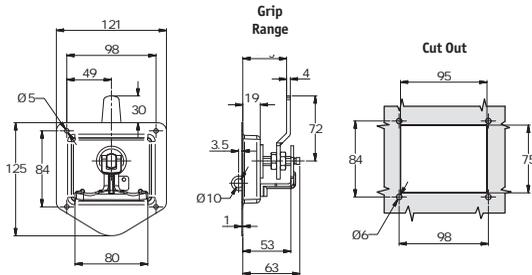
Body: Stainless Steel

Handle: Zamak DIN-EN 1774-ZnAl4Cu1

Pad Lock Hasp: Stainless Steel

Cam: Steel

- Suitable for special equipment cases
- Adjustable cam provides different grip range
- Maximum padlock shackle diameter 9 mm



Part Number	Grip Range (mm)	Standard Pack Quantity
11540	39.0 to 54.0	5

## IP65 T Handle Heavy Duty Lock

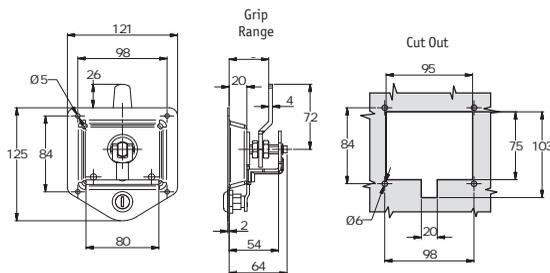
SR 5016

Body: Stainless Steel

Handle: Zamak DIN-EN 1774-ZnAl4Cu1

Cam: Steel

- Suitable for special equipment cases
- Adjustable cam provides different grip range



Part Number	Grip Range (mm)	Standard Pack Quantity
21500	39.0 to 54.0	5

## Sliding Lock

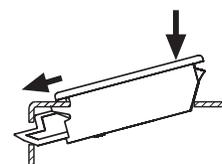
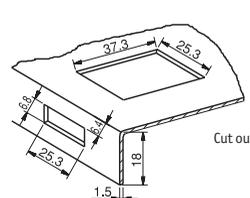
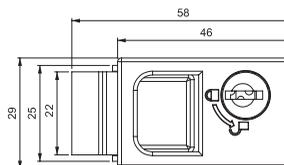
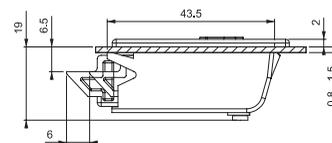
SR 5017

Body: PA6 GFR 30

Spring: Stainless steel

Cylinder: Zamak DIN-EN 1774-ZnAl4Cu1

- Cylinder locking system
- Two piece design prevents paint problems on doors
- Suitable for small size doors
- Easy assembly is possible with clips on the body
- Panel thicknesses of 0.8mm - 1.5mm



Follow the arrows instruction for assembly  
Open or close supplied by internal movable parts

Part Number	Key Type	Standard Pack Quantity
57103E	Alike	100
57132E	Differ	100

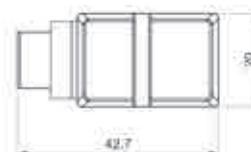
## Mini Sliding Lock

SR 5018

Body: ABS

Spring: Stainless steel

- Suitable for small doors inside panels
- Suitable for panel thicknesses of 0.8mm to 1.5mm



Part Number	Panel Thickness (mm)	Standard Pack Quantity
47112E	0.8 - 1.2	250
47115E	1.2 - 1.5	250

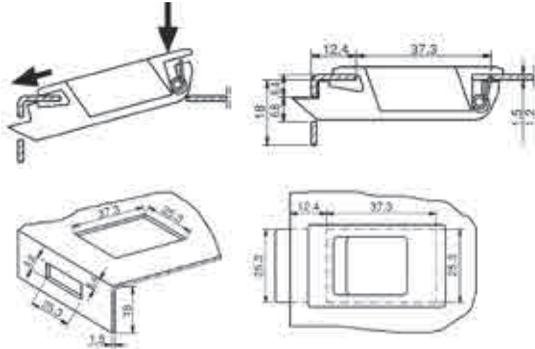
## Sliding Locks

SR 5539

Body: ABS

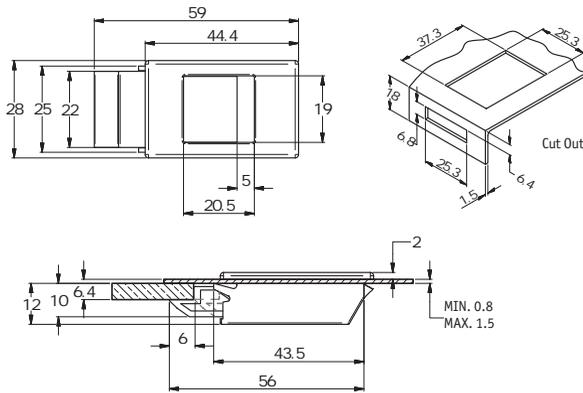
Spring: Stainless Steel

- Easy fixing
- Quick slide movement releases catch
- Mini Lock suitable for small panel doors



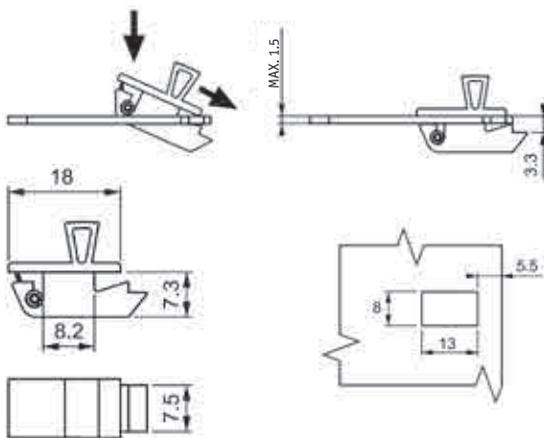
Sliding Lock

Part Number	Max Panel Thickness (mm)	Standard Pack Quantity
07112E	1.2	250
07115E	1.5	250



Sliding Lock - 2 parts mechanism

Part Number	Max Panel Thickness (mm)	Standard Pack Quantity
271	1.5	250



Mini Sliding Lock

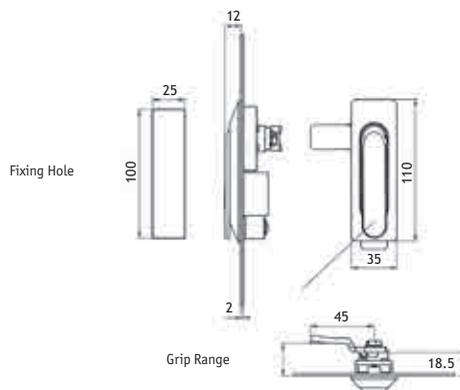
Part Number	Max Panel Thickness (mm)	Standard Pack Quantity
171E	1.5	250

## Small Swing Handles

SR 5537



- Available with no lock, keyed alike or keyed different
- Keyed versions come supplied with two keys
- Keyed versions have a stainless steel dust cover on the lock



Type 4 & 5

No Lock	Part Number		Type	Grip Range (mm)	Body Material	Handle Material	Standard Pack Quantity
	Keyed Alike	Keyed to Differ					
031820234E	-	-	4	24.5	Polyamide	Polyamide	5
031820236E	-	-	4	26.5	Polyamide	Polyamide	5
3182020047E	-	-	4	28.5	Polyamide	Polyamide	25
-	3081220534E	3081223234E	5	24.5	Polyamide	Die Cast Zinc Alloy	5
-	03081220536E	3081223236E	5	26.5	Polyamide	Die Cast Zinc Alloy	5
-	3081220547E	3081223247E	5	28.5	Polyamide	Die Cast Zinc Alloy	5
-	03082020534E	3082023234E	5	24.5	Polyamide	Polyamide	5
-	03082020536E	3082023236E	5	26.5	Polyamide	Polyamide	5
-	03082020547E	3082023247E	5	28.5	Polyamide	Polyamide	5

## Swing Handle

SR 5019

Body: Polyamide DIN-EN ISO 1043-1 PA6 GFR30

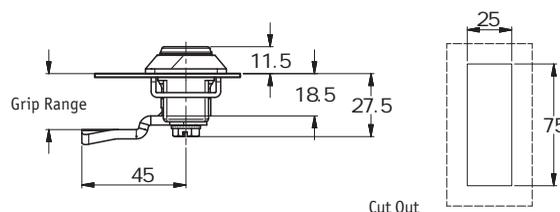
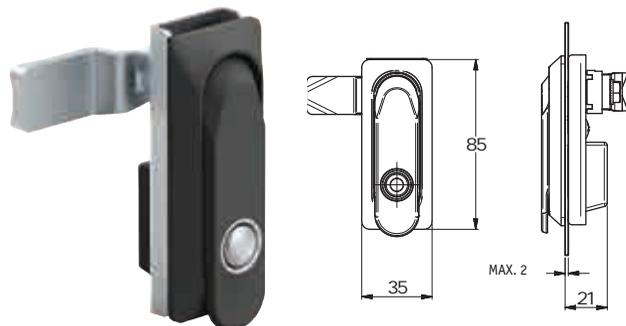
Handle: Polyamide DIN-EN ISO 1043-1 PA6 GFR30

Button: Zamak DIN-EN 1774-ZnAl4Cu 1

Cam: Steel

Seal: Rubber

- Can be used for internal applications
- The lock can be opened by pressing the button
- Ideal for electric panels, machinery covers and rack cabinets
- No key



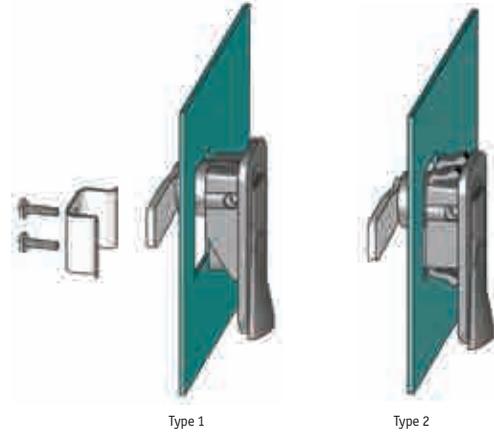
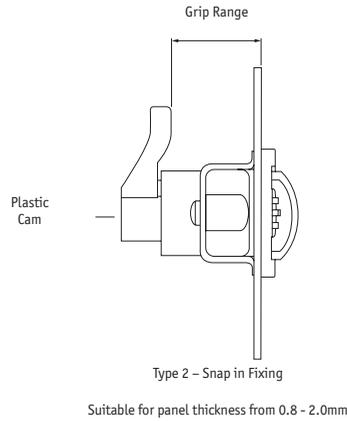
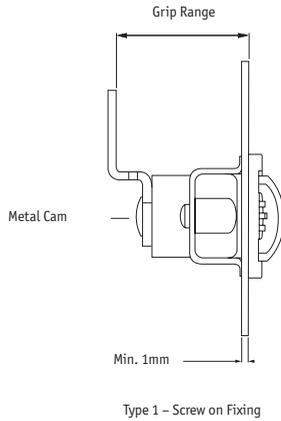
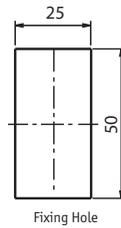
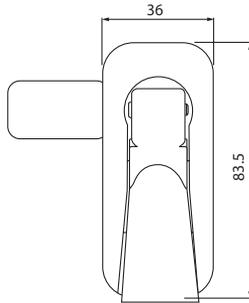
Part Number		Grip Range (mm)	Standard Pack Quantity
Chrome	Black Coated		
708201134	708201234	24.5	25
708201136	708201236	26.5	25
708201147	708201247	28.5	25

## Lift & Turn Cam Latches

SR 5512

### Polyamide Body

- Low profile handle stows away when not in use
- 90° rotation
- Simple assembly using bracket or snap in fixing



All dimensions in mm

Part Number		Type	Grip Range (mm)	Cam Length (mm)	Cam Type	Standard Pack Quantity
Right Hand Door	Left Hand Door					
072180001E	072180002E	1	25	25	Plastic	50
072150001E	072150002E	1	29	43	Steel	50
072151001E	072151002E	1	36	40	Steel	50
072152001E	072152002E	1	39	37	Steel	50
072280001E	072280002E	2	25	25	Plastic	50
072250001E	072250002E	2	29	43	Steel	50
072251001E	072251002E	2	36	40	Steel	50
072252001E	072252002E	2	39	37	Steel	50

## Large Swing Handles

### SR 5537

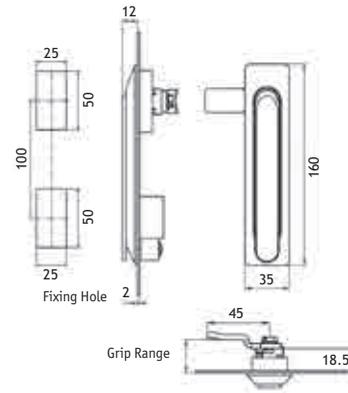
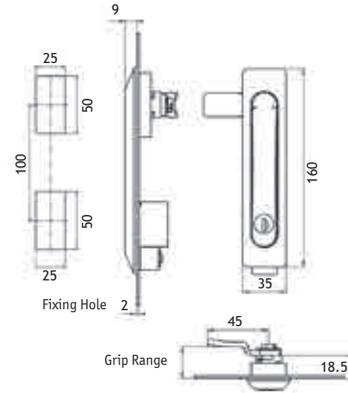
- Type 1 - Metal body handle is durable and secure
- Type 2 - All plastic version
- Available as keyed alike (5333) or keyed different
- Keyed versions have a stainless steel keyhole cover
- Slam action spring-loaded handle
- Can be used indoors or outdoors
- Ideal for cabinets and enclosures



Type 1



Type 2



#### Type 1

Part Number		Chrome		Grip Range (mm)	Body Material	Handle Material	Standard Pack Quantity
Keyed Alike	Keyed Different	Keyed Alike	Keyed Different				
108220534E	108223234E	-	-	24.5	Polyamide	Die-cast Zinc Alloy	25
108220536E	108223236E	-	-	26.5	Polyamide	Die-cast Zinc Alloy	25
108220547E	108223247E	-	-	28.5	Polyamide	Die-cast Zinc Alloy	25
10812120534E	10812123234E	10811110534E	10811113234E	24.5	Die-cast Zinc Alloy	Die-cast Zinc Alloy	25
10812120536E	10812123236E	10811110536E	10811113236E	26.5	Die-cast Zinc Alloy	Die-cast Zinc Alloy	25
10812120547E	10812123247E	10811110547E	10811113247E	28.5	Die-cast Zinc Alloy	Die-cast Zinc Alloy	25

#### Type 2

Part Number			Grip Range (mm)	Body Material	Handle Material	Standard Pack Quantity
Keyed Alike	Keyed Different	No Lock				
208200534E	208203234E	2182034E	24.5	Polyamide	Polyamide	25
208200536E	208203236E	2182036E	26.5	Polyamide	Polyamide	25
208200547E	208203247E	2182047E	28.5	Polyamide	Polyamide	25

## Swell Lock

SR 5022

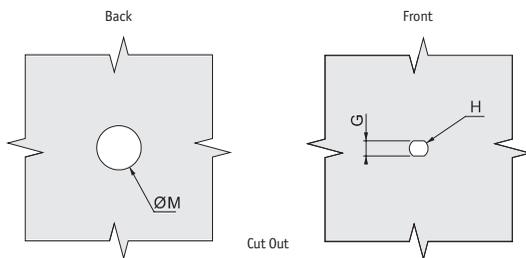
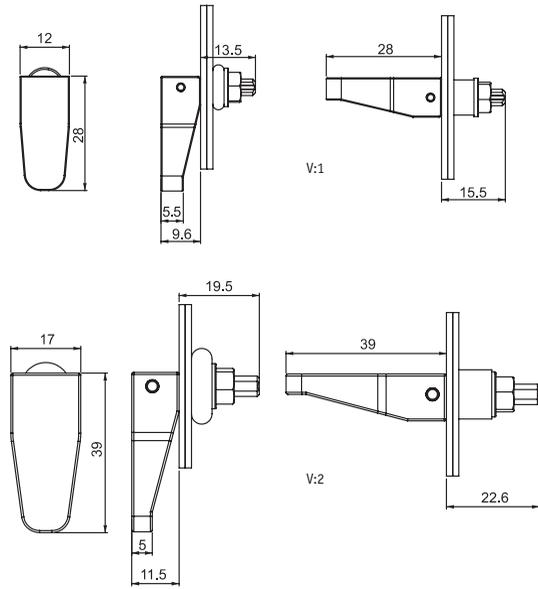
Handle: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

Washer: PA66

Nut: PA66

Bushing: SBR Rubber

- Used for the cabinets that require better performance under vibration conditions
- Suitable with special cut out for different frame thickness



Part Number		Dimension (mm)				Standard Pack Quantity
V:1	V:2	G	H	Frame Thickness	Cut Out	
270201E	270201E	3.3	4.1	3.2	9.5	50
270202E	270202E	4.5	5.8	up to 3.2 3.2 - 4.8	13.5 14	50

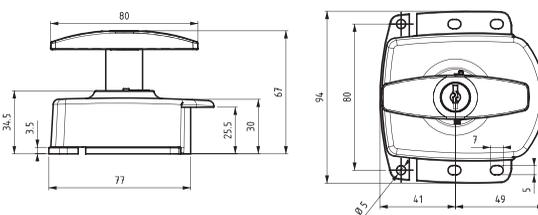
## HVAC Lock Handles

SR 5020

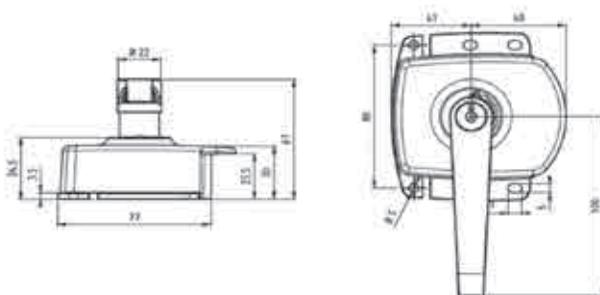
Body: Zamak DIN-EN 1774-ZnAl4Cu1

Handle: Zamak DIN-EN 1774-ZnAl4C or PA6 GFR 30

- Outside locking system provides safety for pressurised doors



V:1



V:2

Part Number		Driver	Standard Pack Quantity
V:1	V:2		
612110121200E	612111121200E	No Cylinder	10
612110121203E	612111121203E	Euro Key	10

## Trigger Latch

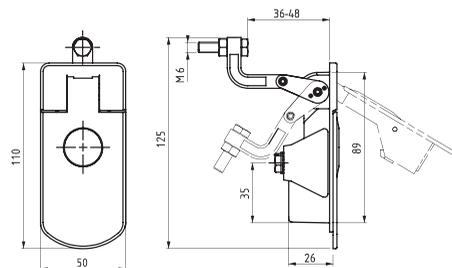
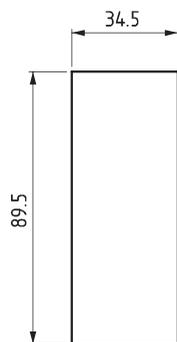
SR 5021

Body: Zamak DIN-EN 1774-ZnAl4Cu1

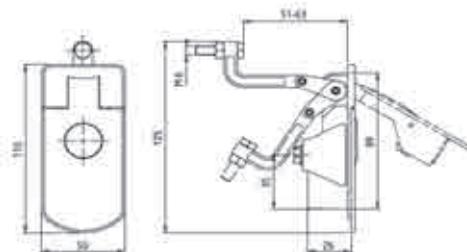
Handle: Zamak DIN-EN 1774-ZnAl4Cu1

Fixing Bracket: Steel

- Available with or without cylinder
- 36mm to 48mm grip adjustment
- Suitable for maximum 2mm door thickness
- Assemble lock with one fixing bracket



V:1



V:2

Part Number		Driver	Standard Pack Quantity
V:1	V:2		
3771200E	3772200E	No Cylinder	10
3771207E	3772207E	CH751 (SS dust cap)	10

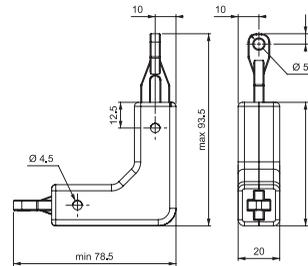
## Rod Corner Control

**Body:** Polyamide PA6 GFR 30

**Rods:** Zamak DIN-EN 1774-ZnAl4Cu1

- Used to convert the vertical movement of the flat rods to horizontal movement
- 8-point locking is possible for security reasons

Part Number	Standard Pack Quantity
RCCE	100



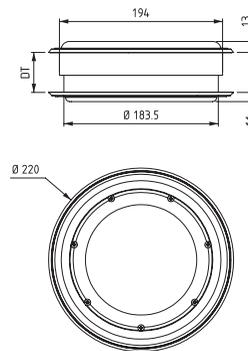
## Circular Inspection Window

**Window:** Polycarbon

**Gasket:** Termo rubber

- Visual inspection of HVAC enclosures
- Adjustable for 30-60 mm isolated doors

Part Number	DT (mm)	Standard Pack Quantity
22203E	30	10
22204E	40	10
22205E	50	10
22206E	60	10



## Clamps

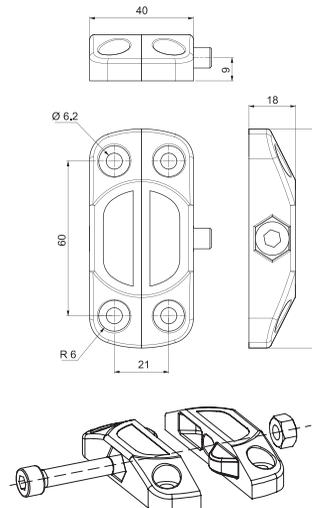
**Body:** Zamak DIN-EN 1774-ZnAl4Cu1

**Bolt:** Steel

**Nut:** Steel

- Available in all die-cast zinc alloy
- 3D capability
- High mechanical resistance

Part Number	Finish	Standard Pack Quantity
07810E	No Finish	50
07813E	Zinc Plated	50
07812E	Black Coated	50

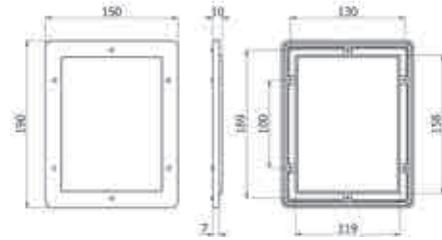


## Counter Screens/Inspection Window

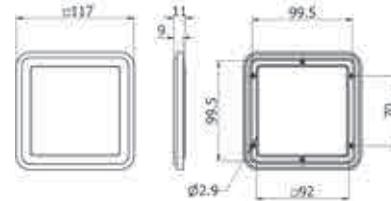
SR 5570

ABS

- Allows counters, dials and instruments to be viewed from outside the enclosure
- Supplied with a sealing O-ring



Large



Small

Part Number	Type	Standard Pack Quality
2215E	Small	10
2216E	Large	10

## Drawing Pocket

SR 5522

Beige ABS

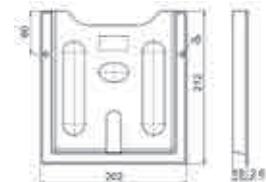
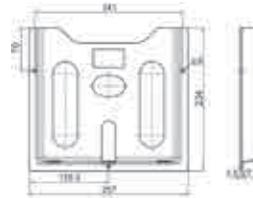
- Type 1: For use with A4 size documents
- Type 2: For use with A5 size documents
- Self-adhesive strips for quick attachment
- Typical applications include machinery covers and electric panels

Type 1

Type 2

Type 1

Type 2



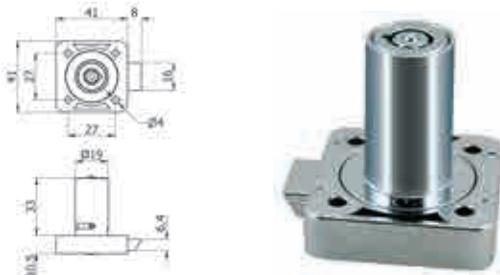
Part Number	Type	Style	Standard Pack Quality
2150E	1	A4	50
2152E	2	A5	100

### Drawer Lock, Sprung Bolt

SR 1887

Die-Cast Zinc Alloy

- High security, rim/surface fixing, sprung latch, slam shut drawer lock
- Recommended for wooden drawers
- For added security, the lock has an anti-drill centre and the key is removable only in the locked position



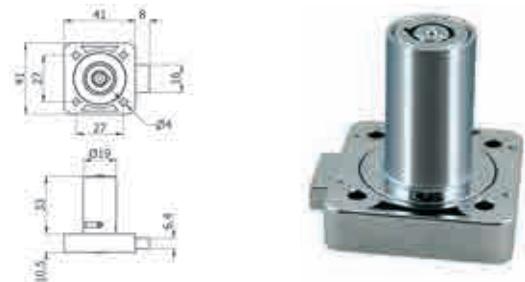
Part Number	Keying	Standard Pack Quantity
492858	Keyed alike	5

### Drawer Lock, Dead Bolt

SR 1887

Die-Cast Zinc Alloy

- High security, rim/surface-fixing drawer lock
- Recommended for wooden drawers used to store valuable documents
- For added security, the lock has an anti-drill centre and the key is removable only in the locked position



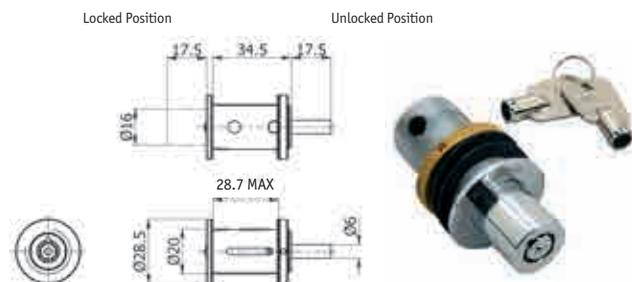
Part Number	Keying	Standard Pack Quantity
492856	Keyed alike	5

### Pull Lock for Glass Doors

SR 1887

Die-Cast Zinc Alloy

- Fitted to the rear-most of two sliding glass doors, the inner body springs forward to prevent the doors opening
- Ideal for display cases containing high value items
- Also suitable for glass-fronted notice boards, etc
- The lock has an anti-drill centre



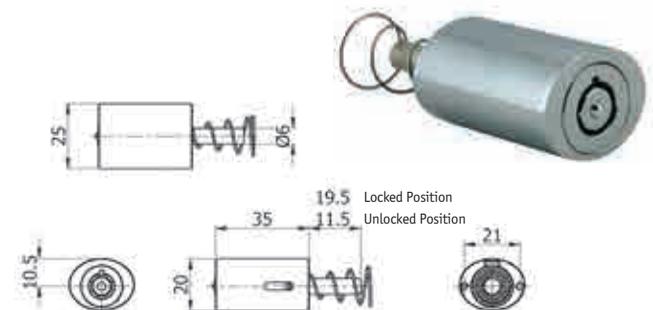
Part Number	Keying	Standard Pack Quantity
492860	Keyed alike	5

### Bottom Rail Pushlock

SR 1887

Die-Cast Zinc Alloy

- Locks through the bottom rail of a sliding glass door
- The 'push to lock' action saves time in busy retail environments
- For added security, the lock has an anti-drill centre



Part Number	Keying	Standard Pack Quantity
492862	Keyed alike	5

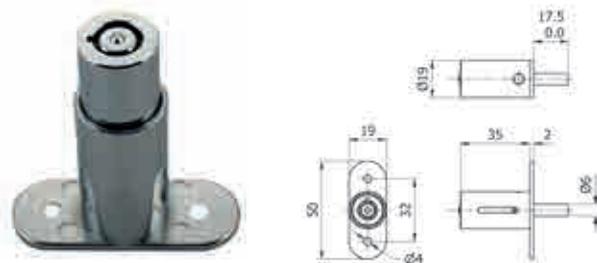
# DISPLAY LOCKS

## Pushlock, Flange Fixing

SR 1887

Die-Cast Zinc Alloy

- Designed specifically for sliding wooden doors, this pushlock is ideal for stock cupboards, counter units and wooden display cabinets
- The 'push to lock' action saves time in busy retail environments
- Offers a good level of security and has an anti-drill centre



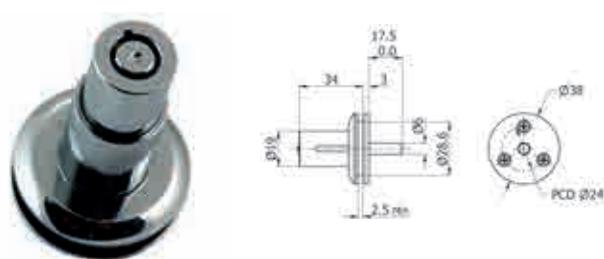
Part Number	Keying	Standard Pack Quantity
492864	Keyed alike	5

## Pushlock for Glass Doors

SR 1887

Die-Cast Zinc Alloy

- A stylish pushlock offering a good level of security for sliding glass doors
- Ideal for display cases containing high value items
- The 'push to lock' action saves time in busy retail environments
- Lock has an anti-drill centre



Part Number	Keying	Standard Pack Quantity
492866	Keyed alike	5

## Replacement Keys

SR 1887

Steel

- Should the tubular key to one of the locks be lost or stolen, or you would find it useful to have a spare, we can supply an accurate copy of the original
- For use with SR1887



Part Number	Standard Pack Quantity
492867	2

## Key Tags

SR 1887

Plastic

- Very economical plastic key tag with inlay card, window and metal split ring
- Helps with good key management and security in retail premises
- Eight assorted colours



Part Number	Standard Pack Quantity
492905	100

## Furniture Locks

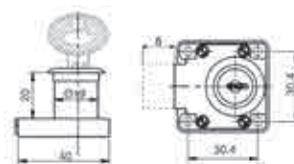
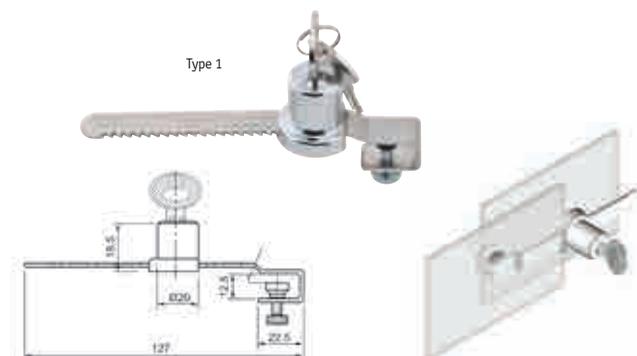
SR 5543

**Type 1: Chrome Plated Steel body with Stainless Steel Slide**

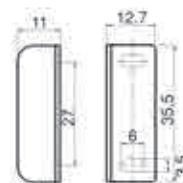
- Max. panel thickness = 6mm

**Type 2 & 3: Chrome Plated Steel**

- Type 1: Ideal for glass doors
- Type 2: Wooden furniture locks suitable for drawers, cupboards, etc.
- Keyed different



Type 3



Type 2

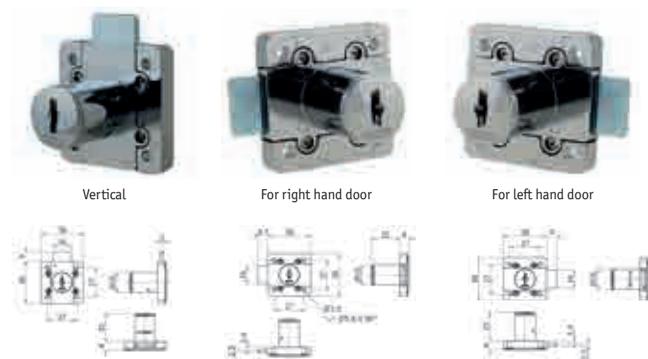
Part Number	Type	Style	Standard Pack Quantity
02002E	1	Glass Door Lock	25
03202E	2	Wooden Lock	25
030A1E	3	Lock Catch	1000

## Rim Lock

SR 1887

**Die-Cast Zinc Alloy**

- A stylish lock for drawers, cabinets and hinged doors
- Offers above-average security for its type with 500 key combinations
- 2.5mm thick steel locking bolt and a removable lock cylinder



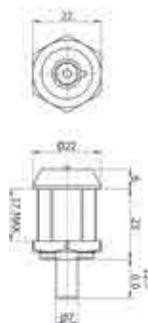
Part Number	Type	Keying	Standard Pack Quantity
492872	Vertical bolt throw	Keyed alike	5
492873	Vertical bolt throw	Keyed to differ	5
492874	For right hand doors	Keyed alike	5
492875	For right hand doors	Keyed to differ	5
492876	For left hand doors	Keyed alike	5
492877	For left hand doors	Keyed to differ	5

## Pushlock, Nut Fixing

SR 1887

**Die-Cast Zinc Alloy**

- Radial pin tumbler lock offers a convenient 'push to lock, key to open' operation
- Fits a standard 19mm x 16mm 'double D' hole
- Suitable for applications such as sliding doors, display cabinets, security grilles and shutters
- Features enhanced key security and an anti-drill centre



Part Number	Keying	Standard Pack Quantity
492868	Keyed alike	5
492869	Keyed to differ	5

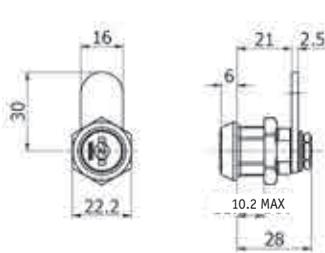


### Cam Lock, 10 Disc Tumbler

SR 1887

Die-Cast Zinc Alloy

- Provides above-average security for cabinets, lockers, display units, stock cupboards, etc.
- 1,000 key combinations available
- The locking/unlocking action prevents the cam from falling back under its own weight if keys are left in the lock
- Fits a standard 'double D' mounting hole, using the fixing nut
- Refer to page 420 for cam style



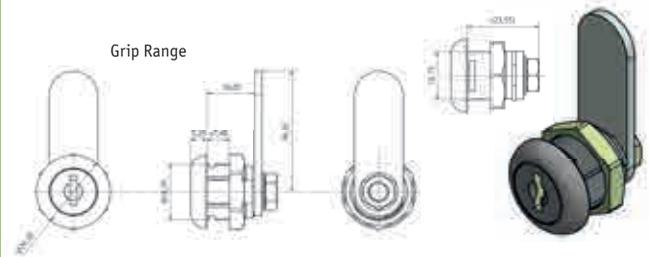
Part Number	Keying	Cam Type	Standard Pack Quantity
492889	Keyed alike	Type 2	10
492890	Keyed to differ	Type 2	10

### Cam Lock, 5 Disc Tumbler

SR 1887

Die-Cast Zinc Alloy

- A budget priced disc tumbler lock for use where low cost is of greater consideration than high security
- Offers 200 different key combinations
- Manufactured from die-cast alloy and has a stainless steel cap
- Refer to page 420 for cam style



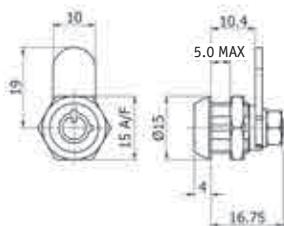
Part Number	Grip Range (mm)	Keying	Cam Type	Standard Pack Quantity
492883	16.0	Keyed alike	Type 2	10
492884	16.0	Keyed to differ	Type 2	10
492885	23.0	Keyed alike	Type 2	10
492886	23.0	Keyed to differ	Type 2	10
492887	30.0	Keyed alike	Type 2	10
492888	30.0	Keyed to differ	Type 2	10

### Miniature Cam Lock, Radial Pin Tumbler

SR 1887

Die-cast Alloy

- A cam lock offering full security and functionality for applications where space is limited
- Suitable for use on cabinets, display units, stock cupboards and other applications with doors, panels or flaps that need to be secured



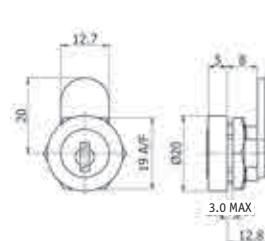
Part Number	Keying	Standard Pack Quantity
492893	Keyed alike	25

### Miniature Cam Lock, 5 Disc Tumbler

SR 1887

Die-cast Alloy

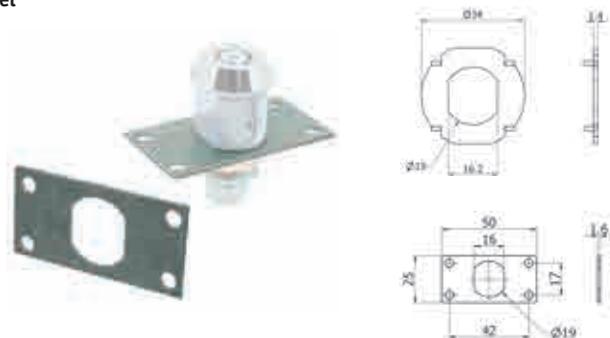
- A cam lock that delivers surprising versatility in such a small package
- Suitable for use on low security cabinets, display units, stock cupboards and other applications with doors, panels or flaps that need to be secured
- 200 different key combinations are produced



Part Number	Keying	Cam Type	Standard Pack Quantity
492891	Keyed alike	20mm flat	25
492892	Keyed to differ	20mm flat	25

## Cam Lock Wood Washer and Cam Lock Locating Plate

SR 1887  
Steel

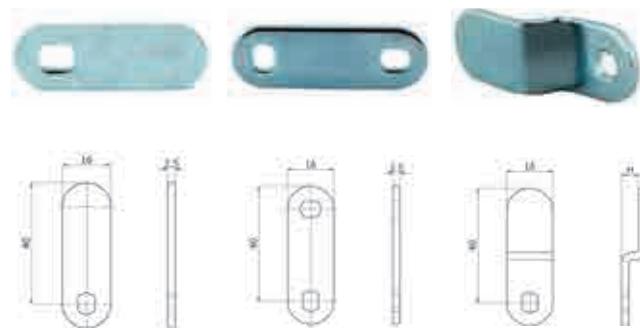


- The wood washer prevents a cam lock from rotating in wooden applications where it is convenient to drill a round hole for fitting the lock
- The locating or mounting plate is steel and enables a cam lock with a 19mm x 15.9mm 'double D' profile to be fixed securely
- Supplied in packs of 50

Part Number	Part Name	Standard Pack Quantity
492903	Cam Lock Wood Washer	50
492904	Cam Lock Locating Plate	50

## Alternative Steel Cams, Type 1

SR 1887  
Steel

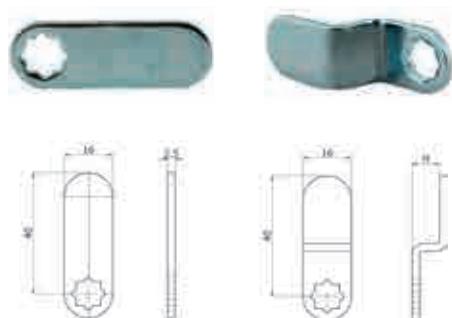


- To fit Part number 492878 through to 492882
- Zinc plated to resist corrosion
- Cranked cams are used to increase or decrease the 'effective length' of the cam lock
- Part number 492895 has both a vertical and a horizontal hole to allow fitting at all four 'quarter hour' positions

Part Number	Description	Standard Pack Quantity
492894	Flat; vertical hole	50
492896	3mm crank	50
492897	6mm crank	50
492898	9mm crank	50

## Alternative Steel Cams, Type 2

SR 1887  
Steel



- To fit part number 492883 through to 492890
- Zinc plated to resist corrosion
- Cranked cams are used to increase or decrease the 'effective length' of the cam lock

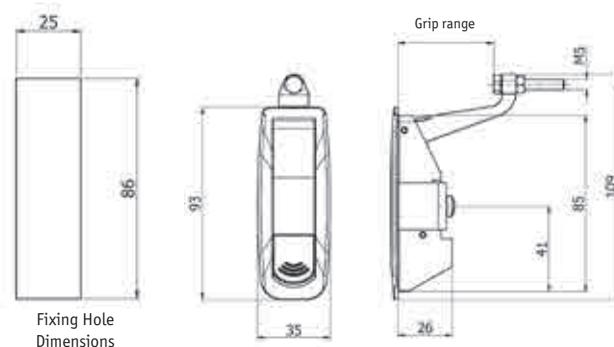
Part Number	Description	Standard Pack Quantity
492899	Flat; vertical hole	50
492900	3mm crank	50
492901	9mm crank	50
492902	12mm crank	50

## Flush Trigger Handle Latches

SR 5090

Black Powder-Coated Die-cast Zinc

- Flush trigger design
- 0-24mm or 24-46mm adjustable grip range
- Available as keyed alike (5333), keyed different or no lock
- Supplied with two keys per lock
- Suitable for panel thickness of  $\leq 2\text{mm}$



Fixing Hole Dimensions

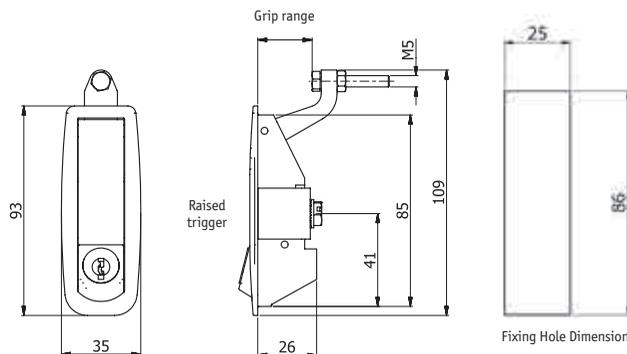
Part Number	Grip Range (mm)	Locking Mechanism	Standard Pack Quantity
0772200E	0-24	No	40
0772201E	0-24	Keyed Alike	40
0772202E	0-24	Keyed Different	40
0771200E	24-46	No	40
0771201E	24-46	Keyed Alike	40
0771202E	24-46	Keyed Different	40

## Raised Trigger Handle Latches

SR 5090

Black Powder-Coated Die-cast Zinc

- Raised trigger design
- 0-24mm or 24-46mm adjustable grip range
- Available as keyed alike (5333), keyed different or no lock
- Supplied with two keys per lock
- Suitable for panel thickness of  $\leq 2\text{mm}$



Fixing Hole Dimensions

Part Number	Grip Range (mm)	Locking Mechanism	Standard Pack Quantity
1772200E	0-24	No	40
1772201E	0-24	Keyed Alike	40
1772202E	0-24	Keyed Different	40
1771200E	24-46	No	40
1771201E	24-46	Keyed Alike	40
1771202E	24-46	Keyed Different	40

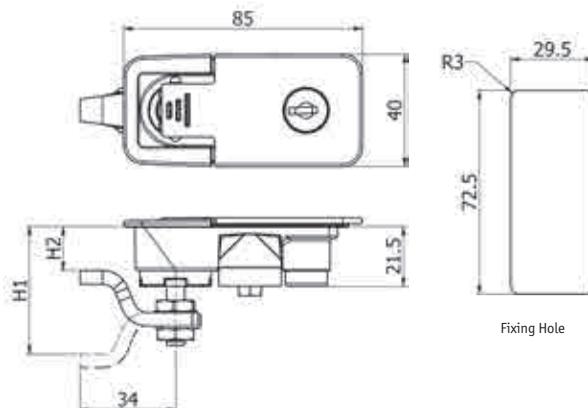
# COMPRESSION LOCKS

## Lift and Turn Compression Latch

SR 5435

**Black Powder Coated Zinc Alloy**

- Lift and turn operation
- 3mm compression action
- Can be forward (H1) or reversed (H2)
- Simple grip range adjustment
- Locking version supplied with 2 keys (CH751)
- To suit 1-3.5mm panel thickness



Fixing Hole

Part Number	Dimensions (mm)		Locking Mechanism	Standard Pack Quantity
	H <sub>2</sub>	H <sub>1</sub>		
493590	6.0 - 16.0	56.0 - 66.0	Ch751	5
493591	16.0 - 26.0	46.0 - 56.0	Ch751	5
493592	6.0 - 16.0	56.0 - 66.0	Non Locking	5
493593	16.0 - 26.0	46.0 - 56.0	Non Locking	5

## Mini Push to Close Lock

SR 5548

**Body: Polyamide**

**Handle: Die-Cast Zinc Alloy**

**Cam: Acetyl**

**Mounting Bracket: Steel**

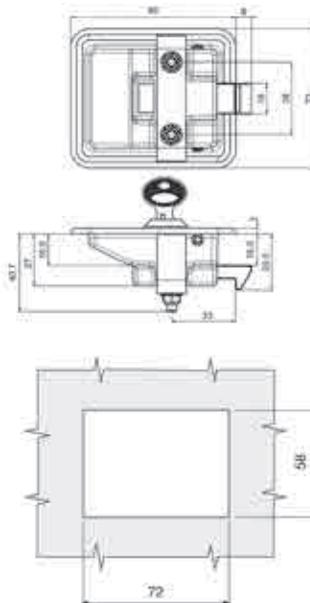
- Ideal for generators with small doors and panels etc.
- Supplied with two standard Euro keys (5333)



Type 1



Type 2



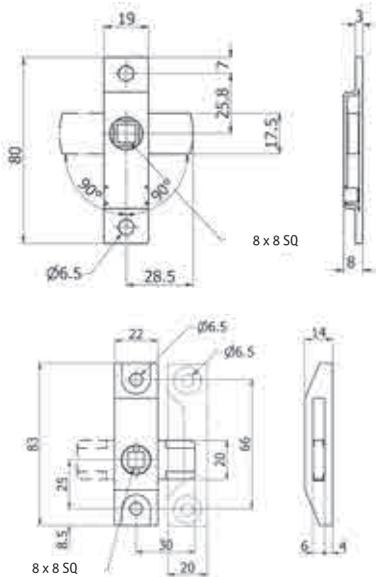
Part Number	Type	Style	Standard Pack Quantity
11601E	1	Key Lock	1
11600E	2	Blind	1

## Budget Locks

SR 5579

Steel, 304 Stainless Steel & Polyamide

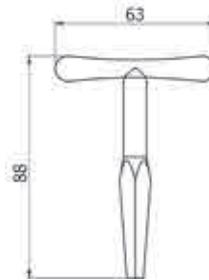
- Both right and left hand application possible
- Ideal for concealed locking mechanisms
- Type 2 is supplied with strike plate



Type 1



Type 2



Key

Part Number	Type	Material	Standard Pack Quantity
493475	1	Steel	50
493476	1	304 Stainless Steel	50
493477	2	Polyamide	50
493478	Key	Cast Iron	50

## HVAC Lock

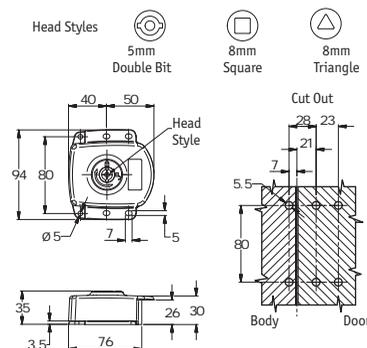
SR 5026

Body: Zamak DIN-EN 1774-ZnAl4Cu1

Driver: Zamak DIN-EN 1774-ZnAl4Cu1

Finish: Black Coated

- Outside locking system provides safety for the pressurized door
- Ideal for heating and ventilation panels



Part Number	Head Style	Standard Pack Quantity
612121215	5mm Double Bit	25
612121228	8mm Square	25
612121238	8mm Triangle	25

# COMPRESSION LOCKS

## HVAC Handles

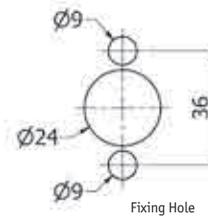
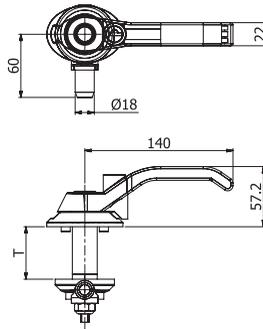
SR5566

Nylon body with steel cam

- Can be used for left or right hand doors
- Roller cam allows locking using low force
- Removable handle allows easy on-site fitting
- Available with Eurokey (5333) or no lock
- Internal handle enables safe opening from the inside



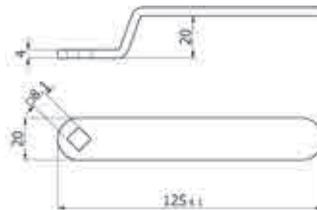
HVAC Handle



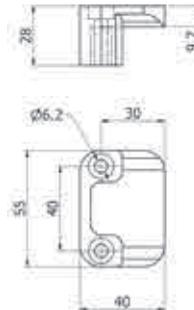
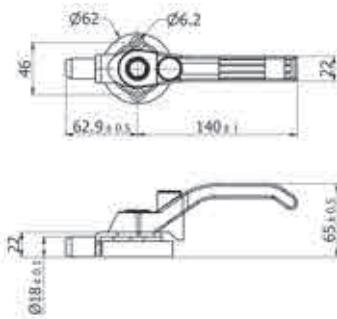
Fixing Hole



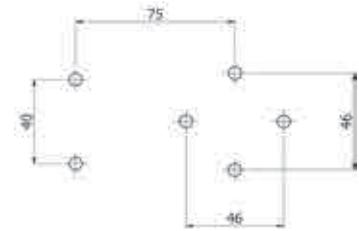
Safety Handle



Outside Locking Handle



Catchplate



Fixing Hole

### HVAC Handle

Part Number	Type	T	Standard Pack Quantity
0121500001E	No Lock	50	10
0122600001E	No Lock	60	10
0121800001E	No Lock	80	10
0121500501E	Eurokey	50	10
0121600501E	Eurokey	60	10
0121800501E	Eurokey	80	10

### Safety Handle

Part Number	Type	Standard Pack Quantity
012A1E	Safety Handle	50

### Outside Locking Handle

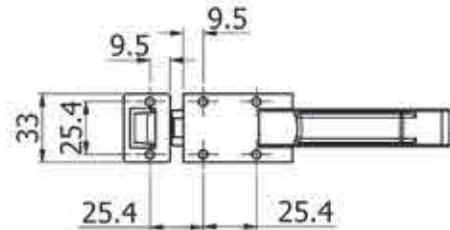
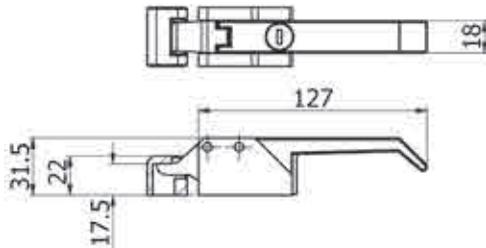
Part Number	Type	Standard Pack Quantity
01220001E	Outside Locking Handle	10
012A2E	Catch Plate	50

## Over Centre Compression Lever

SR5434

Black Powder Coated Zinc

- Easy to use compression latch
- Provides good gasket compression
- Keyed version supplied with two keys
- To suit M5 Fixings (not supplied)



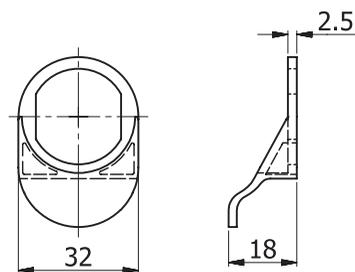
Part Number	Type	Standard Pack Quantity
493598	Keyed Alike	1
493599	No Lock	1

## Push Button Latch

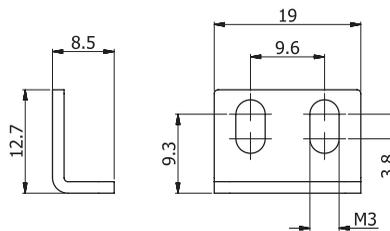
SR5598

Black ABS

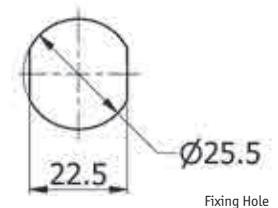
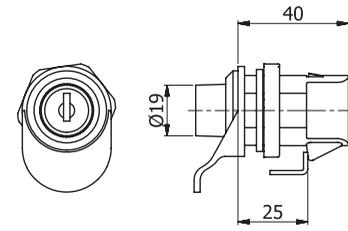
- Push button opening
- Slam shut action
- Single hole installation
- To suit panel thickness up to 16mm
- Complete with handle pull and catch plate
- Supplied with two keys (CH751)



Handle



Catch Plate



Fixing Hole

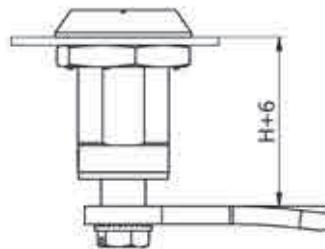
Part Number	Blind Cap	Standard Pack Quantity
493578	N	8
601511	Y	8

## Fixed Compression Latches

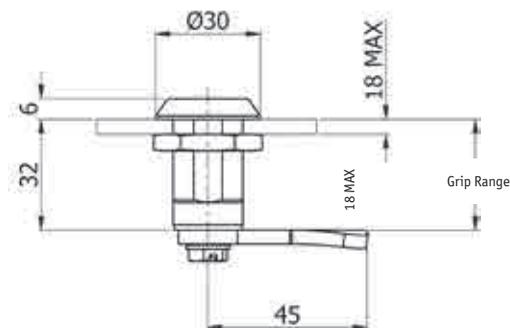
SR 5551

Black Powder Coated Die-Cast Zinc

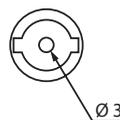
- IP65
- 6mm Compression
- When key is turned to 90° cam turns to locking position
- When key is turned to 180° cam moves to fixing position
- Latch provides good compression and noise isolation
- Left-handed



Latch has 6mm compression



Part Number	Head Style	Grip Range (mm)	Standard Pack Quantity
0401121361E	3mm Double Bit	20	50
0401121360E	3mm Double Bit	22	50
0401121359E	3mm Double Bit	24	50
0401121338E	3mm Double Bit	28	50
0401121330E	3mm Double Bit	32	50
0401121331E	3mm Double Bit	35	50
0401121334E	3mm Double Bit	38	50
0401123761E	7mm Triangle	20	50
0401123760E	7mm Triangle	22	50
0401123759E	7mm Triangle	24	50
0401123738E	7mm Triangle	28	50
0401123730E	7mm Triangle	32	50
0401123731E	7mm Triangle	35	50
0401123734E	7mm Triangle	38	50
0401124261E	Slotted	20	50
0401124260E	Slotted	22	50
0401124259E	Slotted	24	50
0401124238E	Slotted	28	50
0401124230E	Slotted	32	50
0401124231E	Slotted	35	50
0401124234E	Slotted	38	50
0401129461E	Wingknob	20	50
0401129460E	Wingknob	22	50
0401129459E	Wingknob	24	50
0401129438E	Wingknob	28	50
0401129430E	Wingknob	32	50
0401129431E	Wingknob	35	50
0401129434E	Wingknob	38	50



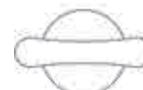
3mm Double Bit



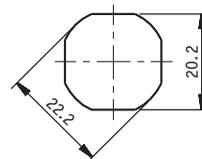
7mm Triangle



Slotted



Wingknob



Fixing Hole

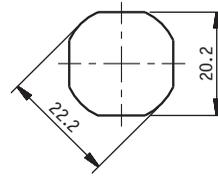
## Adjustable Compression Latches

SR 5547

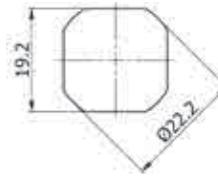
Chrome Plated or Black Powder Coated Die-Cast Zinc



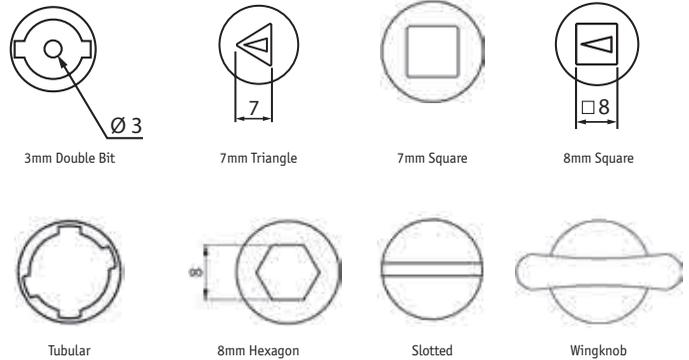
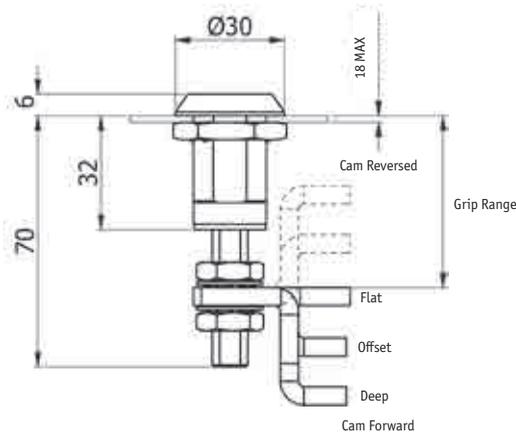
- IP65
- 6mm Compression
- Three Cam styles available
- Cam can be used forward or reversed
- Latch provides good compression and noise isolation
- Two Fixing sizes available 20.2mm x 22.2mm and 19.2mm x 22.2mm
- Left-handed



Fixing Hole 1



Fixing Hole 2



Part Number				Head Style	Cam Style	Grip Range (mm)		Standard Pack Quantity
Chrome Plated		Black Powder Coated				Cam Reversed	Cam Forward	
Fixing Hole 1	Fixing Hole 2	Fixing Hole 1	Fixing Hole 2					
0402111301E	-	0402121301E	0404121301E	3mm Double Bit	Flat	40 - 57	40 - 57	50
0402111302E	-	0402121302E	0404121302E	3mm Double Bit	Offset	28 - 44	53.5 - 71	50
0402111303E	-	0402121303E	0404121303E	3mm Double Bit	Deep	11 - 29	67.5 - 85	50
0402113701E	-	0402123701E	0404123701E	7mm Triangle	Flat	40 - 57	40 - 57	50
0402113702E	-	0402123702E	0404123702E	7mm Triangle	Offset	28 - 44	53.5 - 71	50
0402113703E	-	0402123703E	0404123703E	7mm Triangle	Deep	11 - 29	67.5 - 85	50
-	-	-	0404122701E	7mm Square	Flat	40 - 57	40 - 57	50
-	-	-	0404122702E	7mm Square	Offset	28 - 44	53.5 - 71	50
-	-	-	0404122703E	7mm Square	Deep	11 - 29	67.5 - 85	50
0402112801E	-	0402122801E	-	8mm Square	Flat	40 - 57	40 - 57	50
0402112802E	-	0402122802E	-	8mm Square	Offset	28 - 44	53.5 - 71	50
0402112803E	-	0402122803E	-	8mm Square	Deep	11 - 29	67.5 - 85	50
0402119301E	0404119301E	0402129301E	0404129301E	Tubular	Flat	40 - 57	40 - 57	50
0402119302E	0404119302E	0402129302E	0404129302E	Tubular Key	Offset	28 - 44	53.5 - 71	50
0402119303E	0404119303E	0402129303E	0404129303E	Tubular Key	Deep	11 - 29	67.5 - 85	50
0402116801E	0404116801E	0402126801E	0404126801E	8mm Hexagon High Security	Flat	40 - 57	40 - 57	50
0402116802E	0404116802E	0402126802E	0404126802E	8mm Hexagon High Security	Offset	28 - 44	53.5 - 71	50
0402116803E	0404116803E	0402126803E	0404126803E	8mm Hexagon High Security	Deep	11 - 29	67.5 - 85	50
0402114201E	-	0402124201E	0404124201E	Slotted	Flat	40 - 57	40 - 57	50
0402114202E	-	0402124202E	0404124202E	Slotted	Offset	28 - 44	53.5 - 71	50
0402114203E	-	0402124203E	0404124203E	Slotted	Deep	11 - 29	67.5 - 85	50
-	-	0402129401E	0404129401E	Wingknob	Flat	40 - 57	40 - 57	50
-	-	0402129402E	0404129402E	Wingknob	Offset	28 - 44	53.5 - 71	50
-	-	0402129403E	0404129403E	Wingknob	Deep	11 - 29	67.5 - 85	50

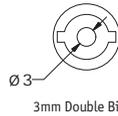
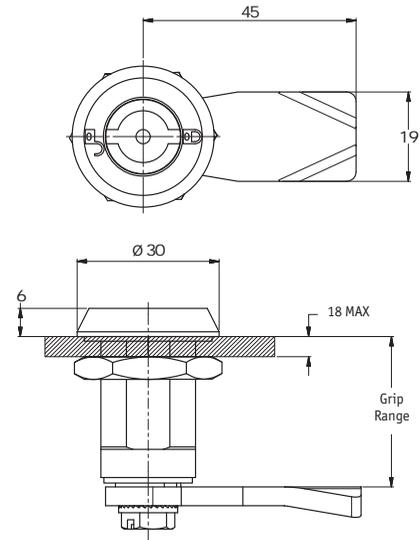
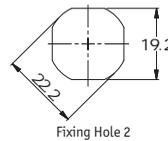
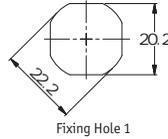
# COMPRESSION LOCKS

## Fixed Compression Lock

SR 6412

Stainless Steel AISI 316

- IP65
- Lock has 6mm compression ratio
- Lock provide good compression and noise isolation
- Two fixing sizes available 20.2mm x 22.2mm and 19.2mm x 22.2mm
- Left handed



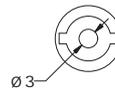
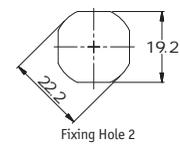
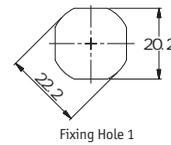
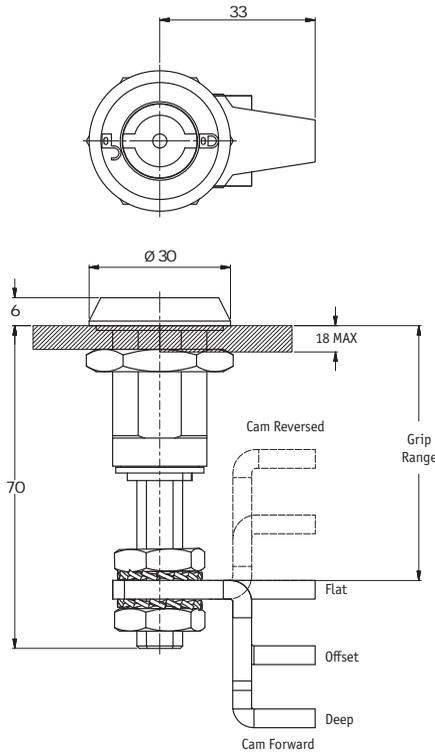
Part Number		Head Style	Grip Range (mm)	Standard Pack Quantity
Fixing Hole 1	Fixing Hole 2			
0401401361E	0403401361E	3mm double bit	20	10
0401401360E	0403401360E	3mm double bit	22	10
0401401359E	0403401359E	3mm double bit	24	10
0401401338E	0403401338E	3mm double bit	28	10
0401401330E	0403401330E	3mm double bit	32	10
0401401331E	0403401331E	3mm double bit	35	10
0401401334E	0403401334E	3mm double bit	38	10
0401403761E	0403403761E	7mm triangle	20	10
0401403760E	0403403760E	7mm triangle	22	10
0401403759E	0403403759E	7mm triangle	24	10
0401403738E	0403403738E	7mm triangle	28	10
0401403730E	0403403730E	7mm triangle	32	10
0401403731E	0403403731E	7mm triangle	35	10
0401403734E	0403403734E	7mm triangle	38	10
0401404261E	0403404261E	Slotted	20	10
0401404260E	0403404260E	Slotted	22	10
0401404259E	0403404259E	Slotted	24	10
0401404238E	0403404238E	Slotted	28	10
0401404230E	0403404230E	Slotted	32	10
0401404231E	0403404231E	Slotted	35	10
0401404234E	0403404234E	Slotted	38	10
0401402861E	0403402861E	8mm square	20	10
0401402860E	0403402860E	8mm square	22	10
0401402859E	0403402859E	8mm square	24	10
0401402838E	0403402838E	8mm square	28	10
0401402830E	0403402830E	8mm square	32	10
0401402831E	0403402831E	8mm square	35	10
0401402834E	0403402834E	8mm square	38	10
0401408860E	0403408860E	Railway	22	10
0401408859E	0403408859E	Railway	24	10
0401408838E	0403408838E	Railway	28	10
0401408830E	0403408830E	Railway	32	10
0401408831E	0403408831E	Railway	35	10
0401408834E	0403408834E	Railway	38	10

## Adjustable Compression Lock

SR 6413

Stainless Steel AISI 316

- IP65
- Lock has 6mm compression ratio
- Lock provide wide grip range with adjustable screw
- Two fixing sizes available 20.2mm x 22.2mm and 19.2mm x 22.2mm
- Left handed



3mm Double Bit

7mm Triangle

Slotted

8mm Square

Railway

Part Number		Head Style	Cam Style	Grip Range (mm)		Std Pack Qty
Fixing Hole 1	Fixing Hole 2			Cam Reversed	Cam Forward	
0402401301E	0404401301E	3mm double bit	Flat	41-58	41-58	10
0402401302E	0404401302E	3mm double bit	Offset	27-44	55-72	10
0402401303E	0404401303E	3mm double bit	Deep	13.5-30.5	68.5-85.5	10
0402403701E	0404403701E	7mm triangle	Flat	41-58	41-58	10
0402403702E	0404403702E	7mm triangle	Offset	27-44	55-72	10
0402403703E	0404403703E	7mm triangle	Deep	13.5-30.5	68.5-85.5	10
0402404201E	0404404201E	Slotted	Flat	41-58	41-58	10
0402404202E	0404404202E	Slotted	Offset	27-44	55-72	10
0402404203E	0404404203E	Slotted	Deep	13.5-30.5	68.5-85.5	10
0402402801E	0404402801E	8mm square	Flat	41-58	41-58	10
0402402802E	0404402802E	8mm square	Offset	27-44	55-72	10
0402402803E	0404402803E	8mm square	Deep	13.5-30.5	68.5-85.5	10
0402408801E	0404408801E	Railway	Flat	41-58	41-58	10
0402408802E	0404408802E	Railway	Offset	27-44	55-72	10
0402408803E	0404408803E	Railway	Deep	13.5-30.5	68.5-85.5	10

# COMPRESSION LOCKS

## Stainless Steel Compression Lock

SR 5027

Housing: Stainless Steel (AISI 316)

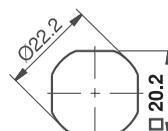
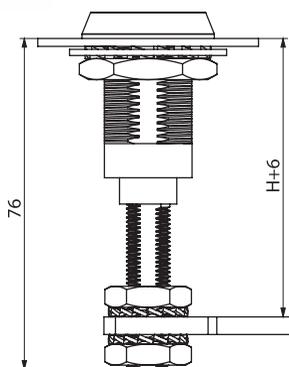
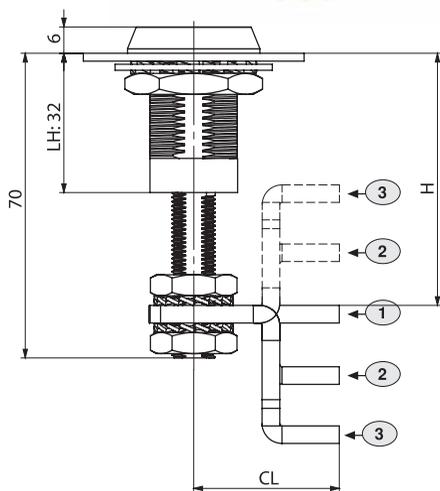
Driver: Stainless Steel (AISI 316)

Cam: Stainless Steel (AISI 304)

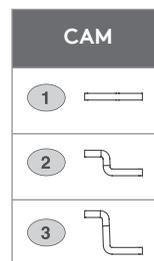
Nut: Stainless Steel (AISI 304)



- Used for cabinets that require better sealing under vibrating conditions
- 6mm of compression
- Wide grip range with adjustable screw
- Noise isolation
- Different drivers/cams available
- The lock has been tested according to the DIN EN 61373 Category 1-B for vibration and shock
- Working Temperature Range: -50/+80°C
- Max load capacity: 562 N



Standard Cut Out



Part Number	Door Locking Direction	Driver	Cam version	Grip Range (mm)	Standard Pack Quantity
0405403701001E	Right Hand	7mm Triangle	1	38 - 48	100
0405403702001E			2	24 - 62	100
0405403703001E			3	11 - 75	100
0405408801001E		Railway	1	38 - 48	100
0405408802001E			2	24 - 62	100
0405408803001E			3	11 - 75	100
0405403701002E	Left Hand	7mm Triangle	1	38 - 48	100
0405403702002E			2	24 - 62	100
0405403703002E			3	11 - 75	100
0405408801002E		Railway	1	38 - 48	100
0405408802002E			2	24 - 62	100
0405408803002E			3	11 - 75	100

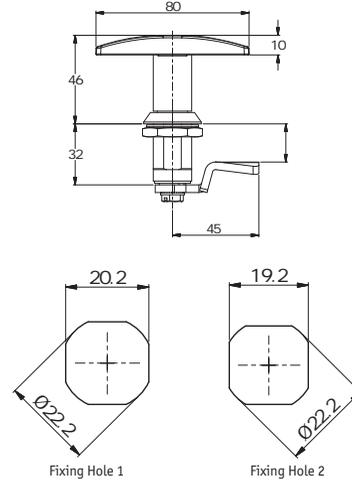
## T Handle Compression Latch

SR 5479

Die-Cast Zinc Alloy

Part Number		Type	Fixing Hole	Grip Range (mm)	Standard Pack Quantity
Chrome	Black				
2401110761E	2401120761E	1	1	20	25
2401110760E	2401120760E	1	1	22	25
2401110759E	2401120759E	1	1	24	25
2401110738E	2401120738E	1	1	28	25
2401110730E	2401120730E	1	1	32	25
2401110731E	2401120731E	1	1	35	25
2401110734E	2401120734E	1	1	38	25
2403110761E	2403120761E	1	2	20	25
2403110760E	2403120760E	1	2	22	25
2403110759E	2403120759E	1	2	24	25
2403110738E	2403120738E	1	2	28	25
2403110730E	2403120730E	1	2	32	25
2403110731E	2403120731E	1	2	35	25
2403110734E	2403120734E	1	2	38	25
2401110061E	2401120061E	2	1	20	25
2401110060E	2401120060E	2	1	22	25
2401110059E	2401120059E	2	1	24	25
2401110038E	2401120038E	2	1	28	25
2401110030E	2401120030E	2	1	32	25
2401110031E	2401120031E	2	1	35	25
2401110034E	2401120034E	2	1	38	25
2403110061E	2403120061E	2	2	20	25
2403110060E	2403120060E	2	2	22	25
2403110059E	2403120059E	2	2	24	25
2403110038E	2403120038E	2	2	28	25
2403110030E	2403120030E	2	2	32	25
2403110031E	2403120031E	2	2	35	25
2403110034E	2403120034E	2	2	38	25

- Chrome or black powder finish
- Hand operated
- Available in locking and non-locking versions
- 6mm Compression
- Supplied with sealing gasket
- Type 1 - Locking
- Type 2 - Non-Locking



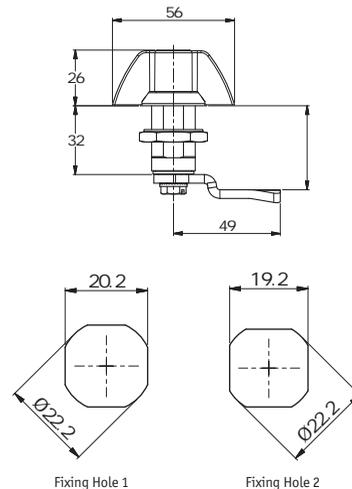
## Wing Knob Compression Latches

SR 5475

Die-Cast Zinc Alloy

Part Number		Type	Fixing Hole	Grip Range (mm)	Standard Pack Quantity
Chrome	Black				
3401110761E	3401120761E	1	1	20	50
3401110760E	3401120760E	1	1	22	50
3401110759E	3401120759E	1	1	24	50
3401110738E	3401120738E	1	1	28	50
3401110730E	3401120730E	1	1	32	50
3401110731E	3401120731E	1	1	35	50
3401110734E	3401120734E	1	1	38	50
3403110761E	3403120761E	1	2	20	50
3403110760E	3403120760E	1	2	22	50
3403110759E	3403120759E	1	2	24	50
3403110738E	3403120738E	1	2	28	50
3403110730E	3403120730E	1	2	32	50
3403110731E	3403120731E	1	2	35	50
3403110734E	3403120734E	1	2	38	50
3401110061E	3401120061E	2	1	20	50
3401110060E	3401120060E	2	1	22	50
3401110059E	3401120059E	2	1	24	50
3401110038E	3401120038E	2	1	28	50
3401110030E	3401120030E	2	1	32	50
3401110031E	3401120031E	2	1	35	50
3401110034E	3401120034E	2	1	38	50
3403110061E	3403120061E	2	2	20	50
3403110060E	3403120060E	2	2	22	50
3403110059E	3403120059E	2	2	24	50
3403110038E	3403120038E	2	2	28	50
3403110030E	3403120030E	2	2	32	50
3403110031E	3403120031E	2	2	35	50
3403110034E	3403120034E	2	2	38	50

- Chrome or black powder finish
- 6mm compression
- Available in locking and non-locking versions
- Type 1 - Locking
- Type 2 - Non-locking



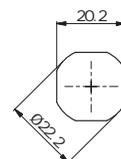
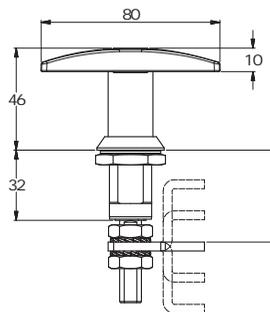
# COMPRESSION LOCKS

## Adjustable T Handle Compression Latch

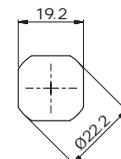
SR 5790

Die-Cast Zinc Alloy

- Chrome or black powder finish
- Hand operated and adjustable
- Available in locking and non-locking versions
- 6mm Compression
- Supplied with sealing gasket
- Type 1 – Locking
- Type 2 – Non-locking



Fixing Hole 1



Fixing Hole 2



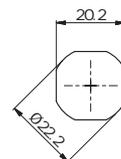
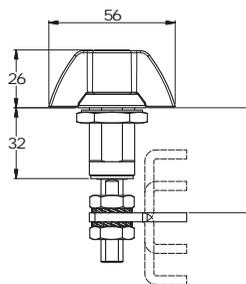
Part Number		Type	Fixing Hole	Grip Range (mm)	Standard Pack Quantity
Chrome	Black				
2402110701E	2402120701E	1	1	41-58	25
2402110702E	2402120702E	1	1	27-72	25
2402110703E	2402120703E	1	1	13.5-85	25
2404110701E	2404120701E	1	2	41-58	25
2404110702E	2404120702E	1	2	27-72	25
2404110703E	2404120703E	1	2	13.5-85	25
2402110001E	2402120001E	2	1	41-58	25
2402110002E	2402120002E	2	1	27-72	25
2402110003E	2402120003E	2	1	13.5-85	25
2404110001E	2404120001E	2	2	41-58	25
2404110002E	2404120002E	2	2	27-72	25
2404110003E	2404120003E	2	2	13.5-85	25

## Adjustable Wing Knob Compression Latches

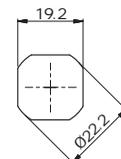
SR 5791

Die-Cast Zinc Alloy

- Chrome or black powder finish
- Adjustable
- 6mm compression
- Available in locking and non-locking versions
- Type 1 – Locking
- Type 2 – Non-locking



Fixing Hole 1



Fixing Hole 2



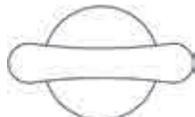
Part Number		Type	Fixing Hole	Grip Range (mm)	Standard Pack Quantity
Chrome	Black				
3402110701E	3402120701E	1	1	41-58	25
3402110702E	3402120702E	1	1	27-72	25
3402110703E	3402120703E	1	1	13.5-85	25
3404110701E	3404120701E	1	2	41-58	25
3404110702E	3404120702E	1	2	27-72	25
3404110703E	3404120703E	1	2	13.5-85	25
3402110001E	3402120001E	2	1	41-58	25
3402110002E	3402120002E	2	1	27-72	25
3402110003E	3402120003E	2	1	13.5-85	25
3404110001E	3404120001E	2	2	41-58	25
3404110002E	3404120002E	2	2	27-72	25
3404110003E	3404120003E	2	2	13.5-85	25

## Small Compression Latches

SR5459

Black Die-Cast Zinc Alloy

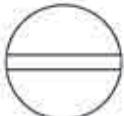
- 4mm compression
- Supplied with sealing gasket
- Allows simple adjustment of grip range
- Ideal for applications with limited space
- For use with the keys on this page



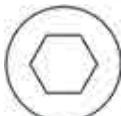
Wingknob



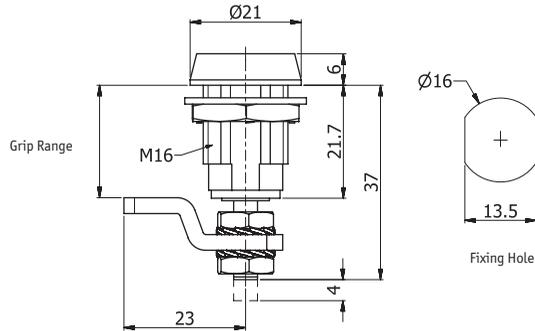
Tubular



Slotted



4mm Hexagon



Part Number				Dimensions (mm)		Standard Pack Quantity
Wingknob	Slotted	4mm Hex	Tubular	Min. Grip Range	Max. Grip Range	
140129407E	140124507E	140126407E	140129307E	9.6	12.8	100
140129406E	140124506E	140126406E	140129306E	12.8	16.0	100
140129405E	140124505E	140126405E	140129305E	16.0	19.2	100
140129404E	140124504E	140126404E	140129304E	19.2	22.4	100
140129403E	140124503E	140126403E	140129303E	22.4	25.6	100
140129402E	140124502E	140126402E	140129302E	25.2	28.4	100

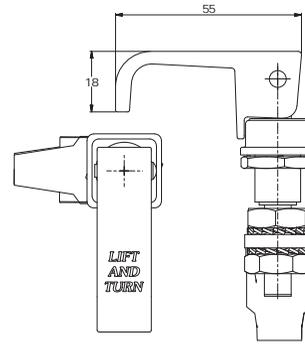
### Keys

Part Number	Description	Standard Pack Quantity
16964E	4mm Hex Key	100

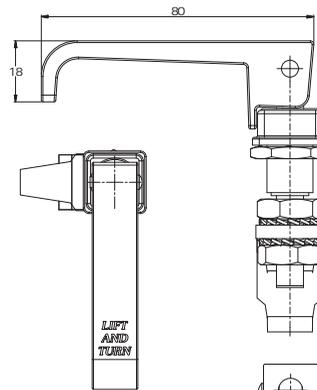
## Lift and Turn Compression Latch

SR6483

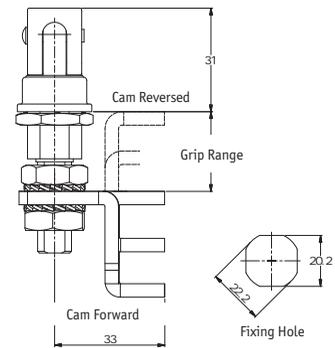
Die-Cast Zinc Alloy



Type 1



Type 2



Part Number	Finish	Type	Grip Range (mm)		Standard Pack Quantity
			Cam Reversed	Cam Forward	
17011101E	Chrome Plated	1	22.5-30	22.5-30	25
17011102E	Chrome Plated	1	8.5-16	36.5-44	25
17011103E	Chrome Plated	1	0-2.5	50-57.5	25
17011201E	Black Coated	1	22.5-30	22.5-30	25
17011202E	Black Coated	1	8.5-16	36.5-44	25
17011203E	Black Coated	1	0-2.5	50-57.5	25
17021101E	Chrome Plated	2	22.5-30	22.5-30	25
17021102E	Chrome Plated	2	8.5-16	36.5-44	25
17021103E	Chrome Plated	2	0-2.5	50-57.5	25
17021201E	Black Coated	2	22.5-30	22.5-30	25
17021202E	Black Coated	2	8.5-16	36.5-44	25
17021203E	Black Coated	2	0-2.5	50-57.5	25

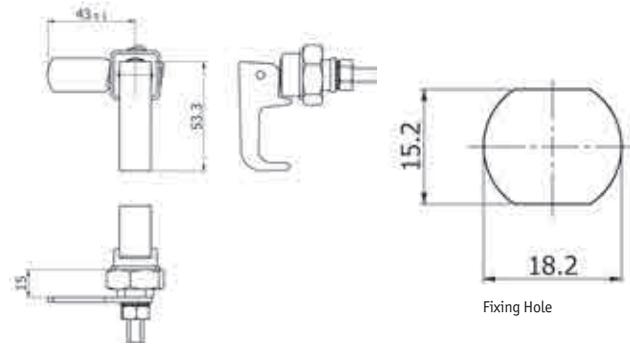
# COMPRESSION LOCKS

## Lift and Turn Lock

SR5568

Nylon body steel cam

- Simple compression action
- Suitable for enclosures and machinery panels
- Left or right hand operation possible



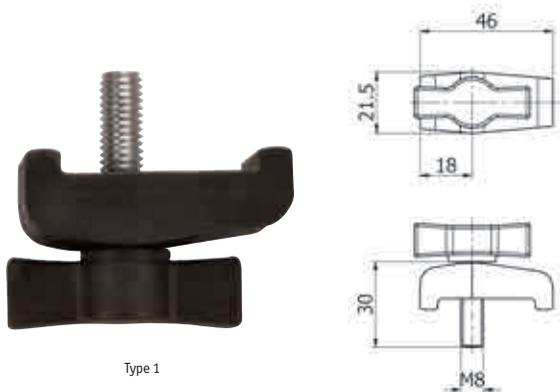
Part Number	Standard Pack Quantity
070E	50

## Bridge Clamps

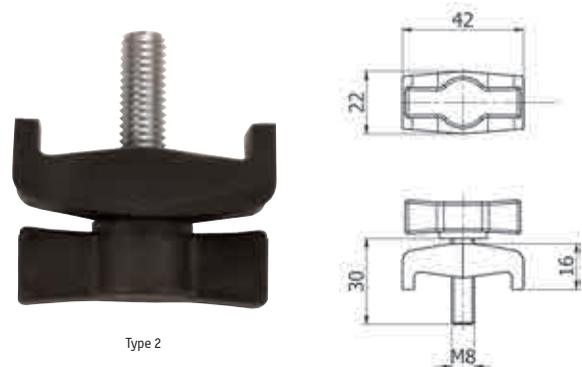
SR5569

Nylon with Steel screw

- Ideal for heating and ventilation panels
- Suitable for right or left hand doors



Type 1



Type 2

Part Number	Type	Standard Pack Quantity
4621E	Type 1	50
4621E	Type 2	50

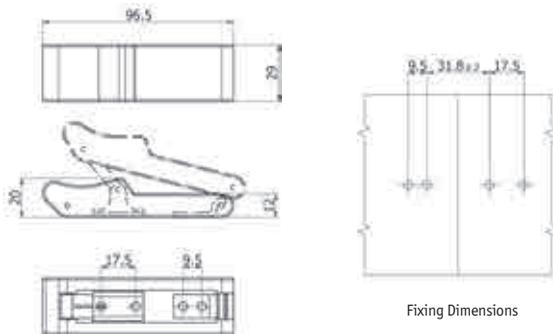
## Flexible Over Centre Drawer Latch

SR 5597

**Black rubber handle**

**Stainless steel keeper and bracket**

- Low profile design
- Concealed keeper is fixed under the latch
- Non-corrosive
- Fixed using M4 screws (not supplied)



Part Number	Standard Pack Quantity
493577	20

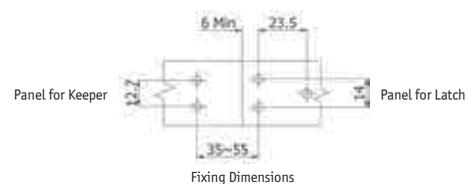
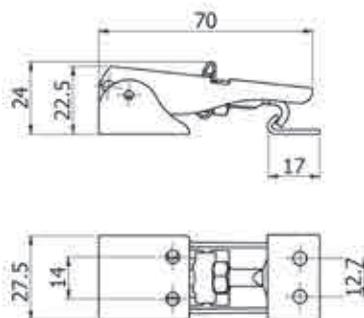
## Adjustable Draw Latch

SR 5433

**Zinc Plated Steel/304 Stainless Steel**



- Adjustable latch
- Secondary lock button to prevent accidental opening
- To suit M4 fixings
- Supplied with keeper



Part Number	Type	Standard Pack Quantity
493596	Stainless Steel	10
493597	Zinc Plated Steel	20

# LATCHES AND CATCHES

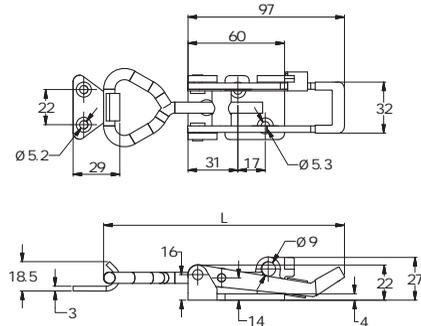
## Toggle Latches – Adjustable

SR 5028

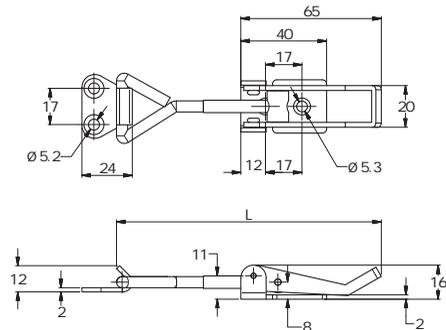
Steel Zinc Plated



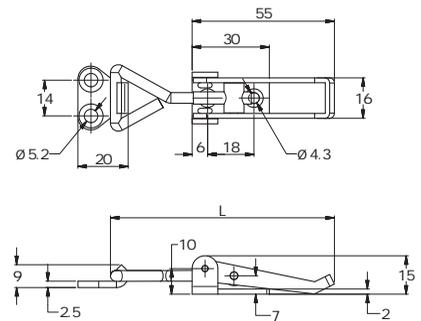
Type 1



Type 2



Type 3

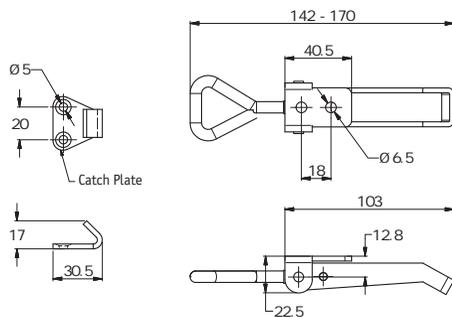


Part Number	Type	Style	L (mm)	Standard Pack Quantity
34000135	1	Padlockable	140 - 160	25
34000133	2	Non Padlockable	94 - 125	50
34000131	3	Non Padlockable	77 - 88	50

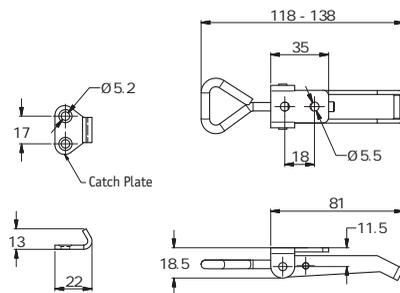
## Toggle Latches – Adjustable

SR 5029

Steel Zinc Plated



Type 4



Type 5



Part Number	Type	Style	L (mm)	Standard Pack Quantity
2702	4	Non Padlockable	142 - 170	50
2701	5	Non Padlockable	118 - 138	50

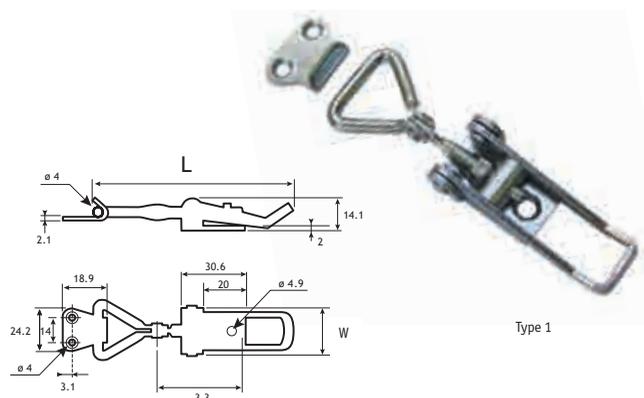
# LATCHES AND CATCHES

## Adjustable Latches

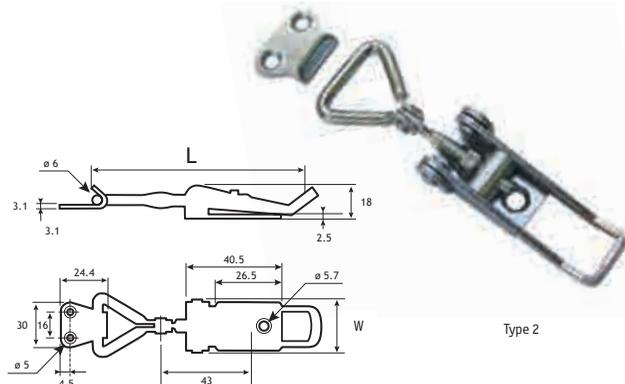
SR 5424

Mild Steel or Stainless Steel 304

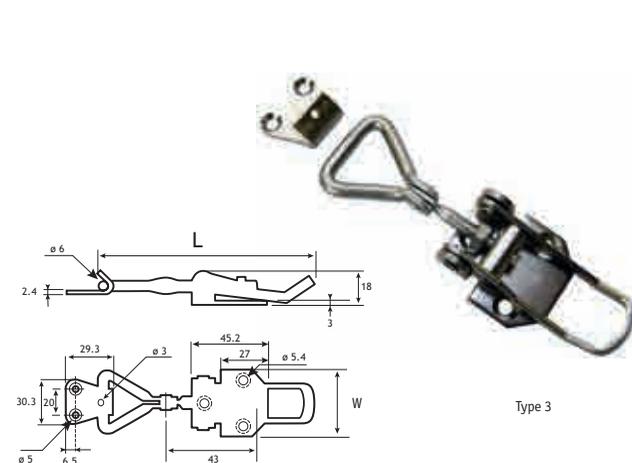
- Securely pull and lock two components together
- Operated by hand and are quick and easy to use
- Suitable for a wide variety of uses including containers, packaging and industrial cleaning machines
- Type 4: For use with padlock



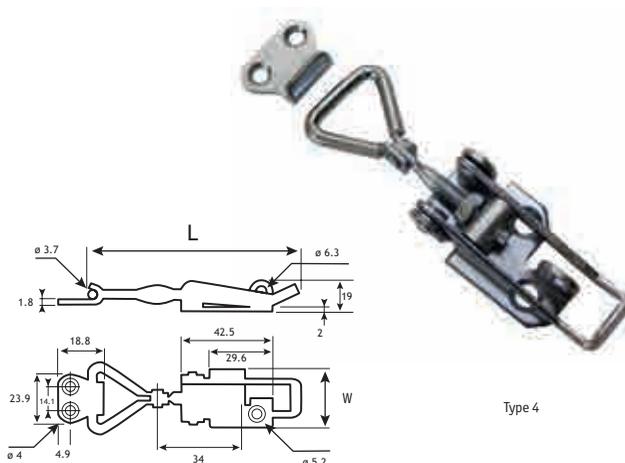
Type 1



Type 2



Type 3



Type 4

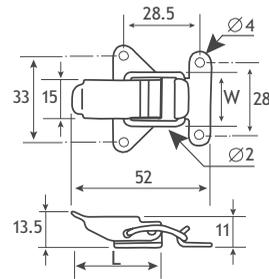
Part Number	Type	Material	Dimensions (mm)		Standard Pack Quantity
			L	W	
491974	1	Zinc Plated Mild Steel	82.0 - 89.0	20.0	20
491975	2	Stainless Steel	96.0 - 121.7	25.0	20
491976	3	Zinc Plated Mild Steel	117.4 - 128.0	40.3	20
491977	3	Stainless Steel	117.4 - 128.0	40.3	20
491978	4	Zinc Plated Mild Steel	82.0 - 92.0	26.3	20
491979	4	Stainless Steel	82.0 - 92.0	26.3	20

## Fixed Catch

SR 5431

Type 1: Stainless Steel 304

- Strike comes with catch



Part Number	Style	Dimensions (mm)			Standard Pack Quantity
		L	W		
491971	Light Duty	33.6	23.5		25

## Drawer Latches

SR 5423

Mild Steel or Stainless Steel AISI 304



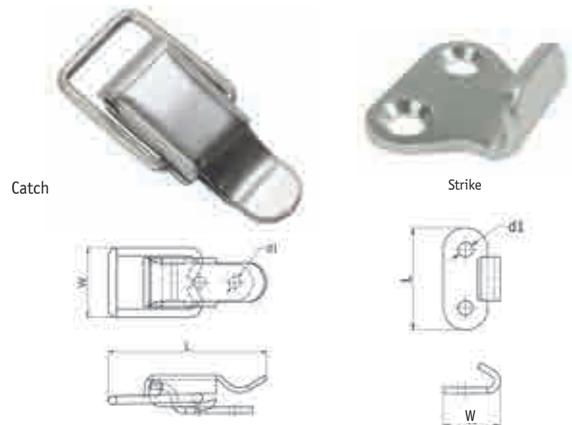
- Suitable for a wide variety of uses including containers, packaging and industrial cleaning machines
- Catch and strike must be ordered separately

### Catch

Part Number	Style	Dimensions (mm)			Standard Pack Quantity
		L	W	d1	
491969	Mild Steel	50.0	22.0	3.8	25
491970	Stainless Steel	50.0	22.0	3.8	25
491972	Mild Steel	80.0	32.0	5.2	25
491973	Stainless Steel	80.0	32.0	5.2	25

### Strike

Part Number	Style	Dimensions (mm)			Standard Pack Quantity
		L	W	d1	
491989	Mild Steel	24.0	14.0	3.5	25
491990	Stainless Steel	24.0	14.0	3.5	25
491991	Mild Steel	26.0	20.0	5.2	25
491992	Stainless Steel	26.0	20.0	5.2	25



## Drawer Latches

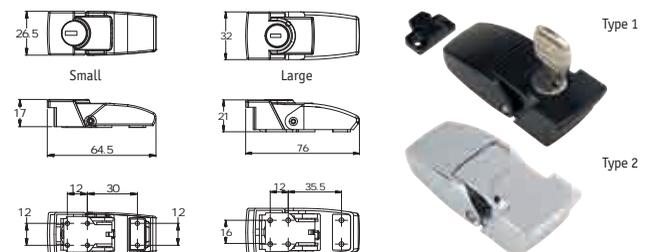
SR 5513

Die-cast Zinc

- Gently curved low-profile surface-mount design resists accidental opening under stress or vibration
- High-strength body encloses all working hardware for improved aesthetics and tamper-resistance
- Simple lever action provides secure latching with quick and easy access

- Riveted construction enhances robust performance and durability
- Suitable for indoor and outdoor applications
- Maximum working load of 1200 N
- Type 1 – Keyed Alike
- Type 2 – Keyless

Part Number		Type	Size	Standard Pack Quantity
Black	Chrome			
497532	497534	1	Large	10
497533	497535	2	Large	10
497536	497538	1	Small	10
497537	497539	2	Small	10



## Drawer Latches

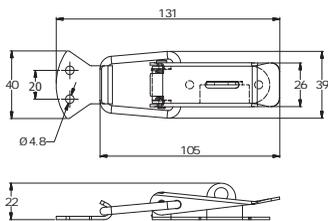
SR5496

Stainless Steel 304 or Zinc Plated Steel

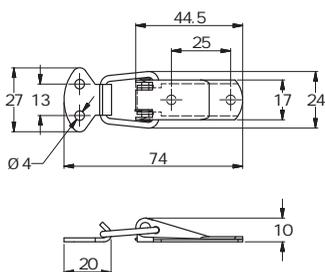
- Securely pull and lock two components together
- Operated by hand and are quick and easy to use
- Suitable for a wide variety of uses including containers, packaging and industrial cleaning machines



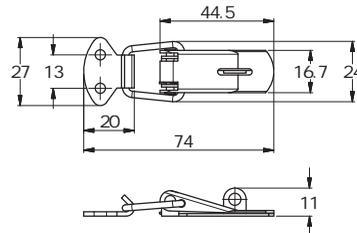
Type 1



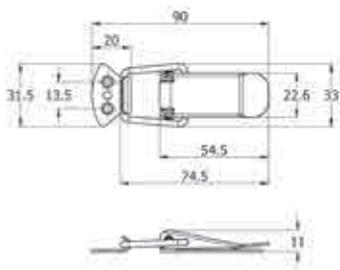
Type 3



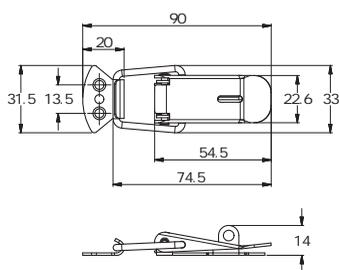
Type 4



Type 7



Type 9



### Wire Link Latch

Part Number		Type	Standard Pack Quantity
Stainless Steel 304	Zinc Plated Steel		
497810	497994	1	25
497811	497997	3	25
497812	497998	4	25
497814	498003	7	25
497816	498005	9	25

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## Drawer Latches CONTINUED

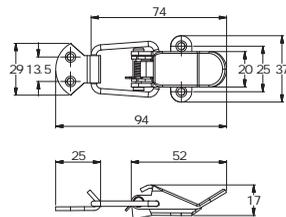
SR5496

Stainless Steel 304 or Zinc Plated Steel

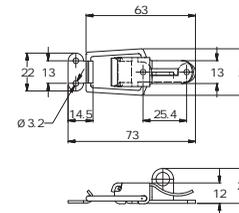
- Securely pull and lock two components together
- Operated by hand and are quick and easy to use
- Suitable for a wide variety of uses including containers, packaging and industrial cleaning machines



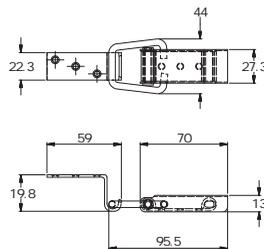
Type 10



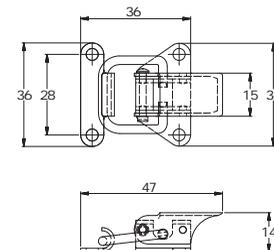
Type 11



Type 12



Type 14



### Wire Link Latch

Part Number		Type	Standard Pack Quantity
Stainless Steel 304	Zinc Plated Steel		
-	498006	10	25
497930	498007	11	25
-	498008	12	25
497932	498010	14	25

CONTINUED ON NEXT PAGE

# LATCHES AND CATCHES

## Drawer Latches CONTINUED

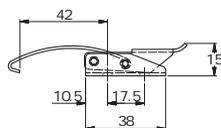
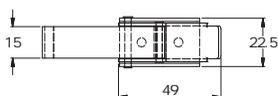
SR5496

Stainless Steel 304 or Zinc Plated Steel

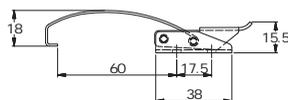
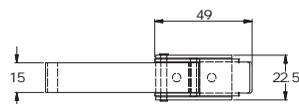
- Securely pull and lock two components together
- Operated by hand and are quick and easy to use
- Suitable for a wide variety of uses including containers, packaging and industrial cleaning machines



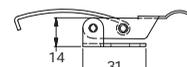
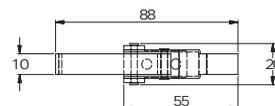
Type 2



Type 8

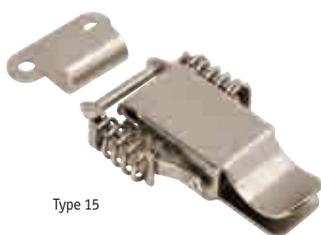


Type 13

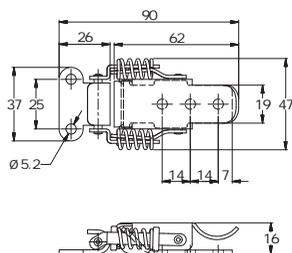


### Over Centre Latch

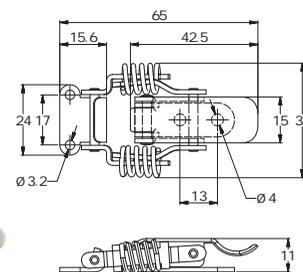
Part Number		Type	Standard Pack Quantity
Stainless Steel 304	Zinc Plated Steel		
497996	-	2	25
497815	498004	8	25
497931	498009	13	25



Type 15



Type 16



### Spring Latch

Part Number		Type	Standard Pack Quantity
Stainless Steel 304	Zinc Plated Steel		
497933	498011	15	25
497934	498012	16	25

CONTINUED ON NEXT PAGE

## Drawer Latches CONTINUED

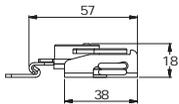
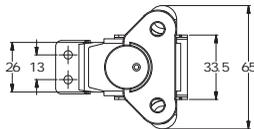
SR5496

Zinc Plated Steel

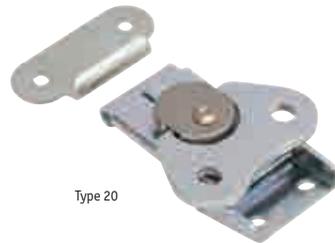
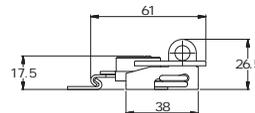
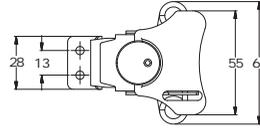
- Securely pull and lock two components together
- Operated by hand and are quick and easy to use
- Suitable for a wide variety of uses including containers, packaging and industrial cleaning machines



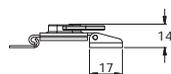
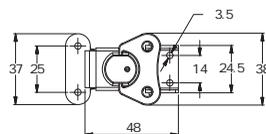
Type 17



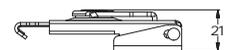
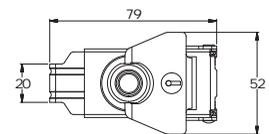
Type 18



Type 20



Type 22



### Quarter Turn Latches

Part Number	Type	Standard Pack Quantity
498013	17	25
498014	18	25
498018	20	25
498020	22	25

# LATCHES AND CATCHES

## Spring Loaded Latch

SR 5030

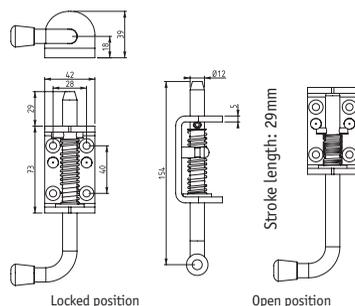
Body : Steel

Pin : Steel

Finish : Zinc Plated



- Versatile galvanised steel latch great for wood or metal application



Part Number	Type	Standard Pack Quantity
275063E	1	25
275163E	2	25

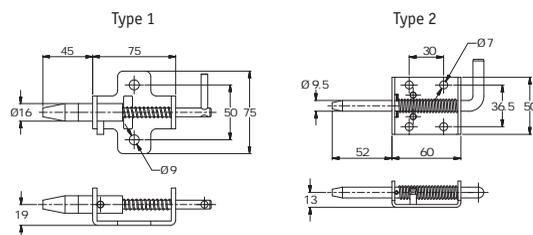
## Bolt with Locking System

SR 5471

Zinc Plated Steel



- Type 1 – Springloaded
- Type 2 – Stops when open
- Heavy duty range



Part Number	Type	Dimensions (mm)		Standard Pack Quantity
		Length	Height	
497584	1	152	34	25
497585	2	132	17	25

## Barrel Bolt

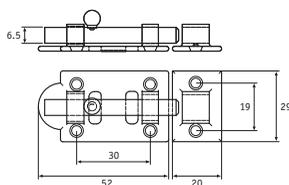
SR 5031

Chrome Plated Brass

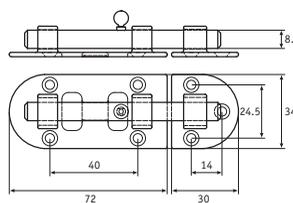
- Two-part locking chrome plated barrel bolt



Type 1



Type 2



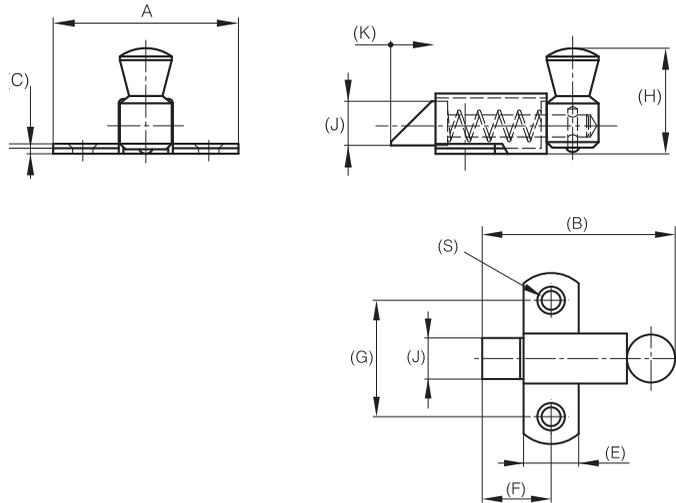
Part Number	Type	Standard Pack Quantity
1330580	1	2
1330579	2	2

## Spring Loaded Slam Latch & Strikes

SR 5032

Body: Zinc Plated Steel

Pin: Stainless Steel

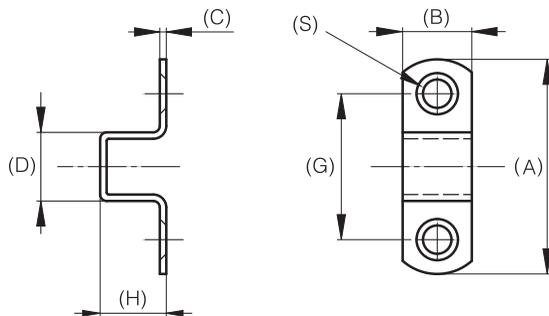


Part Number	Bolt Orientation	Dimensions (mm)										Standard Pack Quantity
		A	B	C	E	F	G	H	J	K	S	
1334625	Nose Up	35	36.5	1.2	11	13.5	23	19	8	8	3.5	50
1334626	Nose Up	50	56	1.5	16	19	34	29.5	12	11	4.8	50
1334627	Nose Up	70	73	2	22	28	45	38	16	16	7	50
1334628	Nose Down	35	36.5	1.2	11	13.5	23	19	8	8	3.5	50
1334629	Nose Down	50	56	1.5	16	19	34	29.5	12	11	4.8	50
1334630	Nose Down	70	73	2	22	28	45	38	16	16	7	50

## Strike for Latches

SR 5033

Zinc Plated Steel



Part Number	Dimensions (mm)							Standard Pack Quantity
	A	B	C	D	G	H	S	
1335121	35	11	1.2	11.5	23	11.5	3.5	50
1335122	50	16	1.5	16	34	16	4.8	50
1335123	70	19	2	19	43.5	21	7	50

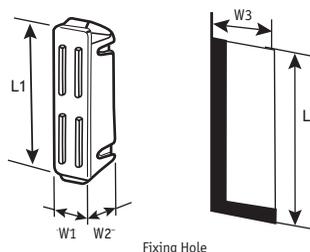
# MAGNETIC CATCHES AND COUNTER PLATES

## Clip In Magnetic Catch

SR 5427

White or Black Polypropylene

- Quick and easy snap in fastening remains securely in place
- Ideal for metal cabinets



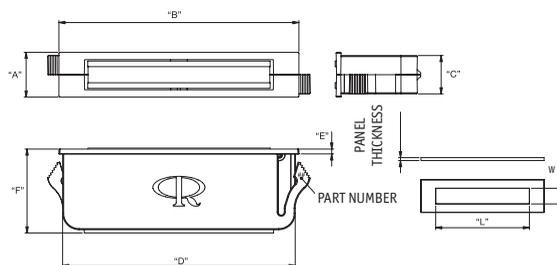
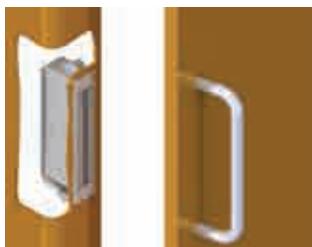
Part Number	Colour	Panel Thickness (mm)	Dimensions (mm)					Standard Pack Quantity
			L1	L2	W1	W2	W3	
491982	White	1.5	25.5	23	12.3	10.4	11	100
491983	White	1.5	39.5	35	10	11	8.2	100
491984	Black	2.0	54.0	51.5	12.5	14.5	10.8	100

## Snap Fit Magnetic Catch

SR 5464

Polypropylene

- Quick to install
- Snap-fit directly into fixing hole
- Available in black and white



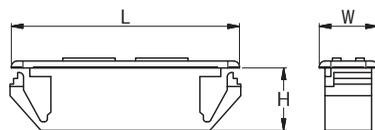
Colour: White	Colour: Black	"A"	"B"	"C"	"D"	"E"	"F"	Panel Thickness	"L"	"W"	Standard Pack Quantity
ML-S-1	ML-S-1BK	7.7	23.6	6.0	21.8	0.8	13.3	0.5 - 2.0	22.2	6.4	10
ML-S-2	ML-S-2BK	7.7	23.6	6.0	21.8	0.8	13.3	2.0 - 3.5	22.2	6.4	10
496256	496257	9.5	39.7	7.7	37.9	0.8	25.4	0.5 - 2.0	38.1	8.1	20
ML-M-2	ML-M-2BK	9.5	39.7	7.7	37.9	0.8	25.4	2.0 - 3.5	38.1	8.1	10
ML-M-3	ML-M-3BK	9.5	39.7	7.7	37.9	0.8	25.4	3.5 - 5.0	38.1	8.1	10
496258	496259	11	58.5	9.2	56.7	1.2	20.6	0.5 - 2.0	57.1	9.6	20
ML-L-2	ML-L-2BK	11	58.5	9.2	56.7	1.2	20.6	2.0 - 3.5	57.1	9.6	10
ML-L-3	ML-L-3BK	11	58.5	9.2	56.7	1.2	20.6	3.5 - 5.0	57.1	9.6	10

## Clip In Magnetic Catches

SR 5041



- The Clip-in Magnetic Catches can be used on metal or plastic – they just simply clip in and require no screws at all
- They are supplied with counterplates
- Available in either white or black
- Depending on the version the maximum possible holding force achievable is 2kg to 15kg
- Catch body is made from polystyrene with a ferrite magnet

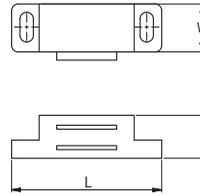


Part Number	L (mm)	W (mm)	H (mm)	Pull Force (kg)	Standard Pack Quantity
1219459	25.5mm	9.6	12	2	50
1219460	39.5mm	10	12	3	20
1219461	54.8mm	12.5	17	15	10

## Economy Magnetic Latches

### SR 5034

- The catch has mobile pole pieces and oblong slots to allow positional play
- The catch comes with a white counterplate
- Has a maximum holding force of 6kg
- Catch body is made from polystyrene with a ferrite magnet

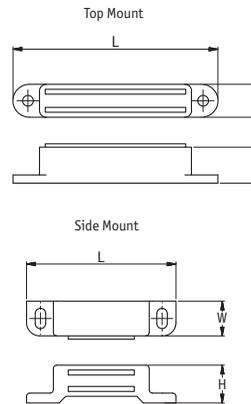


Part Number	L (mm)	W (mm)	H (mm)	Pull Force (kg)	Standard Pack Quantity
1219444	45	14	14	6	50

## Surface Mounted Magnetic Catches

### SR 5036

- The Surface Mounted Magnetic Catch has a simple yet sturdy construction that allows an effective surface mount contact to be made
- Each catch is supplied with a counterplate
- Depending on the version the maximum possible holding force achievable is 3kg to 10kg
- Catch body is made from polystyrene with a ferrite magnet



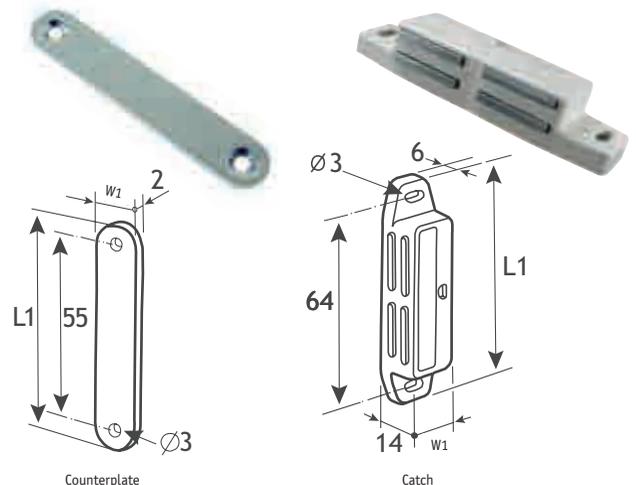
Part Number	Style	L (mm)	W (mm)	H (mm)	Pull Force (kg)	Standard Pack Quantity
1219453	Top Mount	32mm	10.5	11.5	3	20
1219454	Top Mount	45mm	10.5	11.5	6	10
1219455	Top Mount	62mm	10.5	11.5	10	10
1219456	Side Mount	32mm	10.5	11.5	3	20
1219457	Side Mount	45mm	10.5	11.5	6	10
1219458	Side Mount	62mm	10.5	11.5	10	10

## Large Surface Mounted Catch

### SR 5428

#### White Polyamide

- Heavy duty magnet
- Can withstand a force of 15kg
- Holes drilled for M3 screws
- Separate catch and counterplate



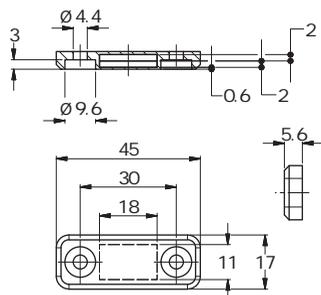
Part Number	Type	Dimensions (mm)		Standard Pack Quantity
		L1	W1	
491986	Catch	74.0	17.5	100
491993	Counterplate	65.0	13.0	100

# MAGNETIC CATCHES AND COUNTER PLATES

## Sealed Magnetic Catch Slim

SR 5045

- Hermetically sealed, ideal for high corrosion environments
- No metal-to-metal contact, ideal for cleanroom applications
- Strong magnetic force
- If a counterplate is required choose from 1222656, 1222657 or 1222658
- Catch body is made from polypropylene with a neodymium magnet

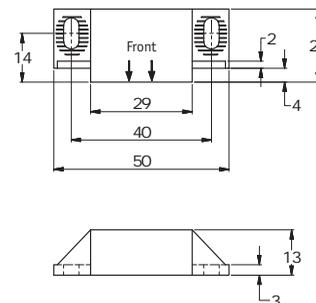


Part Number	Magnetic Force		Weight (gm)	Standard Pack Quantity
	29.4N	3kgf		
1222603	29.4N	3kgf	8.5	100

## Sealed Magnetic Catch

SR 5048

- Hermetically sealed, ideal for high corrosion environments
- No metal-to-metal contact, ideal for cleanroom applications
- Strong magnetic force
- If a counterplate is required choose 1222657
- Catch body is made from polyacetal with a neodymium magnet

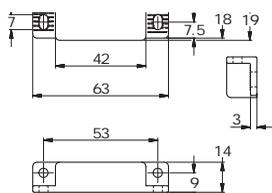


Part Number	Colour	Magnetic Force		Weight (gm)	Standard Pack Quantity
		29.4N	3kgf		
1222604	Black	29.4N	3kgf	21	24
1222605	White	29.4N	3kgf	21	24

## Sealed Magnetic Catch

SR 5048

- Hermetically sealed, ideal for high corrosion environments
- No metal-to-metal contact, ideal for cleanroom applications
- Strong magnetic force
- If a counterplate is required choose from 1222656, 1222657 or 1222658
- Catch body is made from polyacetal with a neodymium magnet
- Three different magnetic forces available



Part Number	Colour	Magnetic Force		Weight (gm)	Standard Part Quantity
		14.7N	1.5kgf		
1222606	Grey	14.7N	1.5kgf	24	50
1222607	Grey	29.4N	3kgf	28	50
1222608	Grey	49N	5kgf	40	50

## Sealed Magnetic Catch

SR 5429

Catch: White Nylon

Counterplate: Stainless Steel

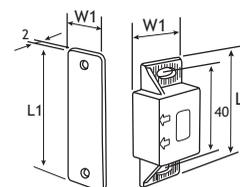
- Sealed Magnet does not rust
- Separate magnetic catch and counterplate
- Can withstand a force of up to 3kg
- Suitable for catering industry and food and drink machinery



Counterplate



Catch

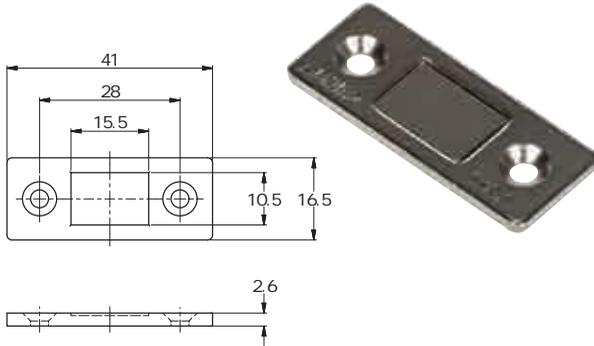


Part Number	Type	Dimensions (mm)		Standard Pack Quantity
		L <sub>1</sub>	W <sub>1</sub>	
491987	Catch	50	21	100
491988	Counterplate	49	15	100

## Ultra Thin and Strong Magnetic Catch

SR 5044

- Unique ultra thin magnetic catch design with extra strong magnetic force
- Maximum temperature: 80°C
- Screw heads should not protrude above the base plate
- Catch body is made from steel with a neodymium magnet



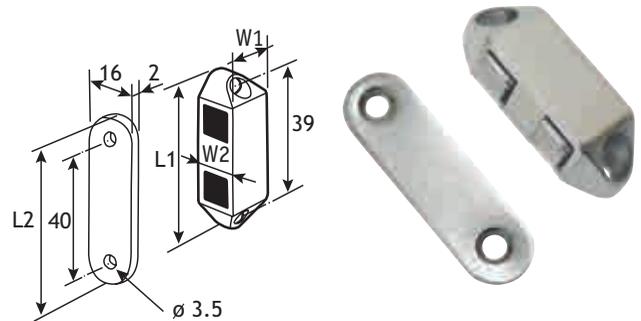
Part Number	Magnetic Force		Weight (gm)	Standard Pack Quantity
	39N	4kgf		
1222619			12	200

## Metal Magnetic Catch

SR 5426

Nickel Plated Die-Cast Zinc Alloy

- Magnetic catch comes with counterplate
- Can withstand a force of 4kg
- Temperature resistance of 80°C
- Vibration Resistant

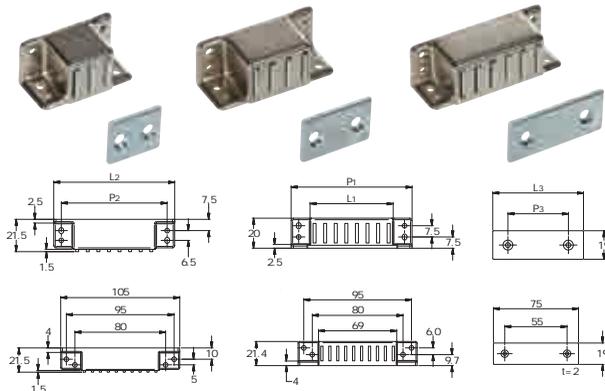


Part Number	Dimensions (mm)				Standard Pack Quantity
	L1	W1	L2	W2	
1222629	49	16	56	16	100

## Heavy Duty Magnetic Catch

SR 5054

- Special design provides screw mounting options in two different positions
- Strong and heavy duty magnetic catch
- Catch body is made from zinc alloy with a ferrite magnet

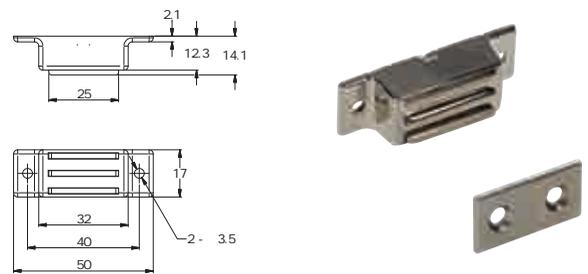


Part Number	L1 (mm)	L2 (mm)	L3 (mm)	P1 (mm)	P2 (mm)	P3 (mm)	Magnetic Force		Weight (gm)	Standard Pack Quantity
							29N	3kgf		
1222631	20	40	22	30	30	12	29N	3kgf	56	60
1222632	27	50	29	40	40	18	68N	7kgf	74	50
1222633	41	61	43	50	50	27	107N	11kgf	110	40
1222634	55	80	60	70	70	40	137N	14kgf	140	30
1222635	69	105	75	95	95	55	147N	15kgf	206	24

## High Temperature Magnetic Catch

SR 5053

- Suitable for high temperature environments up to 250°C
- Strong magnetic force
- Optional counter plates: 1222658
- Catch body is made from stainless steel with a samarium cobalt magnet



Part Number	Magnetic Force		Weight (gm)	Standard Pack Quantity
	70N	7.1kgf		
1222639			40	40
1222638	140N	14.3kgf	40	40

# MAGNETIC CATCHES AND COUNTER PLATES

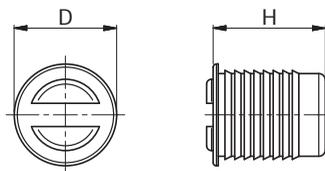
## Knock In Recessed Magnetic Catches

### SR 5058

- The Knock-in Magnetic Catches fit within wooden furniture drilled out holes - simply tap in gently with a mallet until it is securely held within the wood



- Only the ground front surface of the catch can be seen once fitted
- Supplied with counterplates
- Available in white or black
- Depending on the version the maximum possible holding force achievable is 1kg to 6kg
- Catch body is made from polystyrene with a ferrite magnet

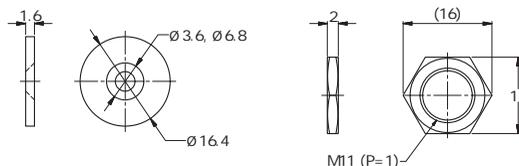
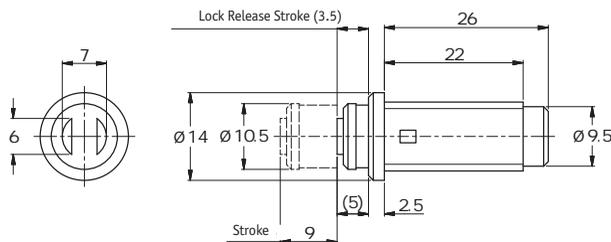


Part Number	Colour	Diameter (mm)	Height (mm)	Pull Force (kg)	Standard Pack Quantity
1219462	Black	9.5	10.5	1	20
1219463	Black	9.5	15	2	20
1219464	Black	14	15.3	4	20
1219465	Black	16	18.3	6	20
1219466	White	14	15.3	4	20
1219467	White	16	18.3	6	20

## Recessed Magnetic Catch

### SR 5064

- Push to open/close mechanism
- For overlay doors allow a 3.5mm gap between door and cabinet frame for push motion
- Catch body is made from ABS with a ferrite magnet

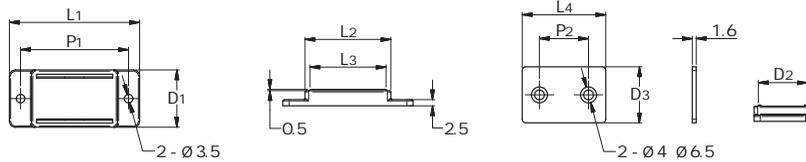


Part Number	Magnetic Force (kg)	Weight (gm)	Standard Pack Quantity
1222645	1.3	9	350

## Thin Magnetic Catch

SR 5043

- Low profile design is ideal for tight spaces
- Catch body is made from ABS with a ferrite magnet
- Available in two colours and three different magnetic forces

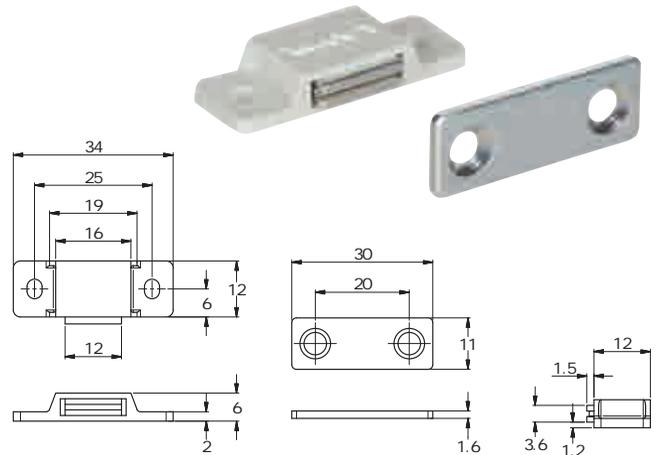


Part Number	Colour	Magnetic Force		L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	D2 (mm)	D3 (mm)	P1 (mm)	P2 (mm)	H (mm)	Weight (gm)	Standard Pack Quantity
		N	kgf												
1222609	Black	49N	5kgf	64	46	42	45	24.5	21	24	55	30	7	48	50
1222611	Black	29.4N	3kgf	53	35	31	34	23.5	20	23	44	20	6.2	32	50
1222614	Black	9.8N	1kgf	43	25	20	24	17	13.5	17	34	13	6	14	100
1222610	Ivory	49N	5kgf	64	46	42	45	24.5	21	24	55	30	7	48	50
1222612	Ivory	29.4N	3kgf	53	35	31	34	23.5	20	23	44	20	6.2	32	50
1222613	Ivory	9.8N	1kgf	43	25	20	24	17	13.5	17	34	13	6	14	100

## Mini Magnetic Catch

SR 5043

- Mini magnetic catch is ideal for tight spaces
- Available in two different magnetic forces
- Versions supplied with or with out strike and screw
- Catch body is made from PBT. 1.2kgf magnet is Ferrite and 3kgf magnet is Neodymium



Part Number	Supplied with:	Magnetic Force		Weight (gm)	Standard Pack Quantity
		N	kgf		
1222615	Magnet only	29.4N	3kgf	6	50
1222616	Magnet, strike and screw	29.4N	3kgf	12	50
1222617	Magnet only	12N	1.2kgf	5	50
1222618	Magnet, strike and screw	12N	1.2kgf	14	50

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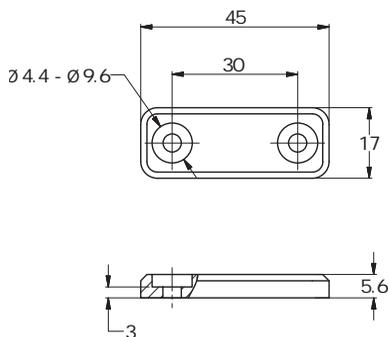


# MAGNETIC CATCHES AND COUNTER PLATES

## Sealed Counter Plate

SR 5071

- Sealed strike for magnetic catches
- Eliminates metal particles when used with 1222603 sealed magnet

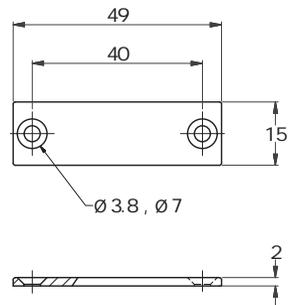


Part Number	Weight (gm)	Standard Pack Quantity
1222656	8.5	100

## Stainless Steel Counter Plate

SR 5072

- High corrosion resistance, equivalent to 316 stainless steel, ideal for application where rust is an issue

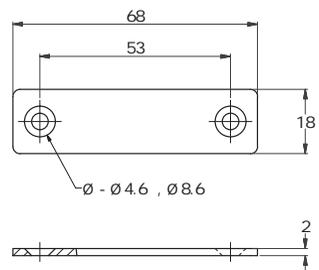


Part Number	Weight (gm)	Standard Pack Quantity
1222657	10	100

## Stainless Steel Counter Plate

SR 5073

- 430 Stainless Steel provides good corrosion resistance



Part Number	Weight (gm)	Standard Pack Quantity
1222658	17	100

## Door Latch and Strikers

SR 5074

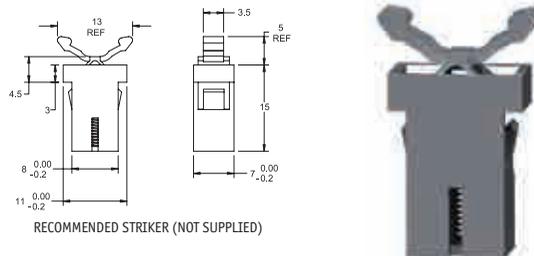
DL/DLS

Type 1 – Latch

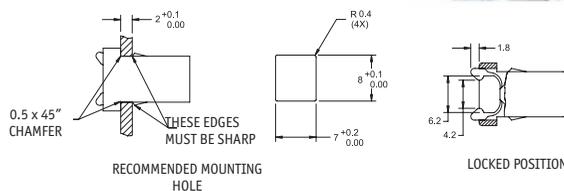
- Latch – UL94 HB Acetal/-50°C to 95°C
- Spring – Stainless Steel
- Locking Stroke: 5.4, Release Stroke: 1.3
- Locking Stroke Force: 500 gr. ± 200 gr.
- Retention Force (Locked) = 1 kg. Min.
- Storage Temperature = -40°C to 80°C
- Continuous Working Temperature = -10°C to 60°C
- Life Cycle = 50,000 operations

Type 2 & 3 – Strickers

- Black UL94 HB Acetal



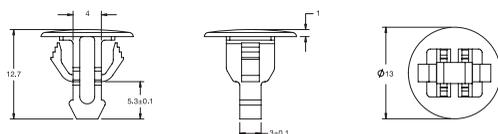
RECOMMENDED STRIKER (NOT SUPPLIED)



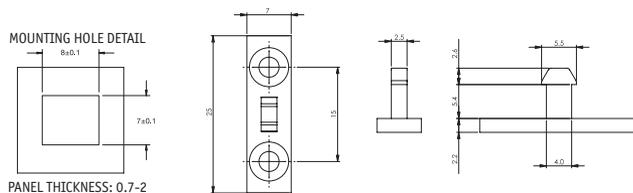
RECOMMENDED MOUNTING HOLE

LOCKED POSITION

Type 2 Striker



Type 3 Striker



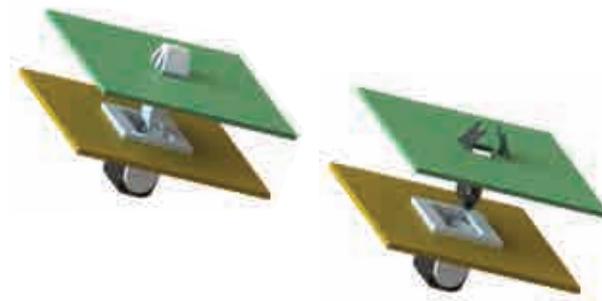
Part Number	Type	Mounting Method	Standard Pack Quantity
DL-1X	1	-	500
DL-1WH	1	-	500
DLS-1	2	Reverse Mount	1000
DLS-2	3	#3 or M3 Countersunk Screws	1000

## Metal and Plastic Catch & Striker

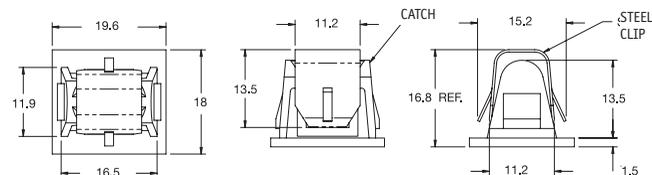
SR 5075

DCS

- Type 1 – Striker – Natural POM/-50°C to 100°C
- Type 2 – Striker – Carbon steel
- Chrome plated finish
- Type 3 – Catch Assembly – Catch: Natural PA 6/6 V-2/-40°C to 85°C
- Metal Clip, Plated Steel, Black Oxide Finish

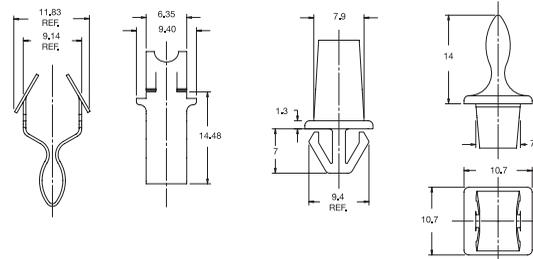


Type 3



Type 2

Type 1



Part Number	Type	Dimensions (mm)		Standard Pack Quantity
		Mounting Hole	Panel Thickness	
DCS-1	1	7.29 x 7.29	0.81-1.32	500
DCS-4	2	7.29 x 7.29	0.81-1.32	500
DCS-7	3	13.08 x 16.64	0.89-1.57	500

## Catch and Striker

SR 5076

CS

PA 6/6, V-2/-40°C to 85°C

Acetal/HB/-40°C to 95°C

PA 6/6, HB/-40°C to 85°C

PA 6/6, HB/-40°C to 65°C

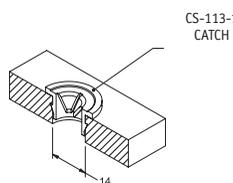
PA 6, V-2/-30°C to 85°C

- Striker is mounted with the striker base (CS-113-3) and screwed into the door or mounted to outside of removable panel (CS-113-6)
- The catch is designed for mounting either in wood cabinets (CS-113-1) or into a panel (CS-113-4)

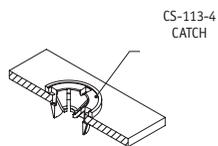


Type 1

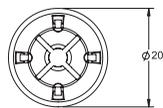
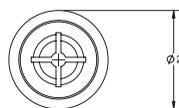
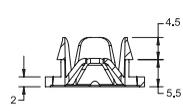
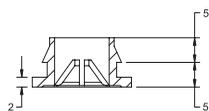
Type 4



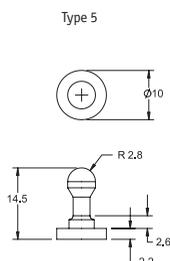
CS-113-1  
CATCH



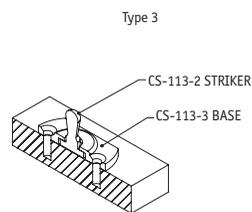
CS-113-4  
CATCH



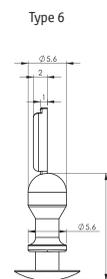
Average Insertion & Extraction Data	CS-113-1		CS-113-4	
	Insertion (N)	Extraction (N)	Insertion (N)	Extraction (N)
CS-113-2	34	22	12	11
CS-113-5	24	64	16	38
CS-113-6	24	64	16	38



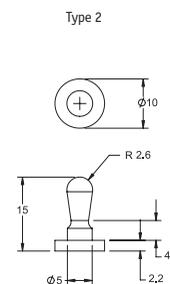
Type 5



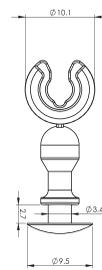
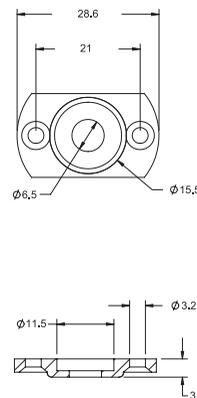
Type 3



Type 6



Type 2



### Catch

Part Number	Type	Mounting Hole Ø	Mounting Panel	Material	Colour
CS-113-1	1	14	Min. 10mm board of compliant material (i.e. wood, fibreboard, etc.)	UL94 V2 Supertough PA 6/6	Black
CS-113-4	4	14	3.2mm Panel	UL94 V2, PA 6	Natural

### Striker

Part Number	Type	Mounting Recommendation	Material	Colour	
CS-113-2	2	Use Base CS-113-3	UL94 V2 Supertough PA 6/6	Black	
CS-113-5	5	Use Base CS-113-3	UL94 V2 PA 6/6	Natural	
CS-113-6	6	Mounting Hole Ø 5.8 - 6.4	Panel Thickness 1.6	UL94 HB Impact, Modified PA 6/6	Black

### Base

Part Number	Type	Recommended Mounting Screw	Material	Colour
CS-113-3	3	"M3 Counter Sunk"	UL94 HB, Acetal	Black

## Metal Leaf Hinges

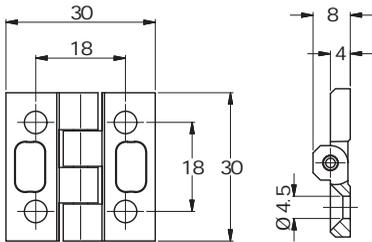
SR 5506

Die-Cast Zinc Alloy

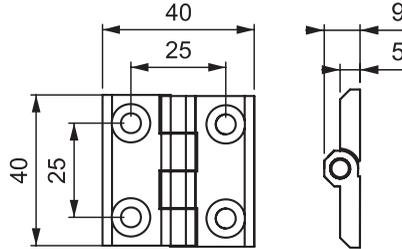
- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°



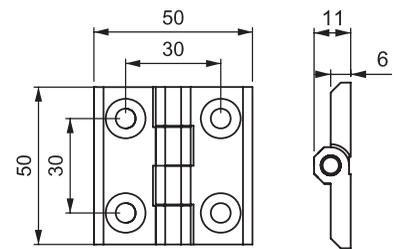
Type 0



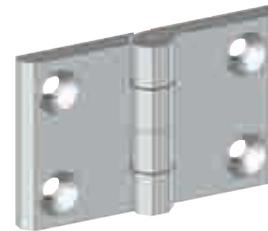
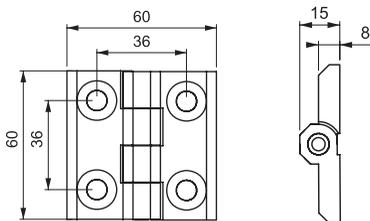
Type 1



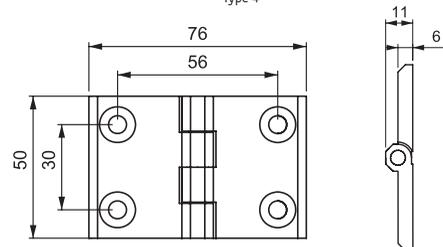
Type 2



Type 3



Type 4



Part Number		Type	Bolt Hole Size	Size (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated				
099114E	299123E	0	M5	40 x 40	50
1299113	1299123	1	M4	30 x 30	50
099114E	099124E	2	M6	50 x 50	50
399114E	399124E	3	M8	60 x 60	50
0991110E	0991210E	4	M6	76 x 50	50

All dimensions in mm

CONTINUED ON NEXT PAGE

# HINGES

## Metal Leaf Hinges CONTINUED

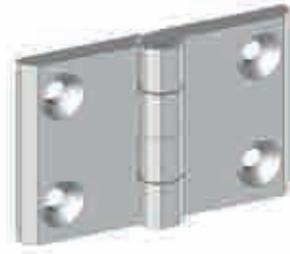
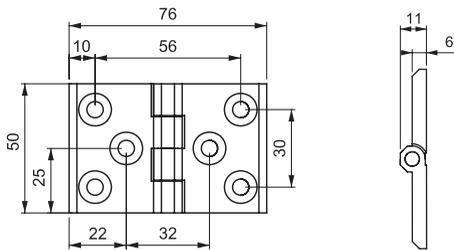
### SR 5506

#### Die-Cast Zinc Alloy

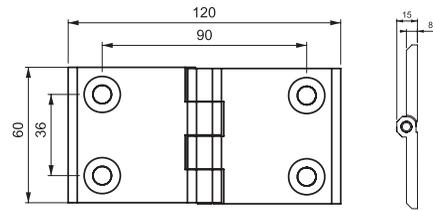
- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°



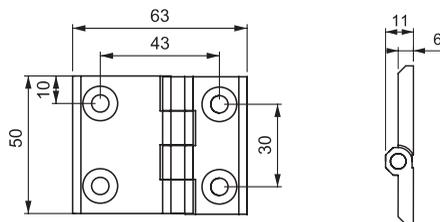
Type 5



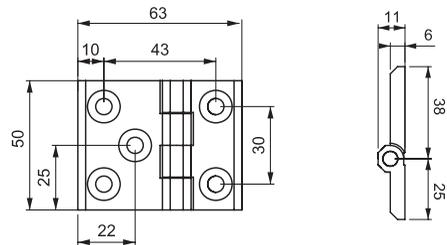
Type 6



Type 7



Type 8



Part Number		Type	Bolt Hole Size	Size (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated				
099116E	099126E	5	M6	76 x 50	50
399116E	399126E	6	M8	120 x 60	50
099117E	099127E	7	M6	63 x 50	50
099115E	099125E	8	M6	63 x 50	50

All dimensions in mm

CONTINUED ON NEXT PAGE

**Metal Leaf Hinges** *CONTINUED*

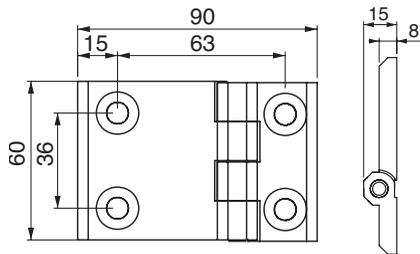
**SR 5506**

**Die-Cast Zinc Alloy**

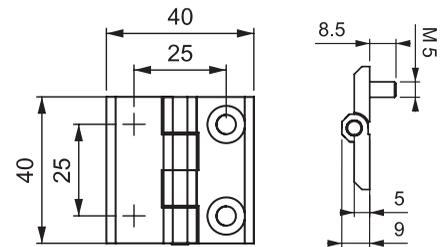
- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°



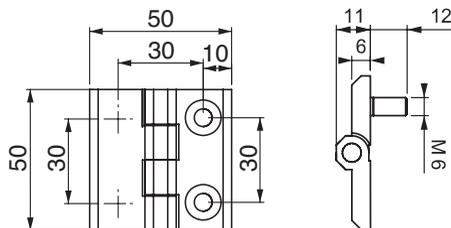
Type 9



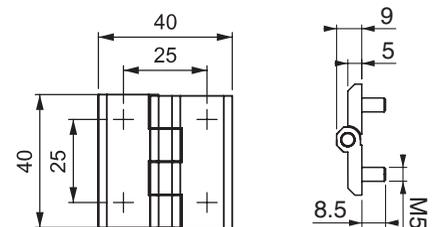
Type 10



Type 11



Type 12



Part Number		Type	Bolt Hole Size	Size (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated				
399115E	399125E	9	M8	90 x 60	30
299112E	299122E	10	M5	40 x 40	75
099112E	099122E	11	M6	50 x 50	50
299111E	299121E	12	-	40 x 40	75

All dimensions in mm

CONTINUED ON NEXT PAGE

# HINGES

## Metal Leaf Hinges CONTINUED

SR 5506

Die-Cast Zinc Alloy

- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°



Type 13



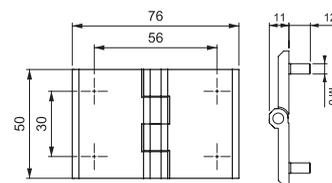
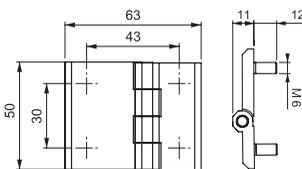
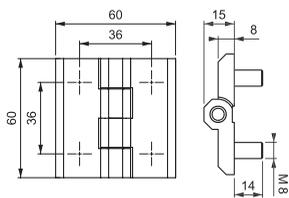
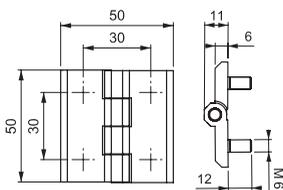
Type 14



Type 15



Type 16



Part Number		Type	Size (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated			
099111E	099121E	13	50 x 50	50
399111E	399121E	14	60 x 60	50
099118E	099128E	15	63 x 50	50
099119E	099129E	16	76 x 50	50

All dimensions in mm

## Metal Leaf Hinges

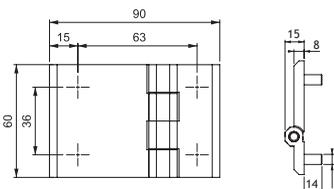
SR 5506

Die-Cast Zinc Alloy

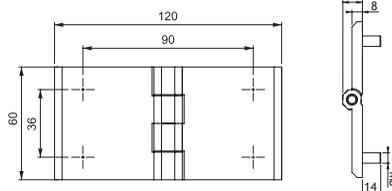
- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°



Type 17



Type 18



Part Number		Type	Size (mm)	Standard Pack Quantity
Chrome Plated	Black Powder Coated			
399112E	399122E	17	90 x 60	25
399113E	399123E	18	120 x 60	25

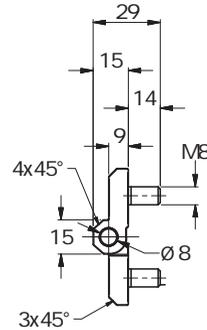
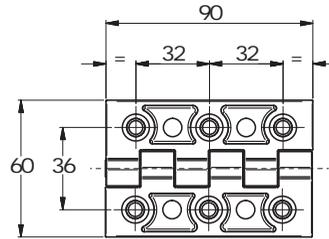
All dimensions in mm

## Metal Leaf Hinges CONTINUED

SR 5506

Die-Cast Zinc Alloy

- Stainless steel pin
- For flush mounted doors
- Maximum rotation 270°



Type 19

Part Number		Type	Size (mm)	Standard Pack Quantity
Chrome Plated	Black Coated			
90011	90012	19	90 x 60	20

All dimensions in mm

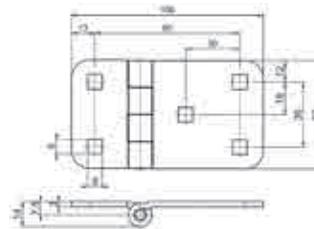
## Flat Hinges

SR 5546

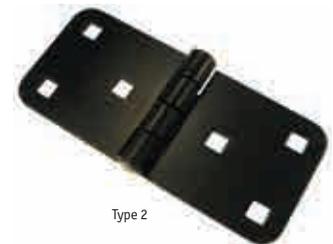
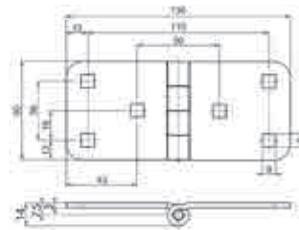
Type 1 & 2: Steel - Black Coated Finish

Type 3: Die-Cast Zinc Alloy & Delrin Bearing

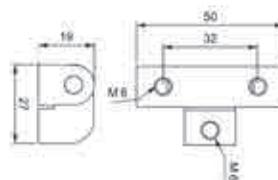
- Stainless Steel Pin
- Type 1 & 2: Very strong hinge – tamperproof
- Type 1 & 2: Supplied with M8 x 12mm fixings
- Type 1 & 2: 270° hinge rotational angle
- Type 3: 180° hinge rotational angle



Type 1



Type 2



Type 3

Part Number	Type	Standard Pack Quantity
499622E	1	48
499623E	2	24
693122E	3	50

## Plastic Leaf Hinges

SR 5507

Polyamide 30% glass fibre reinforced

- Stainless steel pin
- Type 1-3 to suit M6 fixings
- Type 4-6 to suit M5 fixings



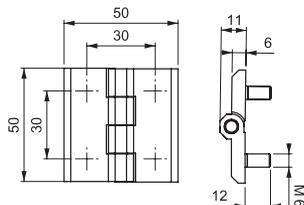
Type 1 & 4



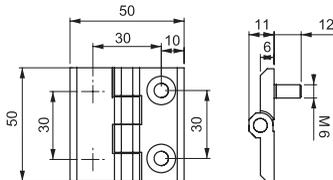
Type 2 & 5



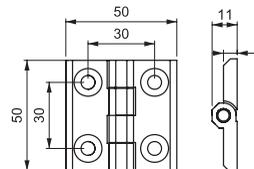
Type 3 & 6



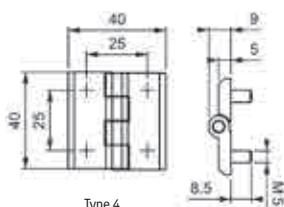
Type 1



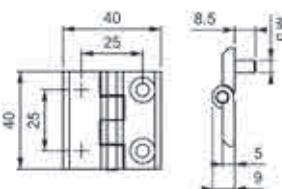
Type 2



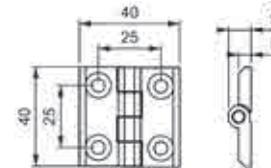
Type 3



Type 4



Type 5



Type 6

All dimensions in mm

50mm x 50mm

Part Number	Type	Standard Pack Quantity
199201E	1	100
199202E	2	100
199203E	3	100

40mm x 40mm

Part Number	Type	Standard Pack Quantity
299201E	4	100
299202E	5	100
299203E	6	100

## Screw Covers Hinges

SR 6411

Glass fibre reinforced PA, rotation pin from POM

Black, matt finish

- Rotation angle max 200°
- Rotation pin in techno polymer ensures no corrosion

Type 1:

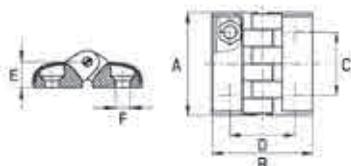
- Glossy plastic screw cover for excellent aesthetic appearance
- Hexagonal pass-through holes for cylindrical screw, hex nut/screw

Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
274404059935	39.5	38	25	25	9	4.5	10
274496059935	49.5	48	30.5	31	11.5	5.5	10
274404159935	49.5	48	30.5	31	11.5	6.5	10
274495159935	65	63	40	40	15	6.5	10

Type 2:

- Pass-through holes for countersunk head screws

Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
274495059935	39.5	38	25	25	9	4.5	10
274656059935	49.5	48	30.5	31	11.5	5.5	10
274656159935	65	63	40	40	15	6.5	10

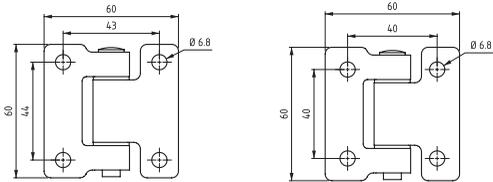


## Leaf Hinges

**Body: Steel**

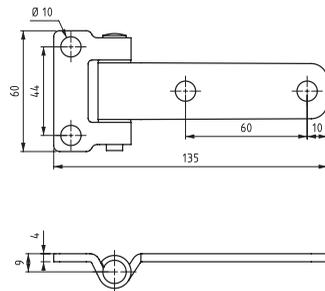
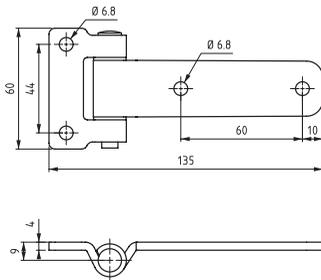
**Pin: Steel**

- Hinge rotation 180°
- Generally used for plain/flush mounted isolated, heavy duty doors
- Essentially used for generators and machinery covers



Type 1 - a

Type 1 - b



Type 1



Type 2



Type 3

# HINGES

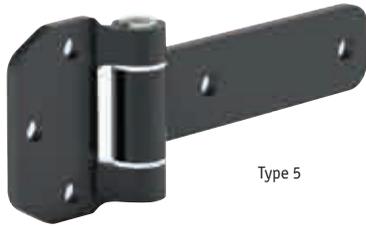
## Leaf Hinges CONTINUED

SR 5077

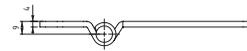
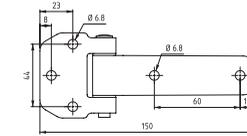
Body: Steel

Pin: Steel

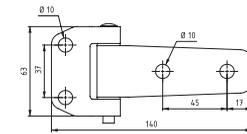
- Hinge rotation 180°
- Generally used for plain/flush mounted isolated, heavy duty doors
- Essentially used for generators and machinery covers



Type 5



Type 4



Part Number		Type	Standard Pack Quantity
Zinc Plated	Black Coated		
1599631	1599621	1 - a	25
1599636	1599626	1 - b	25
1599632	1599622	2	25
1599633	1599623	3	25
1599634	1599624	4	25
1599635	1599625	5	25

## Leaf Hinge

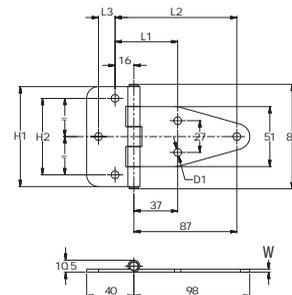
SR 5078

Body: Steel

Finish: Black coated

Pin: Stainless Steel

- Hinge rotation angle 180°
- Generally used for plain/flush mounted isolated, heavy duty doors



Part Number	Dimensions (mm)							Standard Pack Quantity
	L1	L2	L3	H1	H2	W	D1	
59962	53.0	103.0	14.0	85.0	65.0	2.5	6.5	25

## Square Design Hinges with 4 Holes or Pins

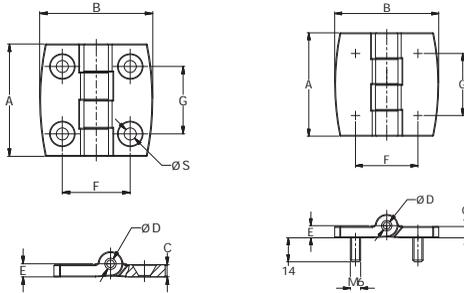
SR 6497

Black PA reinforced glass fibre (30%) wings

304 Stainless Steel Knurled Pin

304 Stainless Steel studs (nuts not supplied)

- Resistant and aesthetically pleasing
- Rotation up to 270°
- Corrosion-resistant



Type 1



Type 2

Type 1 – 4 Countersunk Holes

Type 2 – 4 Studs M6

Part Number	Type	Dimensions (mm)								Standard Pack Quantity
		A	B	C	D	E	F	G	S	
550054	1	30	30	3	3	3.5	18	18	3.2	20
550055	1	40	40	5.2	4	5.7	25	25	5.3	20
550056	1	50	50	5.9	5	6.4	30	30	6.4	20
550057	1	60	60	6.5	6	7	36	36	6.4	20
550058	2	60	60	6.5	6	7	36	36	-	20

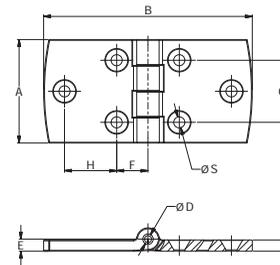
## Symmetrical Design Hinges with 6 holes

SR 6496

Black PA reinforced glass fibre (30%) wings

304 Stainless Steel Knurled Pin

- Resistant and aesthetically pleasing
- Rotation up to 270°
- Corrosion-resistant



Part Number	Dimensions (mm)									Standard Pack Quantity
	A	B	C	D	E	F	G	H	S	
550059	40	80	5.2	4	5.7	13.5	25	19	5.3	20
550060	40	120	5.2	4	5.7	14.5	25	38	5.3	20
550061	50	100	5.9	5	6.4	16	30	24	6.4	20

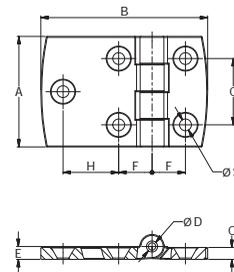
## Asymmetrical Design Hinges with 5 holes

SR 6495

Black PA reinforced glass fibre (30%) wings

304 Stainless Steel Knurled Pin

- Resistant and aesthetically pleasing
- Rotation up to 270°
- Corrosion-resistant



Part Number	Dimensions (mm)								Standard Pack Quantity
	A	B	C	D	E	F	H	S	
550062	40	80	5.2	4	5.7	13.5	38	5.3	20
550063	50	75	5.9	5	6.4	15.5	24	6.4	20

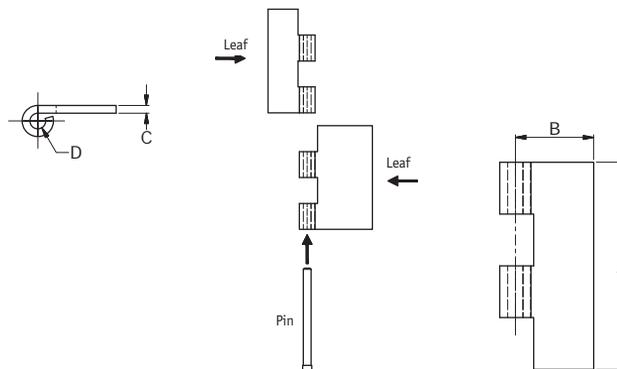
## Modular Lift Off Hinges

SR 6492

Steel with Zinc Plated Steel Pin Ø6

304 Stainless Steel with 304 SS Pin Ø6

- Comprises two leaves and one pin
- Allows fast assembly of components in-house
- Leaves can be customised before assembly by bending, drilling or punching



### Modular Hinges

Part Number		Dimensions (mm)				Standard Pack Quantity
Steel	SS 304	A	B	C	D	
550071	550077	80	30	3	6	25
550072	550078	80	40	3	6	25
550073	550079	80	50	3	6	25
550074	550080	80	60	3	6	25
550075	550081	80	80	3	6	25

### Pins

Part Number		Dimensions (mm)		Standard Pack Quantity
Steel	SS 304	L	Ø	
550076	550082	80	6	50

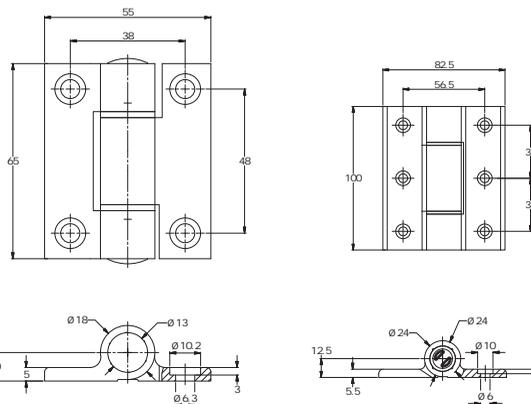
## Free Swinging Hinge

SR 6498

Aluminium

Clear anodised finish

- Small hinge has the same footprint and same design as friction, detent and spring hinges. All are fully interchangeable
- Small hinge with end caps
- Large hinge has the same footprint and same design as large spring hinge. Can be combined or interchangeable



Part Number	Finish	Dimensions (mm)		Swing	Standard Pack Quantity
		L	W		
1334621	Clear Anodised	65	55	270°	20
1334622	Black Anodised	65	55	270°	20
550040*	Clear Anodised	65	55	270°	20
1334623*	Black Anodised	65	55	270°	20
550041	Clear Anodised	100	82.5	270°	20
1334624	Black Anodised	100	82.5	270°	20

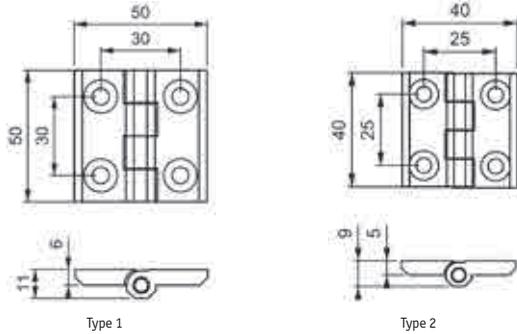
\*Provided with end caps

## Premium Stainless Steel Leaf Hinges

SR 5562

Stainless Steel AISI 316

- 270° Hinge Rotation Angle
- Generally used for plain or flush mounted doors

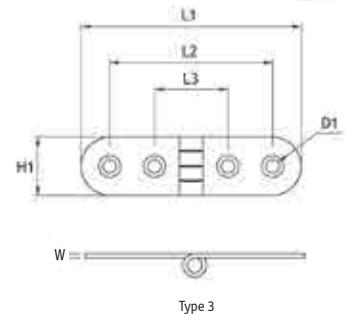
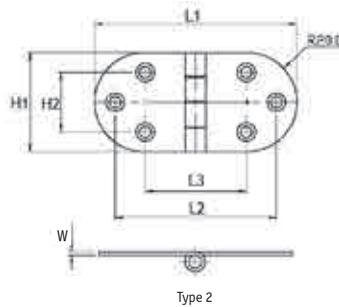
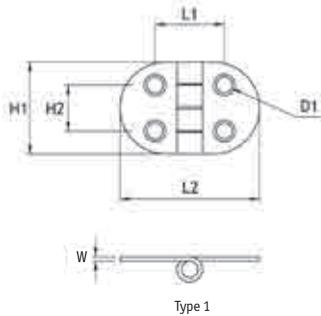
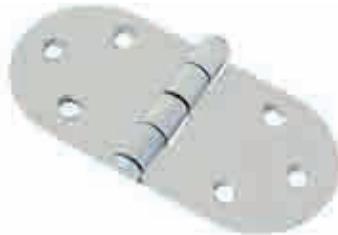


Part Number	Type	Bolt Hole Size	Standard Pack Quantity
099404E	1	M6	25
299403E	2	M5	25

## Round Stainless Steel Hinges

SR 5421

Polished Stainless Steel 304



Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		L1	L2	L3	H1	H2	W	D1	
1285099	1	22.3	45.0	-	30.0	15.0	1.5	5.0	40
1285100	2	81.0	64.5	40.5	40.0	24.0	1.5	4.6	40
1284317	3	75.0	55.5	25.0	20.0	-	1.5	4.6	40

## Stainless Steel Lift Off Hinge

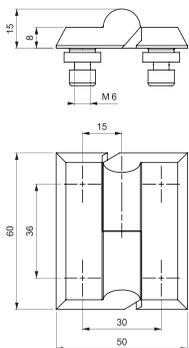
SR 5079

BODY: Stainless steel (AISI 316)

PIN: Stainless steel (AISI 303)



- Concealed mounting screws prevent external access to hinge
- Designed for plain/flush-mounted doors
- Suitable for left- and right-hand applications



Part Number	Door Locking Direction	Standard Pack Quantity
359940001E	Right Hand	100
359940002E	Left Hand	100

## Stainless Steel Leaf Hinge

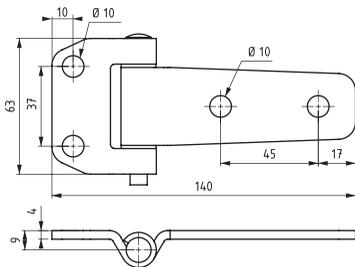
SR 5080

BODY: Stainless steel (AISI 304)

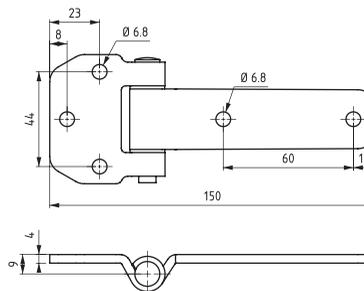
PIN: Stainless steel (AISI 303)



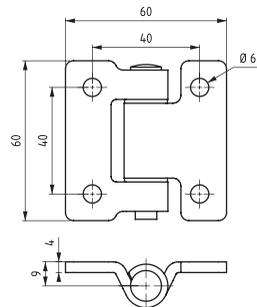
- Generally, used for plain/flush mounted, isolated, heavy doors.
- Both parts are attached by screws or nuts and bolts
- Hinge rotation angle is 180°



V:1



V:2



V:3

Part Number	Version	Standard Pack Quantity
1599404E	1	100
1599405E	2	100
1599406E	3	100

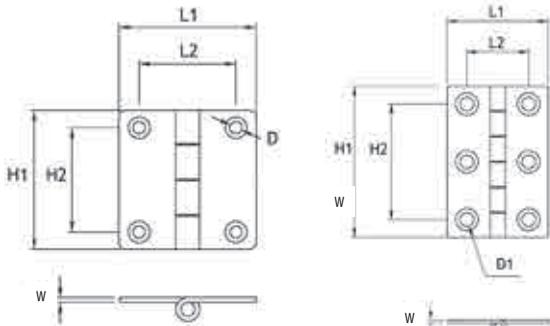
## Square Stainless Steel Hinges

SR 5420

Polished Stainless Steel 304

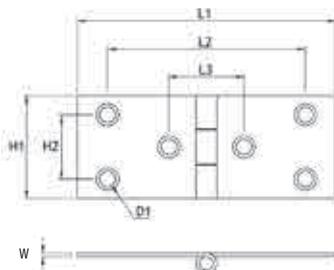


- General purpose hinges suitable for a wide variety of applications
- Countersunk holes

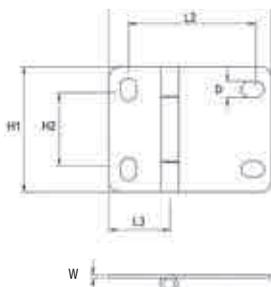


Types 1 to 4

Type 5



Type 6 & 7



Type 8



Type 1



Type 2



Type 3



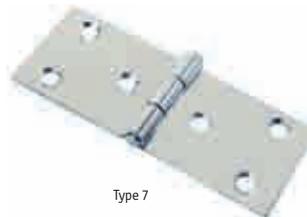
Type 4



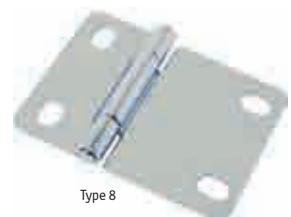
Type 5



Type 6



Type 7



Type 8

Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		L1	L2	L3	H1	H2	W	D1	
1284312	1	39.0	27.6	-	40.0	30.0	1.5	3.5	40
1284313	2	40.0	25.3	-	40.0	21.2	1.5	4.6	40
1284314	3	39.0	23.0	-	40.0	24.0	1.5	4.6	40
1285096	4	90.0	60.0	-	60.0	40.0	3.0	6.3	40
1285097	5	33.5	20.5	-	50.8	38.8	1.0	4.6	40
1285098	6	49.5	35.5	22.8	60.0	48.0	1.5	3.7	40
1287382	7	100.0	77.0	29.0	40.0	25.0	1.5	6.0	20
1284315	8	70.5	55.0	26.5	55.0	32.0	1.5	6.8	20

## Angled Stainless Steel Hinges

SR 5422

Polished Stainless Steel AISI 304



- General purpose hinges suitable for a wide variety of applications
- Countersunk holes



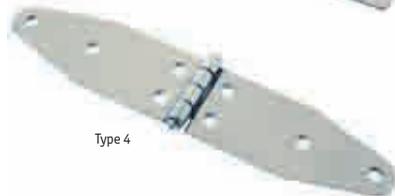
Type 1



Type 2



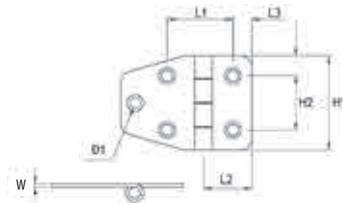
Type 3



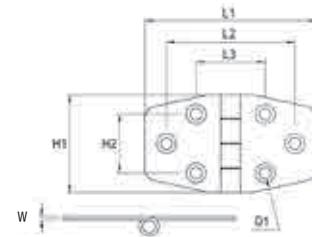
Type 4



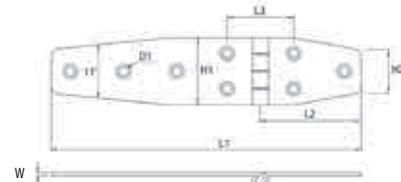
Type 5



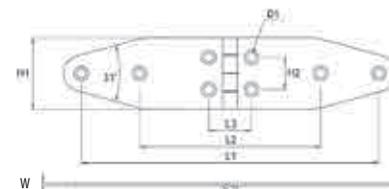
Type 1



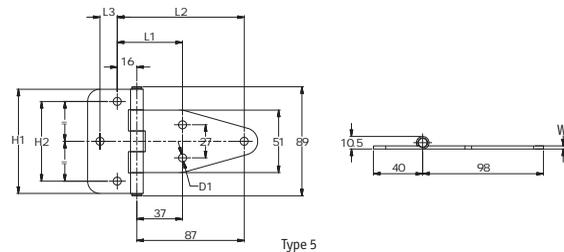
Type 2



Type 3



Type 4



Type 5

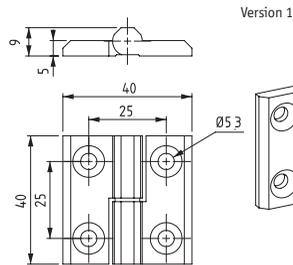
Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		L1	L2	L3	H1	H2	W	D1	
1284316	1	27.5	20.3	8.0	40.0	23.0	1.5	4.5	40
1287383	2	69.5	52.0	28.0	40.0	24.0	1.5	4.7	40
1285101	3	175.0	57.0	38.0	38.0	23.5	2.0	5.2	20
1287384	4	53.0	103.0	14.0	85.0	65.0	1.5	6.5	50
59940	5	165.0	100.5	23.6	40.0	18.0	2.5	5.2	20

## Stainless Steel Lift-Off Hinge

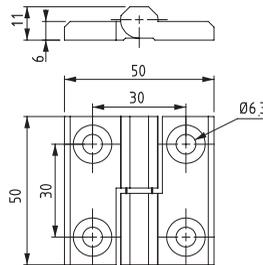
SR 5081

Stainless Steel (AISI 316)

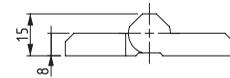
- Lift off hinge
- Suitable for left- and right-hand applications
- Opening angle 270°



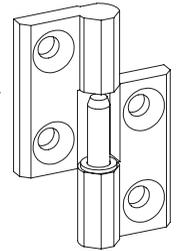
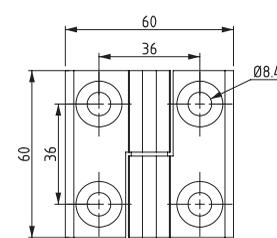
Version 1



Version 2



Version 3



Part Number	Version	Door-Locking Directions	Standard Pack Quantity
3299401001E	1	Right hand	50
3299401002E	1	Left hand	50
3099401001E	2	Right hand	50
3099401002E	2	Left hand	50
3399401001E	3	Right hand	50
3399401002E	3	Left hand	50

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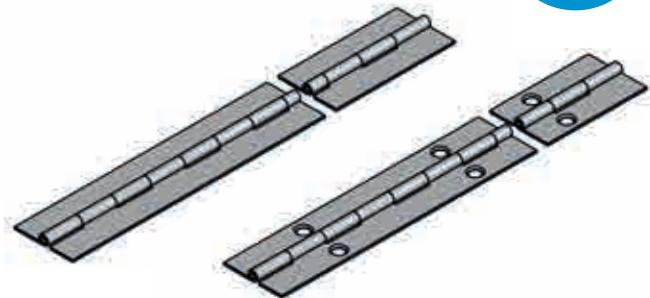
[www.essentracomponents.ie](http://www.essentracomponents.ie)

# HINGES

## 0.8mm Continuous Hinge

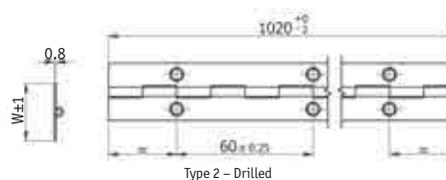
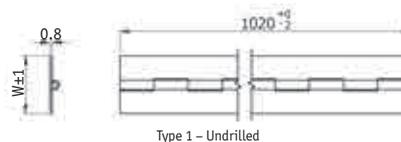
SR 5589

Steel/304 Stainless



- Light duty continuous hinge
- Sold in packs of 2 x 1020mm lengths
- Available drilled or undrilled
- Can be riveted, screwed or welded in position
- Ideal for lightweight furniture, cabinet/enclosures and sheetmetal fabrication
- Drilled type has holes to suit countersunk No.4 screws

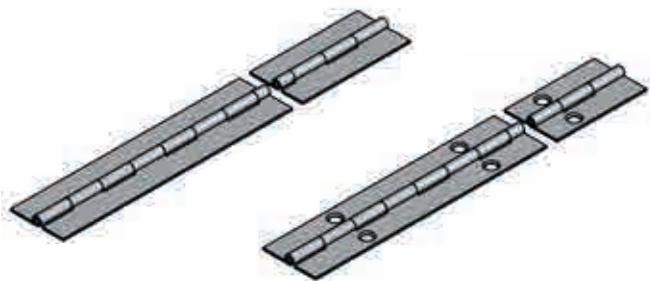
Part Number	W (mm)	Type	Material	Standard Pack Quantity (Pair)
1330673	25	1	Steel	2
1330674	25	2	Steel	2
1330675	30	1	Steel	2
1330676	30	2	Steel	2
1330689	25	1	Stainless Steel	2
1330690	25	2	Stainless Steel	2
1330691	30	1	Stainless Steel	2
1330692	30	2	Stainless Steel	2
1330677	40	1	Steel	2
1330686	40	2	Steel	2
1330693	40	1	Stainless Steel	2
1330704	40	2	Stainless Steel	2



## 1.0mm/1.2mm Continuous Hinge

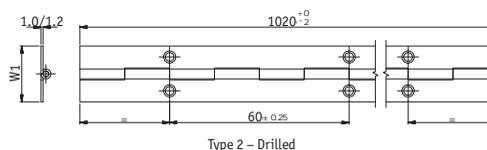
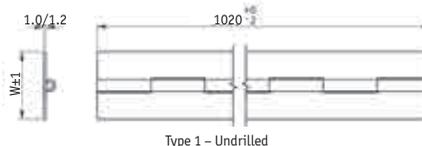
SR 5590

Steel/304 Stainless



- Light duty continuous hinge
- Sold in packs of 2 x 1020mm lengths
- Available drilled or undrilled
- Can be riveted, screwed or welded in position
- Ideal for lightweight furniture, cabinet/enclosures and sheetmetal fabrication
- Drilled type has holes to suit countersunk No.5 screws

Part Number	Thickness (mm)	W (mm)	Type	Material	Standard Pack Quantity (Pair)
1330678	1.0	30	1	Steel	2
1330679	1.0	30	2	Steel	2
1330694	1.0	30	1	Stainless Steel	2
1330695	1.0	30	2	Stainless Steel	2
1330680	1.2	40	1	Steel	2
1330681	1.2	40	2	Steel	2
1330696	1.2	40	1	Stainless Steel	2
1330697	1.2	40	2	Stainless Steel	2



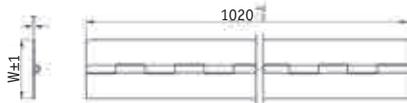
## 1.2mm Continuous Hinge

SR 5591

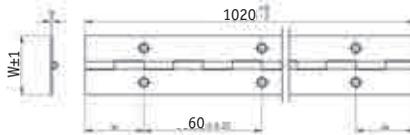
Steel/304 Stainless Steel



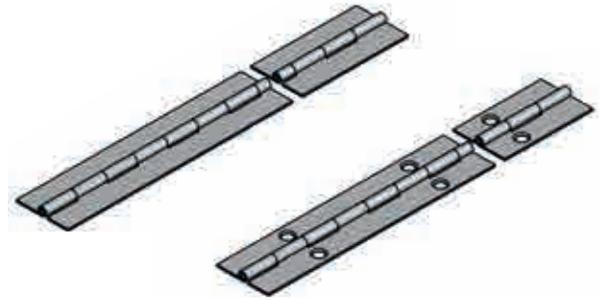
- Medium duty continuous hinge
- Sold in packs of 2 x 1016mm lengths
- Available drilled or undrilled
- Can be riveted, screwed or welded in position
- Suits a wide range of commercial and engineering applications
- Drilled type has holes to suit countersunk No.6 screws



Type 1 - Undrilled



Type 2 - Drilled



Part Number	W (mm)	Type	Material	Standard Pack Quantity (Pair)
1330682	50	1	Steel	2
1330683	50	2	Steel	2
1330698	50	1	Stainless Steel	2
1330699	50	2	Stainless Steel	2

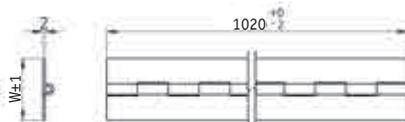
## 2mm Continuous Hinge

SR 5592

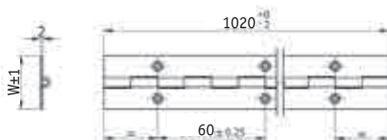
Steel or 304 Stainless Steel



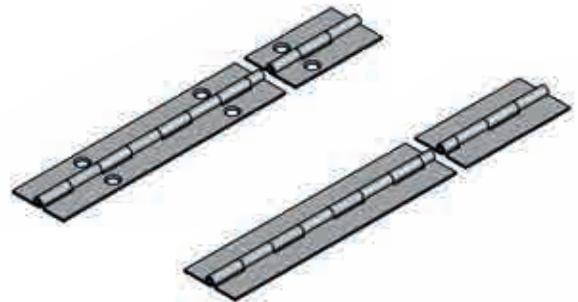
- Heavy duty continuous hinge
- Sold in packs of 2 x 1016mm lengths
- Available drilled or undrilled
- Can be riveted, screwed or welded in position
- Suits a wide range of commercial and engineering applications
- Drilled type has holes to suit countersunk No.6 screws



Type 1 - Undrilled



Type 2 - Drilled



Part Number	W (mm)	Type	Material	Standard Pack Quantity (Pair)
1330684	50	1	Steel	2
1330687	50	2	Steel	2
1330700	50	1	Stainless Steel	2
1330703	50	2	Stainless Steel	2
1330685	60	1	Steel	2
1330688	60	2	Steel	2
1330701	60	1	Stainless Steel	2
1330702	60	2	Stainless Steel	2

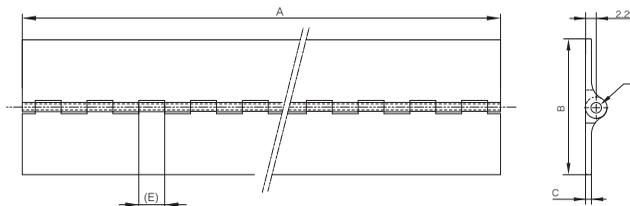
## 1.3mm Aluminium Continuous Hinge

SR 5082

Alu 6082 T5

Pin: Stainless Steel

- Aluminium profile with a small pin diameter
- Undrilled with weld on finish
- Dimensions used within aviation



Part Number	Finish	Dimensions (mm)					Standard Pack Quantity
		A	B	C	D	E	
1334603	Anodised	915	31.75	1.3	2.2	12.7	25
1334604	Raw	1830	31.75	1.3	2.2	12.7	25
1334605	Anodised	915	44.45	1.3	2.2	12.7	25
1334606	Raw	1830	44.45	1.3	2.2	12.7	25
1334607	Anodised	915	63.5	1.3	2.2	12.7	25
1334608	Raw	1830	63.5	1.3	2.2	12.7	25

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CONTINUOUS  
HINGES.  
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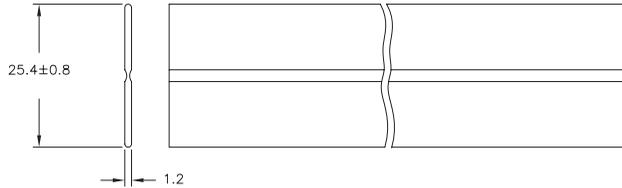
## Single Living Hinge

SR 5083

SLH-16-1

Natural Polypropylene

0 to 65°C



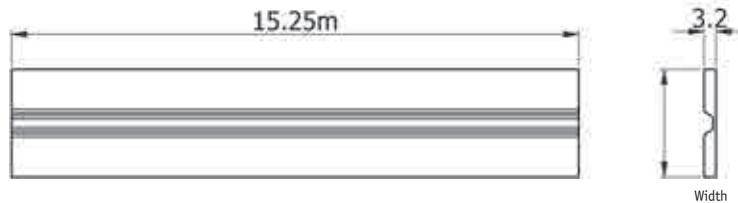
Part Number	Standard Pack Quantity (metres)
SLH-16-1	30m Rolls

## Continuous Plastic Hinge

SR 5578

Polypropylene

- Temperature range -40°C to +80°C
- Can be fixed with rivets, screws, nails or clamps
- Chemical resistance: oil, solvents and sea water
- Tensile resistance – 180N/cm
- Supplied in 15.25m rolls



Part Number	Colour	Width	Standard Pack Quantity (metres)
493466	White	28.6	15.25
493467	Grey	28.6	15.25
493468	Black	28.6	15.25
493469	White	38.1	15.25
493470	Grey	38.1	15.25
493471	Black	38.1	15.25
493472	White	50.8	15.25
493473	Grey	50.8	15.25
493474	Black	50.8	15.25

## Steel Weld On Hinge

SR 5582

Steel/Brass

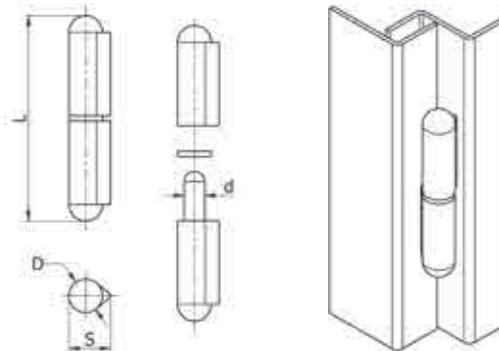
- Very simple design
- Available with steel or brass pin
- Extremely versatile
- Available with or without grease nipple

Type 1



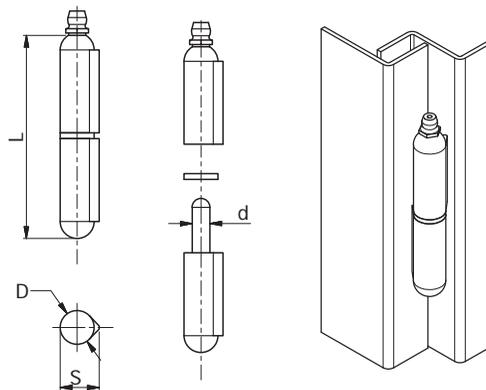
Steel Pin

Brass Pin



Part Number		Type	Dimensions (mm)				Standard Pack Quantity
Steel Pin Version	Brass Pin Version		L	D	d	S	
1349723	1349739	1	40.0	8.0	5.0	10.0	50
1349735	1349740	1	50.0	8.0	5.0	10.0	50
1349724	1349741	1	60.0	10.0	6.0	11.9	50
1349736	1349742	1	70.0	11.5	6.0	13.2	25
1349725	1349728	1	80.0	13.0	8.0	15.5	25
1349726	1349729	1	100.0	16.0	10.0	19.6	25
1349737	1349743	1	120.0	16.0	10.0	19.6	25
1349727	1349744	1	150.0	20.0	13.0	25.4	25
1349738	1349745	1	180.0	20.0	13.0	25.4	25

Type 2



Part Number		Type	Dimensions (mm)				Standard Pack Quantity
Steel Pin Version	Brass Pin Version		L	D	d	S	
1349750	1349757	2	60.0	10.0	6.0	11.9	50
1349751	1349758	2	70.0	11.5	6.0	13.2	25
1349752	1349734	2	80.0	13.0	8.0	15.5	25
1349753	1349759	2	100.0	16.0	10.0	19.6	25
1349754	1349760	2	120.0	16.0	10.0	19.6	25
1349755	1349761	2	150.0	20.0	13.0	25.4	25
1349756	1349762	2	180.0	20.0	13.0	25.4	25

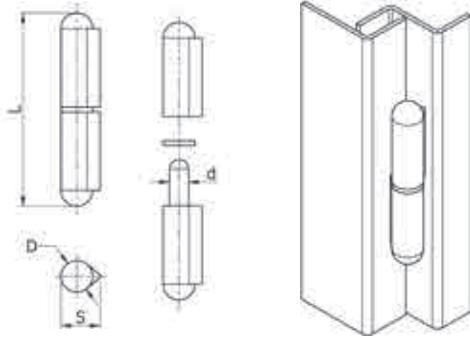
# Aluminium Weld On Hinge

SR 5583  
Aluminium



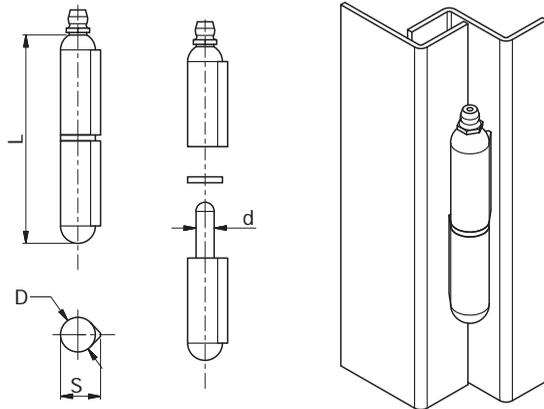
- Very simple design
- Stainless Steel washer
- Extremely versatile
- Available with or without grease nipple

Type 1



Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		L	D	d	S	
1349730	1	60.0	10.0	6.0	11.9	50
1349731	1	80.0	13.0	8.0	15.5	50
1349746	1	100.0	16.0	10.0	19.6	20
1349747	1	120.0	16.0	10.0	19.6	20

Type 2



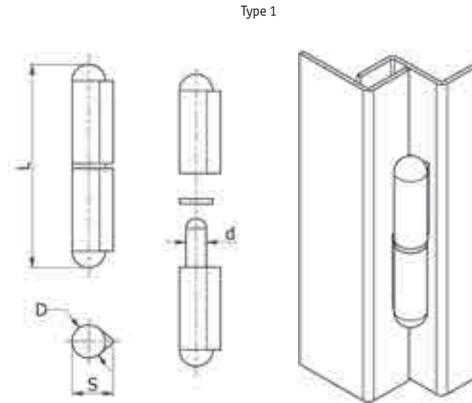
Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		L	D	d	S	
1349763	2	60.0	10.0	6.0	11.9	50
1349764	2	80.0	13.0	8.0	15.5	50
1349765	2	100.0	16.0	10.0	19.6	25
1349766	2	120.0	16.0	10.0	19.6	25

## Stainless Steel Weld On Hinge

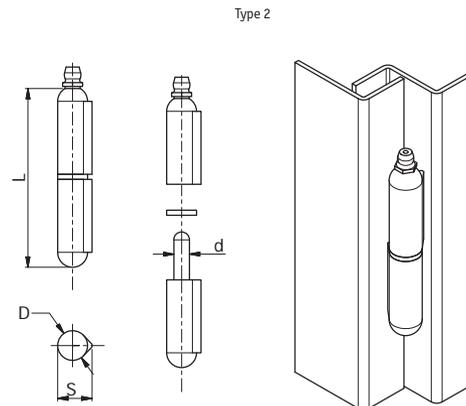
SR 5584

Stainless Steel

- Very simple design
- Extremely versatile
- Available with or without grease nipple



Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		L	D	d	S	
1349748	1	60.0	10.0	6.0	11.9	50
1349732	1	80.0	13.0	8.0	15.5	25
1349733	1	100.0	16.0	10.0	19.6	25
1349749	1	120.0	16.0	10.0	19.6	25



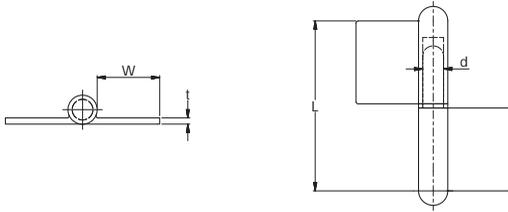
Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		L	D	d	S	
1349767	2	60.0	10.0	6.0	12.5	50
1349768	2	80.0	13.0	8.0	16.0	25
1349769	2	100.0	16.0	10.0	20.0	25
1349770	2	120.0	16.0	10.0	20.0	25

## Rolled Flag Hinges

SR5477

Stainless Steel, Steel or Aluminium

- Fixed pin hinge
- Two part rolled steel body with round end caps and brass washers
- Hinges are handed

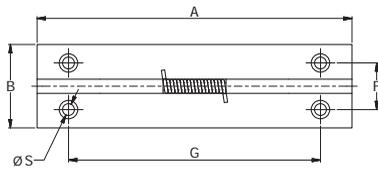


Part Number		Dimensions (mm)				Body Material	Pin Material	End Cap Material	Standard Pack Quantity
Right Handed	Left Handed	L	W	t	d				
497628	497909	60	30	3	10	Stainless Steel	Stainless steel	Stainless Steel	20
497629	497910	80	30	3	10	Stainless Steel	Stainless steel	Stainless Steel	20
497630	497911	100	50	3	10	Stainless Steel	Stainless steel	Stainless Steel	10
497631	497912	120	50	3	10	Stainless Steel	Stainless steel	Stainless Steel	10
499574	497917	60	30	3	10	Aluminium	Stainless steel	Aluminium	20
499575	497918	80	30	3	10	Aluminium	Stainless steel	Aluminium	20
499576	497919	100	50	3	10	Aluminium	Stainless steel	Aluminium	10
499577	497920	120	50	3	10	Aluminium	Stainless steel	Aluminium	10
497632	497913	60	30	3	10	Steel	Steel	Steel	20
497633	497914	80	30	3	10	Steel	Steel	Steel	20
497634	497915	100	50	3	10	Steel	Steel	Steel	10
499573	497916	120	50	3	10	Steel	Steel	Steel	10
499578	498423	60	30	3	10	Steel	Brass	Steel	20
499579	498424	80	30	3	10	Steel	Brass	Steel	20
499580	498425	100	50	3	10	Steel	Brass	Steel	10
499581	498426	120	50	3	10	Steel	Brass	Steel	10

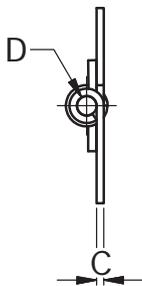
## Spring Hinges

SR5472

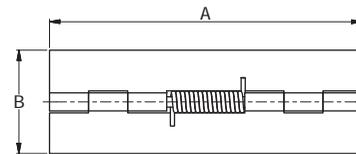
Drilled



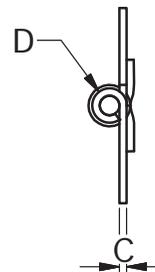
Opening Spring



Undrilled



Closing Spring



CONTINUED ON NEXT PAGE

## Spring Hinge 50 x 50

### Opening spring force in N.m:

M(0°):1,5 N.m/M(90°): 1,1 N.m/M(180°): 0,65 N.m

### Closing spring force in N.m:

M(0°):0,25 N.m/M(90°): 0,65 N.m/M(180°):1,1 N.m

Part Number	Material/Finish	Spring Action	Type - Holes	Spring Material	Dimensions (mm)							Standard Pack Quantity
					A	B	C	D	F	G	S	
497591	Steel/Zinc Plated	Opening	Drilled - 4	Stainless Steel	50	50	2	4	9	30	5	25
497593	304 Stainless Steel/Raw	Opening	Drilled - 4	Stainless Steel	50	50	2	4	10	30	5	25
497592	Steel/Zinc Plated	Closing	Drilled - 4	Stainless Steel	50	50	2	4	9	30	5	25
497594	304 Stainless Steel/Raw	Closing	Drilled - 4	Stainless Steel	50	50	2	4	10	30	5	25

## Spring Hinge 60 x 35

### Opening spring force in N.m:

M(0°):0,09 N.m/M(90°): 0,07 N.m/M(180°): 0,045 N.m

### Closing spring force in N.m:

M(0°):0,045 N.m/M(90°): 0,07 N.m/M(180°): 0,09 N.m

Part Number	Material/Finish	Spring Action	Type - Holes	Spring Material	Dimensions (mm)							Standard Pack Quantity
					A	B	C	D	F	G	S	
497586	Steel/Raw	Opening	½ Drilled - 2*	Steel	60	35	1	3	7.5	35	5	25
497587	Steel/Raw	Opening	½ Drilled - 2*	Stainless Steel	60	35	1	3	7.5	35	5	25
497588	Steel/Raw	Closing	½ Drilled - 2*	Stainless Steel	60	35	1	3	7.5	35	5	25

\*Holes on one side only

## Spring Hinge 75 x 20

### Opening spring force in N.m:

M(0°):0,12 N.m/M(90°): 0,09 N.m/M(180°): 0,06 N.m

Part Number	Material/Finish	Spring Action	Type - Holes	Spring Material	Dimensions (mm)							Standard Pack Quantity
					A	B	C	D	F	G	S	
497589	Steel/Raw	Opening	Drilled - 4	Stainless Steel	75	20	0.8	1.8	11.2	60	2.8	25
497590	304 Stainless Steel/Raw	Opening	Drilled - 4	Stainless Steel	75	20	0.8	1.8	11.2	60	2.8	25

## Spring Hinge 120 x 40

### Opening spring force in N.m:

M(0°):0,85 N.m/M(90°): 0,56 N.m/M(180°): 0,28 N.m

### Closing spring force in N.m:

M(0°):0,28 N.m/M(90°): 0,56 N.m/M(180°): 0,85 N.m

Part Number	Material/Finish	Spring Action	Type - Holes	Spring Material	Dimensions (mm)							Standard Pack Quantity
					A	B	C	D	F	G	S	
550042	Stainless Steel/Raw	Opening	Drilled - 4	Stainless Steel	120	40	1.5	4	22.7	60	4	25
550044	Stainless Steel/Raw	Opening	Undrilled	Stainless Steel	120	40	1.5	4	-	-	-	25
550043	Stainless Steel/Raw	Closing	Drilled - 4	Stainless Steel	120	40	1.5	4	22.7	60	4	25
550045	Stainless Steel/Raw	Closing	Undrilled	Stainless Steel	120	40	1.5	4	-	-	-	25

## Spring Hinge 180x40

### Opening spring force in N.m:

M(0°):1,7 N.m/M(90°): 1,1 N.m/M(180°): 0,56 N.m

### Closing spring force in N.m:

M(0°):0,56 N.m/M(90°): 1,1 N.m/M(180°): 1,7 N.m

Part Number	Material/Finish	Spring Action	Type - Holes	Spring Material	Dimensions (mm)							Standard Pack Quantity
					A	B	C	D	F	G	S	
550046	304 Stainless Steel/Raw	Opening	Drilled - 6	Stainless Steel	180	40	1.5	4	22.7	60	4	25
550048	304 Stainless Steel/Raw	Opening	Undrilled	Stainless Steel	180	40	1.5	4	-	-	-	25
550047	304 Stainless Steel/Raw	Closing	Drilled - 6	Stainless Steel	180	40	1.5	4	22.7	60	4	25
550049	304 Stainless Steel/Raw	Closing	Undrilled	Stainless Steel	180	40	1.5	4	-	-	-	25

## Spring Hinge 240x40

### Opening spring force in N.m:

M(0°):2,55 N.m/M(90°): 1,68 N.m/M(180°): 0,84 N.m

### Closing spring force in N.m:

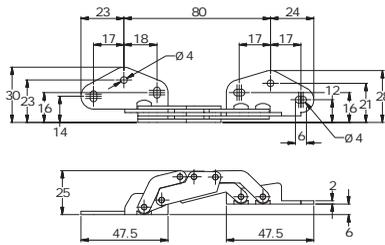
M(0°):0,84 N.m/M(90°): 1,68 N.m/M(180°): 2,55 N.m

Part Number	Material/Finish	Spring Action	Type - Holes	Spring Material	Dimensions (mm)							Standard Pack Quantity
					A	B	C	D	F	G	S	
550050	304 Stainless Steel/Raw	Opening	Drilled - 8	Stainless Steel	240	40	1.5	4	22.7	60	4	25
550052	304 Stainless Steel/Raw	Opening	Undrilled	Stainless Steel	240	40	1.5	4	-	-	-	25
550051	304 Stainless Steel/Raw	Closing	Drilled - 8	Stainless Steel	240	40	1.5	4	22.7	60	4	25
550053	304 Stainless Steel/Raw	Closing	Undrilled	Stainless Steel	240	40	1.5	4	-	-	-	25

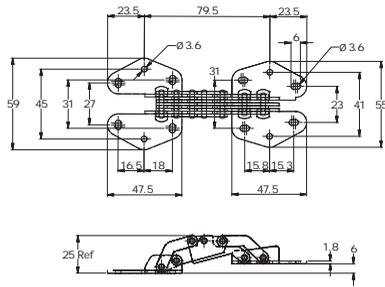
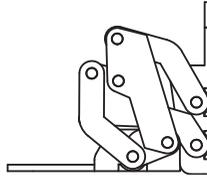
## Concealed Hinges

SR 5468

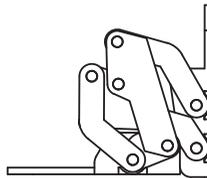
Steel



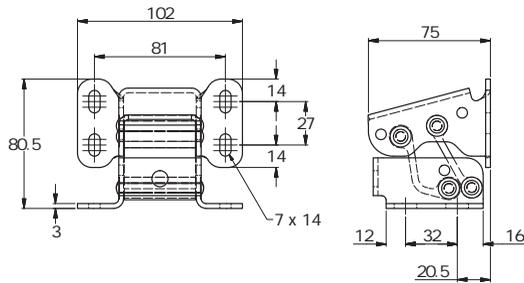
Type 1



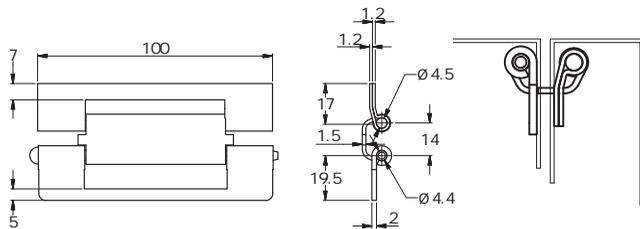
Type 2



Part Number	Type	Dimensions (mm)		Orientation	Standard Pack Quantity
		Height	Length		
497568	1	30.2	126.5	Left Handed	25
497569	1	30.2	126.5	Right Handed	25
497570	2	58.6	126.5	Non-Handed	25



Part Number	Standard Pack Quantity
497571	20



Part Number	Standard Pack Quantity
497572	25

## Handed Hinges

- 90° Hinge Rotation Angle
- Reinforced multi-links articulation design offers a high resistance to bending and twisting due to high rigidity
- Left-hand and right-hand application is possible
- High mechanical strength
- Suitable for light or heavy duty applications
- Zinc plated



## Pin Hinges

- 110° Hinge Rotation Angle
- High mechanical strength
- Ideal for heavy duty applications
- Zinc plated
- Anodised aluminium links



## Hinges with Removable Pin

- 180° Hinge Rotation Angle
- Ideal for metallic enclosures
- Door opens at two stages
- Removable pin makes for straightforward disassembly of doors
- Robust fixing by welding
- Maximum door thickness of 1mm

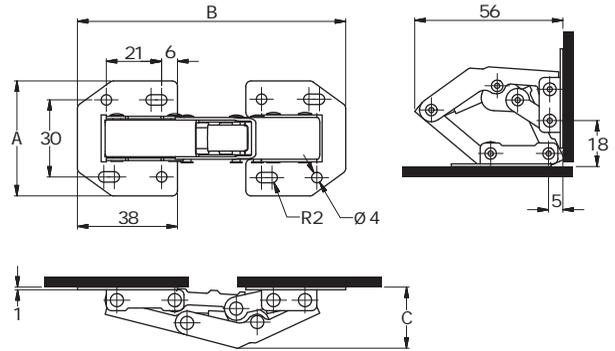


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## Concealed Hinges CONTINUED

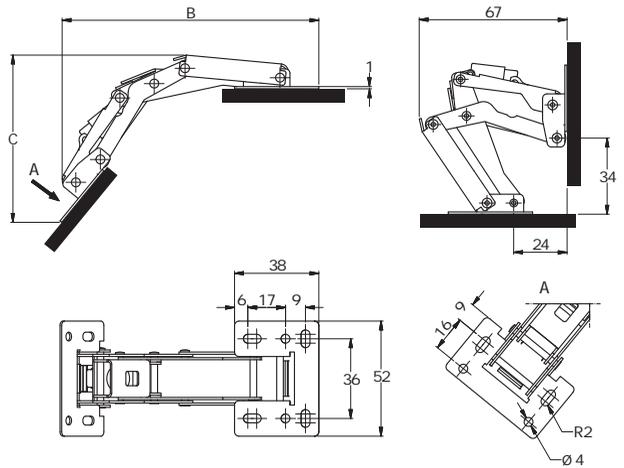
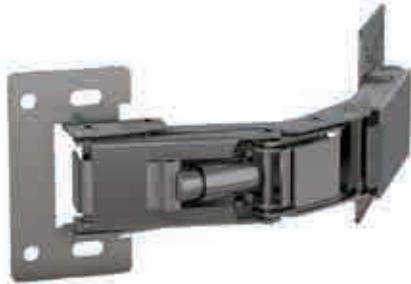
SR 5468

### Spring Loaded Concealed Hinge 90° Opening



Part Number	Material	Finish	Dimensions (mm)			Standard Pack Quantity
			A	B	C	
550065	316 Stainless Steel	Raw	44	104.5	26	20

### Spring Loaded Concealed Hinge 150° Opening



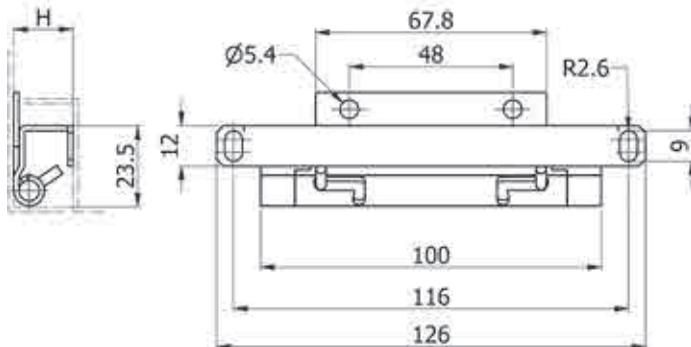
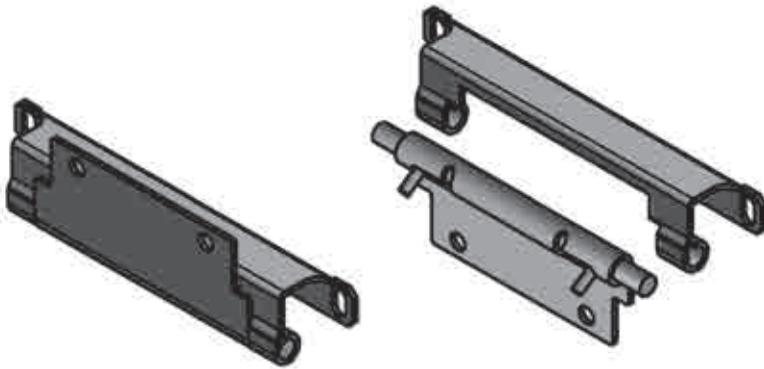
Part Number	Material	Finish	Dimensions (mm)			Standard Pack Quantity
			A	B	C	
550066	Steel	Nickel Plated	52	112	81	20
550067	304 Stainless Steel	Electro Plated	52	112	81	20

## Removable Concealed Hinge

SR 5599

Zinc Plated Steel

- Concealed hinge
- Allows quick and easy door removal
- To suit M5 screws (not supplied)
- 120° Hinge rotation angle



Part Number	H (mm)	Standard Pack Quantity
493581	17.5	10
493582	20.5	10
493583	23.9	10

## Concealed Hinges

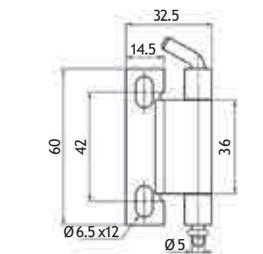
SR 5545

Zinc Plated Steel/Copper Plated or Stainless Steel

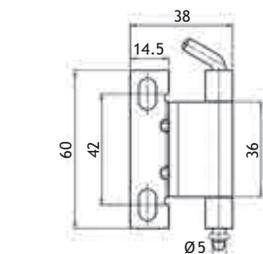
AISI 304



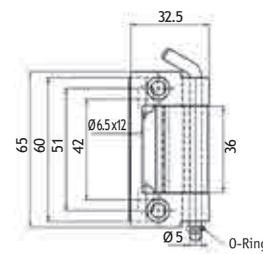
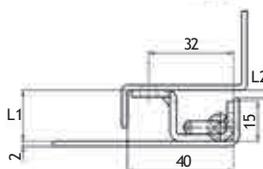
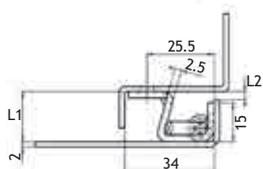
- Left-hand and right-hand application is possible
- Ideal for metal enclosures and machinery covers
- Type 1-6: Hinge rotational angle of 120°
- Type 5: Frame part – screw on, door part – weld on
- Type 7: Hinge rotational angle of 135°
- Type 8 & 9: Suitable for internally mounted doors



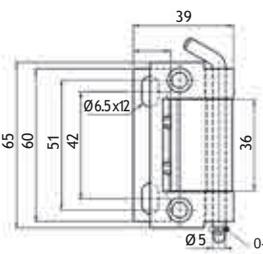
Type 1



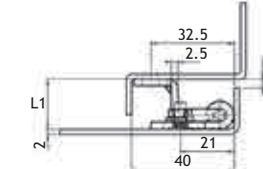
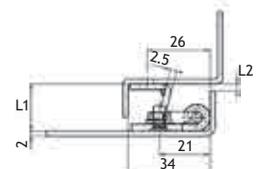
Type 2



Type 3



Type 4



### Type 1 & 2 – (frame Part screw on and door part welded on)

Part Number		Type	L1	Standard Pack Quantity
Zinc Plated Steel	Stainless Steel			
295631E	295401E	1	20	100
295632E	295402E	2	24	100
295633E	295403E	2	20	100
295634E	295404E	2	24	100

### Type 3 & 4

Part Number		Type	L1	Standard Pack Quantity
Zinc Plated Steel	Stainless Steel			
395631E	395401E	3	20	100
395632E	395402E	3	24	100
395633E	395403E	4	20	100
395634E	395404E	4	24	100

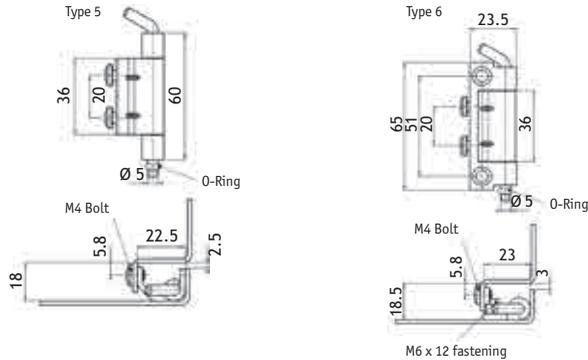
## Concealed Hinge CONTINUED

SR 5545

Zinc Plated Steel or Stainless Steel AISI 304

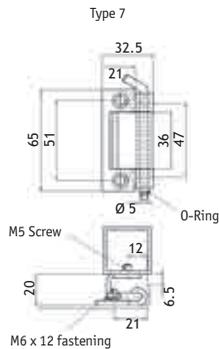


- Left-hand and right-hand application is possible
- Ideal for metal enclosures and machinery covers
- Type 1-6: Hinge rotational angle of 120°
- Type 5: Frame part – screw on, door part – weld on
- Type 7: Hinge rotational angle of 135°
- Type 8 & 9: Suitable for internally mounted doors



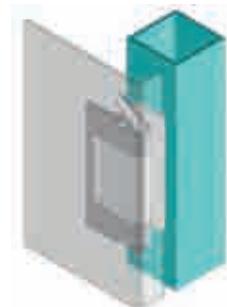
Type 5 & 6

Part Number		Type	Standard Pack Quantity
Zinc Plated Steel	Stainless Steel		
695631E	695401E	5	100
695632E	695402E	6	100



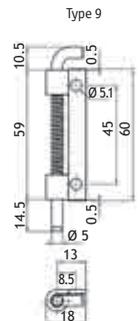
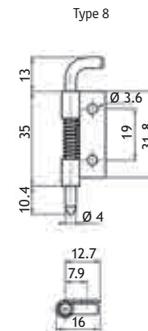
Type 7

Part Number		Type	Standard Pack Quantity
Zinc Plated Steel	Stainless Steel		
79563E	79540E	7	100



Type 8 & 9 (spring loaded for easy door removal)

Part Number				Type	Standard Pack Quantity
Zinc Plated Steel		Stainless Steel			
Left Hand	Right Hand	Left Hand	Right Hand		
289631002E	289631001E	289401002E	289401001E	8	50
289632002E	289632001E	289402002E	289402001E	9	50

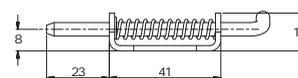
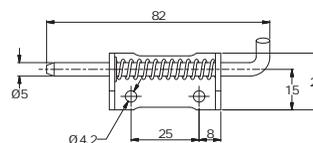


## Concealed Springloaded Pin Hinge

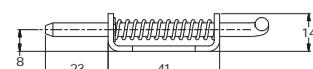
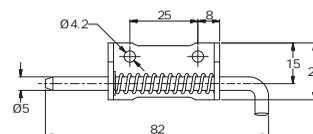
SR 5469

Stainless Steel

- Retractable spring loaded pin allows the quick assembly and disassembly of the door without the aid of a tool
- Left-hand and right-hand application is possible
- Can be used as both a locking and positioning device



Type 1



Type 2



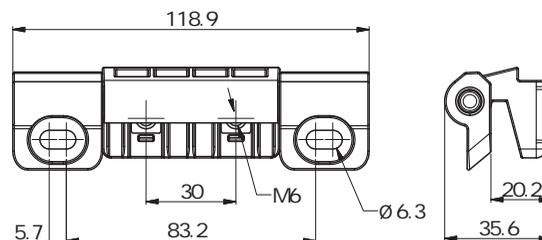
Part Number	Type	Housing Material	Finish	Dimensions (mm)					Standard Pack Quantity
				L	H	W	Pin Diameter	d	
497573	1	Steel	Raw	82	21	14	5	12	25
497575	1	Steel	Zinc Plated	82	21	14	5	12	25
497577	1	304 Stainless Steel	Raw	82	21	14	5	12	25
497574	2	Steel	Raw	82	21	14	5	12	25
497576	2	Steel	Zinc Plated	82	21	14	5	12	25
497578	2	304 Stainless Steel	Raw	82	21	14	5	12	25

## Concealed Hinge

SR 5482

ABS

- Suitable for lightweight panels and applications
- Left and right hand application is possible
- Suitable for M6 screws
- 90° hinge rotation angle



Part Number	Standard Pack Quantity
394E	20

## Stainless Steel Concealed Hinge

SR B-0005

Material

Body: Steel

Welding part: Zamak DIN-EN 1774-ZnAl4Cu1

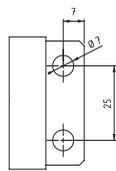


Finish

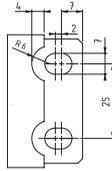
Body: Stainless Steel (AISI 304)

Pin: Stainless Steel (AISI 303)

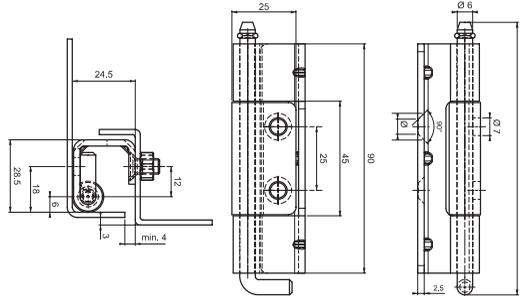
- Ease of access with simple and quick door removal by removing pin
- Suitable for heavy-duty applications
- Ideal for outdoor applications



Circular



Slotted



Part Number	Hole Type	Standard Pack Quantity
99540410E	Circular	50
99540420E	Slotted	50

## Concealed Hinge

SR 5084

Material

Body: Steel

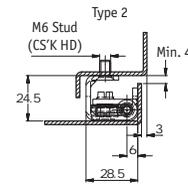
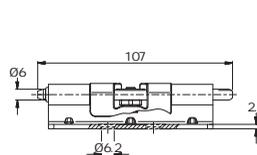
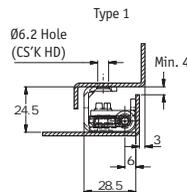
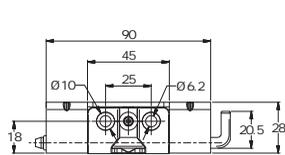
Welding part: Zamak DIN-EN 1774-ZnAl4Cu1

Finish

Body: Zinc plated

Welding part: Zinc plated

- Suitable for heavy duty application
- Door part can be removed out by screw
- Suitable for 25mm door bend cabinets
- Hinge rotation angle 110°



Part Number	Type	Standard Pack Quantity
9956320	1	50
9956321	2	50

## Corner Hinges

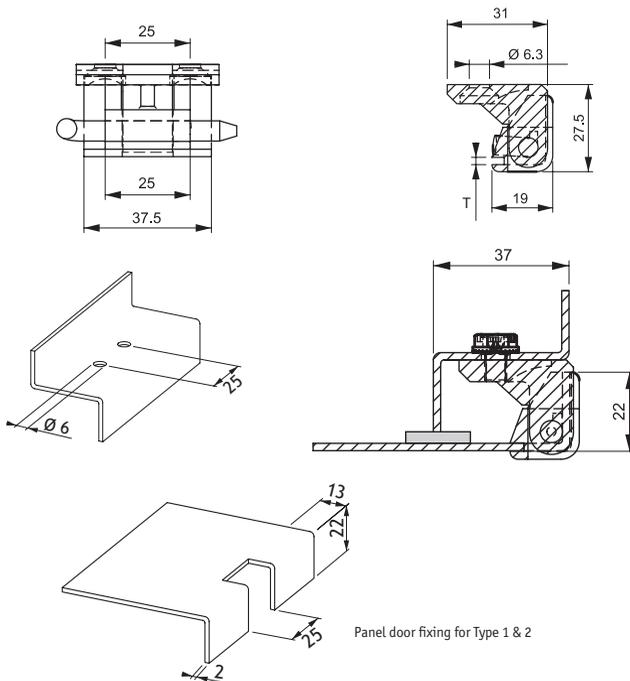
SR 5508

Die-Cast Zinc Alloy

- Pin type 1 from plastic (POM)
- Pin type 2 from stainless steel
- Hinge rotational angle of 180°



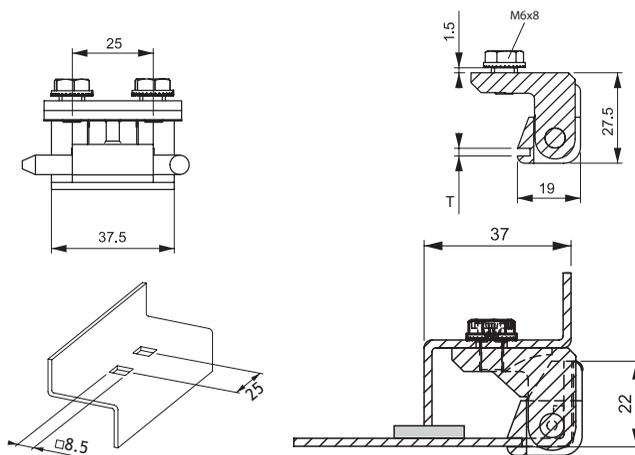
Type 1



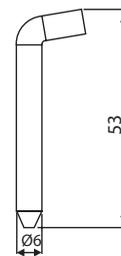
Panel door fixing for Type 1 & 2



Type 2



P=2



Pin Type (P)

Part Number	Type	Pin Type (P)	Panel Thickness (mm)	T (mm)	Standard Pack Quantity
098122E	1	2	2	2.2	50
298122E	2	2	2	2.2	50

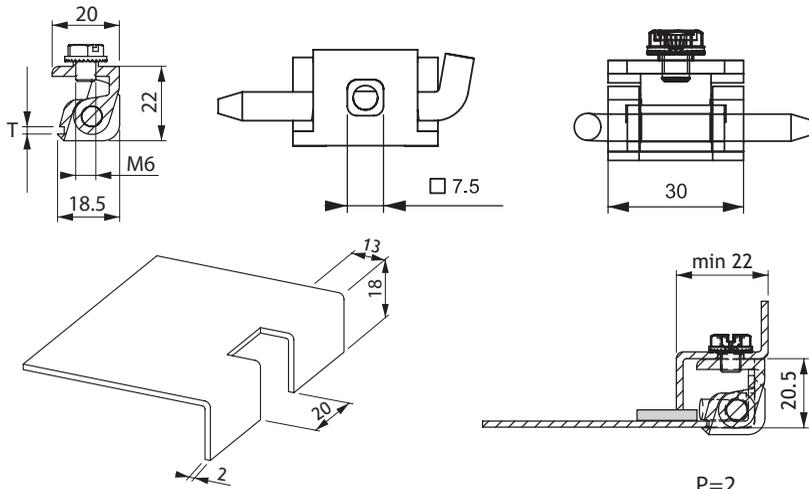
All dimensions in mm

## Corner Hinge CONTINUED

SR 5508

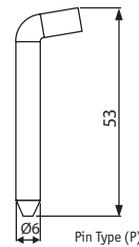
Die-Cast Zinc Alloy

- Pin type 2 from stainless steel
- Hinge rotational angle of 180°

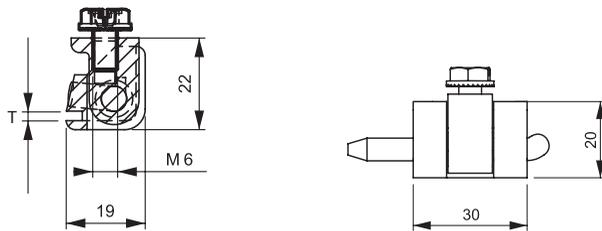


Type 3

P=2



Pin Type (P)



Type 4

Dimensions (mm)		Type	Pin Type (P)	Panel Thickness (mm)	T	Standard Pack Quantity
Chrome	Black Coated					
09711215E	09712215E	3	2	1.0-1.2	1.5	50
09711222E	09712222E	3	2	1.5-2.0	2.2	50
29711215E	29712215E	4	2	1.0-1.2	1.5	50
29711222E	29712222E	4	2	1.5-2.0	2.2	50

All dimensions in mm

CONTINUED ON NEXT PAGE

# HINGES

## Corner Hinges CONTINUED

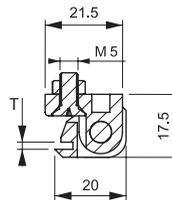
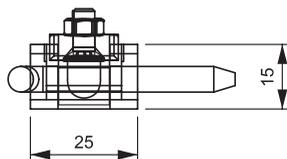
SR 5508

Polyamide 30% Glass Fibre Reinforced

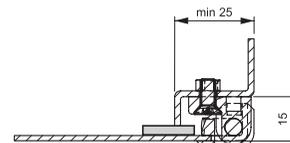
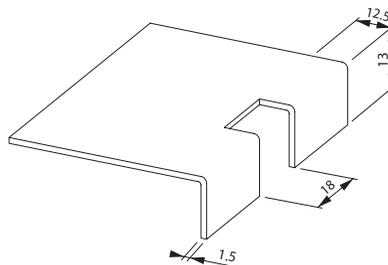
- Pin type 1 from plastic (POM)



Type 5



Pin Type (P)



Part Number	Type	Pin Type (P)	Panel Thickness (mm)	T	Standard Pack Quantity
197201E	5	1	1.5	2	100

All dimensions in mm

## Quick Release Panel Door Hinge

SR 5510

Steel

- For internally mounted doors
- To be welded
- Can be used as a pair or with hinge pin
- Hinge rotational angle of 110°



### Spring Loaded Corner Hinge

Part Number	Dimensions (mm)						Standard Pack Quantity
	d1	d2	d3	l1	l2	l3	
18910E	10.0	8.5	6.0	38.0	3.5	10.0	100
18912E	12.0	9.0	6.0	38.0	3.5	10.0	100
18915E	15.0	12.0	9.0	47.0	6.0	14.5	100

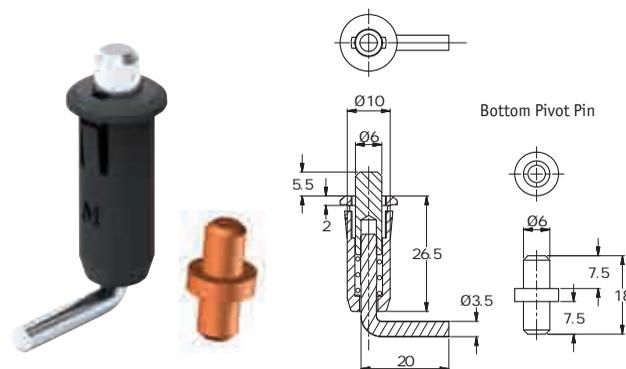
## Quick Release Panel Door Hinge

SR 5085

Body: Polyamide DIN-EN ISO 1043-1, PA6 GFR 30

Pin: Steel

- For internally mounted doors
- Spring loaded hinge to remove the door easily
- Clip fixing for easy assembly
- Hinge rotation 110°



### Spring Loaded Corner Hinge

Part Number	Standard Pack Quantity
389	50

### Hinge Pin

Part Number	Standard Pack Quantity
32003192E	100

## Side Hinges

SR 5544

Type 1 & 2: Chrome Plated Brass DIN 17672

Type 3: Die-Cast Zinc Alloy & Stainless Steel Pin

- Hinge rotational angle of 180°
- Type 1 & 2: High resistance hinge for medium and heavy door panels
- Type 1 & 2: Assembled using special screws (supplied)
- Type 1 & 2: High security
- Type 3: Lower security alternative

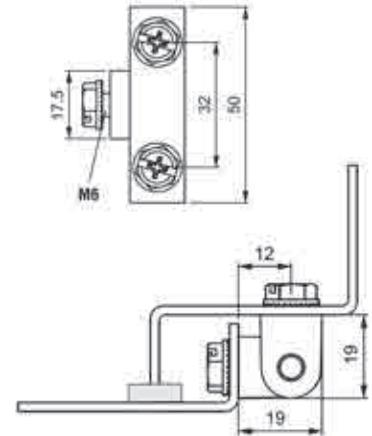
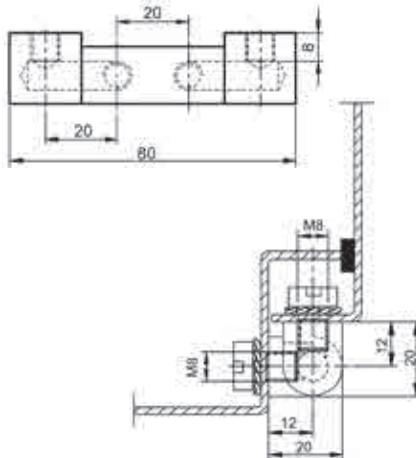
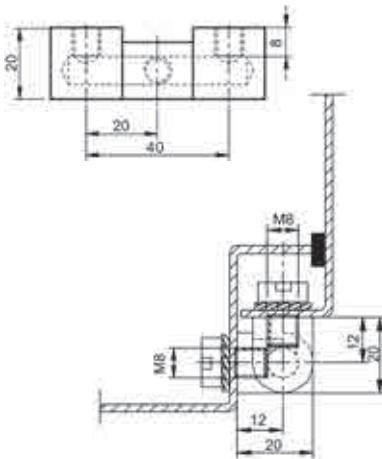
Type 1



Type 2



Type 3



Part Number	Type	Style	Standard Pack Quantity
29331E	1	Brass Profile Hinge	50
39331E	2	Brass Profile Hinge	50
69312E	3	Offset Hinge	50

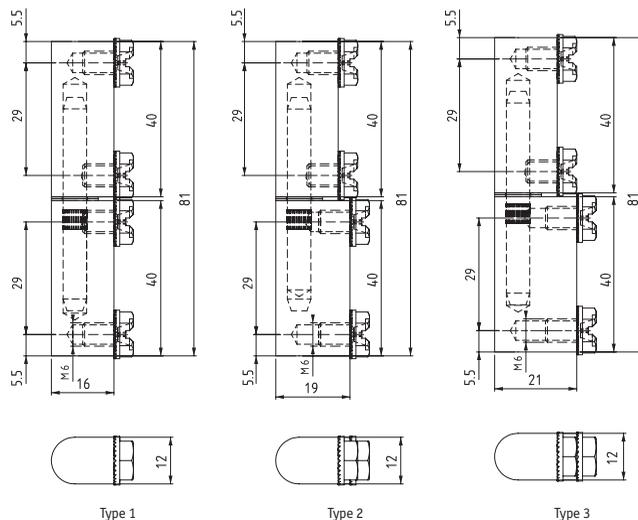
# HINGES

## Brass Side Hinge

SR B-0004

Material: Brass

- Ease of access with simple and quick door removal
- Bolts included



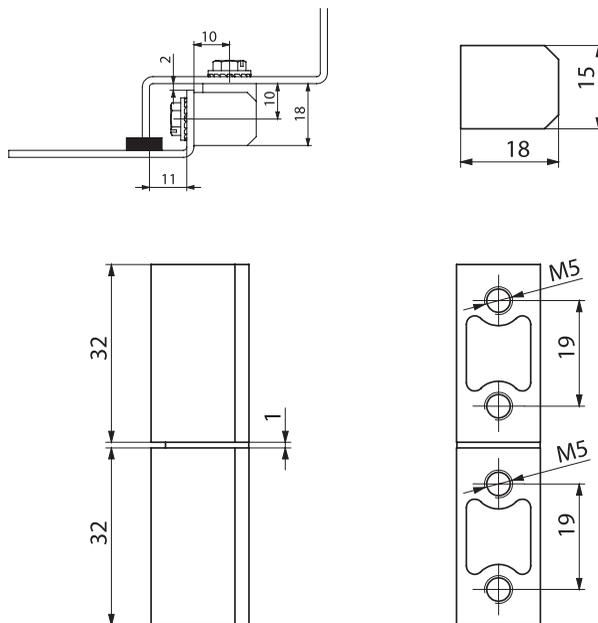
Part Number	Type	Standard Pack Quantity
9933116E	1	50
9933119E	2	50
9933121E	3	50

## Stainless Steel Side Hinge

SR B-0002

Material: Stainless Steel

- Ease of access with simple and quick door removal
- Bolts included



Part Number	Standard Pack Quantity
129340E	50

## Functional Locking Hinge

1043-1 PA6 GFR 30

Handle: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

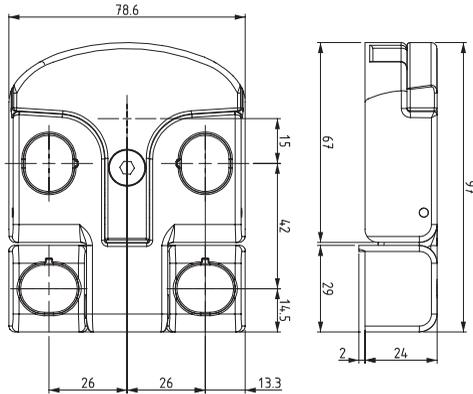
Driver: Zamak DIN-EN 1774-ZnAl4Cu1

Cam: Zamak DIN-EN 1774-ZnAl4Cu1

Catch Plate: Zamak DIN-EN 1774-ZnAl4Cu1



- Lock can also be used as hinge
- Door can be completely removed by unlocking the both products



Part Number	Standard Pack Quantity
71220E	25

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Enhance functionality and manage industry requirements with specific, HVAC orientated hinges and handles.



Page 379

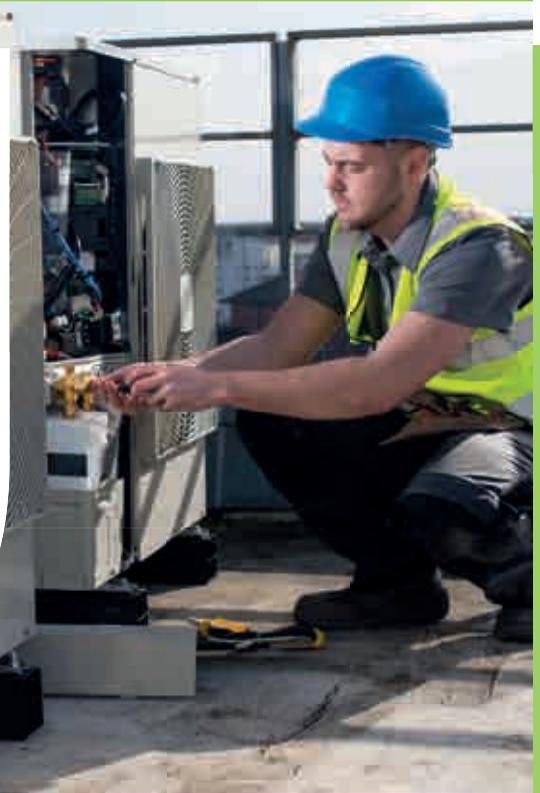
Page 455

Page 511

Page 552

Page 680

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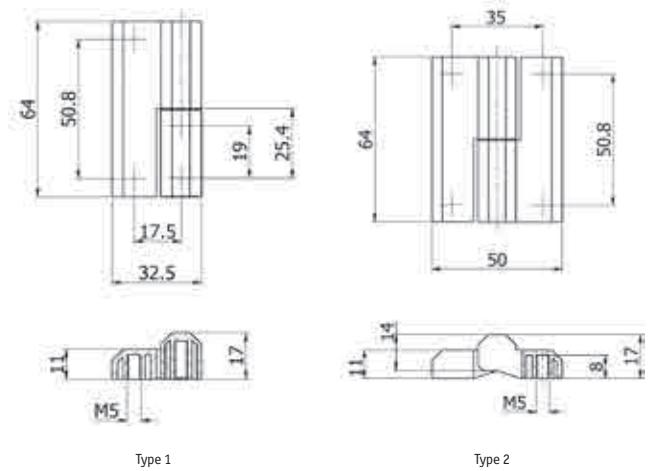


## Standard Lift-Off Hinge

SR 5549

Die Cast Zinc Alloy

- Easy lift off
- For flush mounted doors
- Stainless steel pin
- Hinge rotation angle of 180°
- Supplied with M5 Fixings



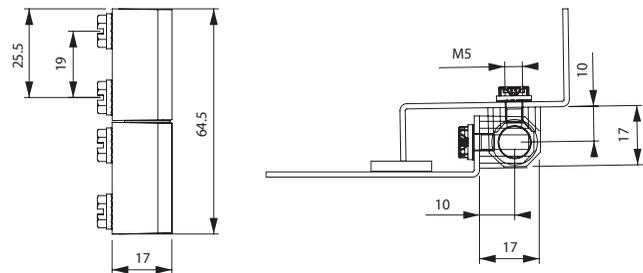
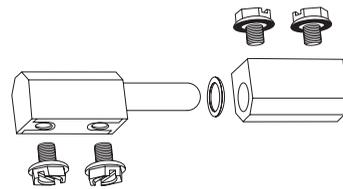
Part Number	Type	Style	Standard Pack Quantity
699121001E	1	Right Hand	50
699121002E	1	Left Hand	50
699122001E	2	Right Hand	50
699122002E	2	Left Hand	50

## Standard Pin-On Hinge

SR 5511

Die-Cast Zinc Alloy

- Black powder coated or chrome plated
- For left or right hand doors
- Ideal for lightweight electrical panel doors
- Supplied with screws
- Hinge rotation angle 180°



Part Number		Standard Pack Quantity
Black Coated	Chrome	50
493121E	493111E	

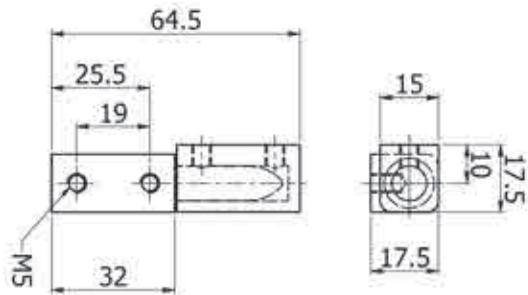
All dimensions in mm

## In-Line Premium Lift-Off Hinge

SR5594

Black Powder Coated Zinc

- Allows simple and quick door removal
- Supplied with nylon washer
- Fixed using M5 screws (not supplied)
- Can be used as left or right hand
- 180° hinge rotation angle



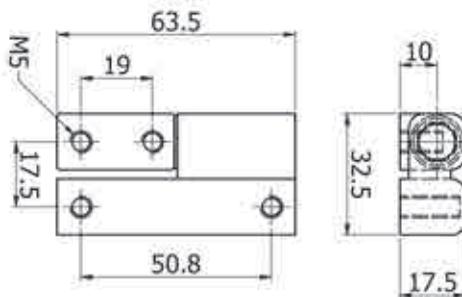
Part Number	Standard Pack Quantity
493573	20

## Premium Lift-Off Hinge

SR5593

Black Powder Coated Zinc

- Allows simple and quick door removal
- Supplied with nylon washer
- Fixed using M5 screws (not supplied)
- 180° Hinge rotation angle



Part Number	Type	Standard Pack Quantity
493571	Left Hand	20
493572	Right Hand	20

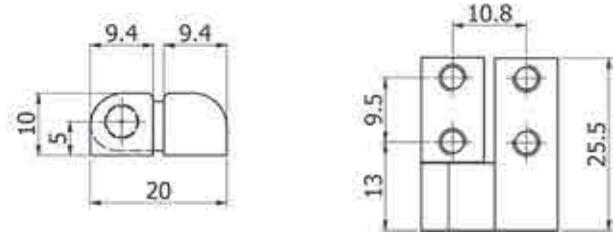
# HINGES

## Small Premium Lift-Off Hinge

SR 5595

Black Powder Coated Zinc

- Allows easy, quick door removal
- Concealed fixings
- Fixed using M4 screws (not included)
- 180° Hinge rotation angle



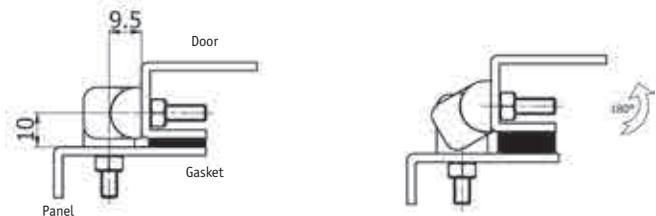
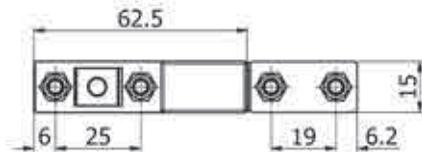
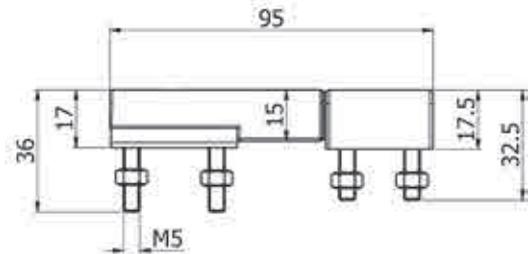
Part Number	Type	Standard Pack Quantity
493574	Left Hand	20
493575	Right Hand	20

## Adjustable Compression Hinge

SR 5596

Black Powder Coated Zinc

- Allows easy, quick door removal
- M5 fixings are 304 stainless steel
- Hinge provides up to 5mm adjustment



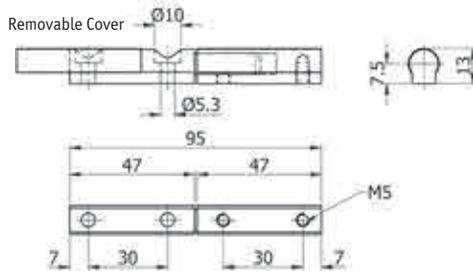
Part Number	Standard Pack Quantity
493576	10

## Stainless Steel Pin on Hinge

SR 5458

304 Stainless Steel

- Right hand or left hand operation
- Top section: rear fixing M5
- Bottom section: front fixing with M5
- Removable stainless steel cover



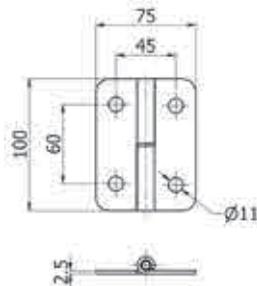
Part Number	Standard Pack Quantity
493867	10

## Heavy Duty Lift-Off Hinge

SR 5564

Steel or 304 Stainless Steel

- Stainless Steel pin on all types
- 180° rotation
- Easy lift-off function



Part Number	Type	Material	Standard Pack Quantity
89963001E	Right Hand	Zinc Plated Steel	20
89963002E	Left Hand	Zinc Plated Steel	20
89962001E	Right Hand	Black Powder Coated Steel	20
89962002E	Left Hand	Black Powder Coated Steel	20
89940001E	Right Hand	Stainless Steel	20
89940002E	Left Hand	Stainless Steel	20

## Offset Hinges

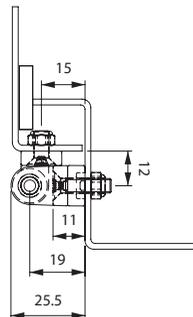
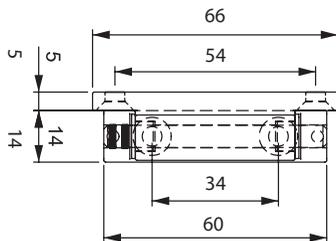
SR 5504

Die-Cast Zinc Alloy

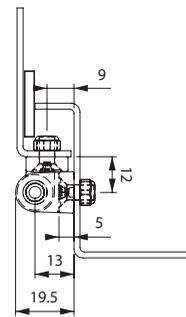
- Black Powder Coated
- Adapter available for different dimensions
- Hinge rotational angle of 180°



Type 1



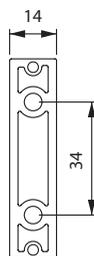
With Adaptor



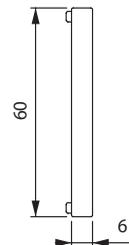
Without Adaptor



Adaptor for Type 1



Adaptor

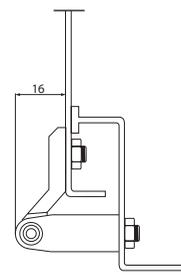
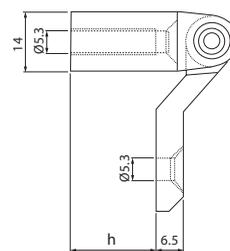
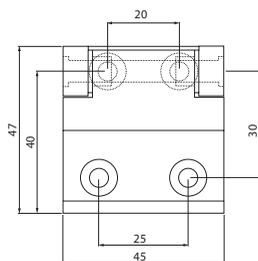


### Type 1 - Stainless steel hinge pin

Part Number	Style	Standard Pack Quantity
5931225E	With Adaptor	50
5931219E	Without Adaptor	50



Type 2



### Type 2 - Hardened steel hinge pin

Part Number	h (mm)	Standard Pack Quantity
1001200E	0.0	50
1001205E	5.0	50
1001207E	7.0	50
1001210E	10.0	50
1001210E	25.0	50

All dimensions in mm

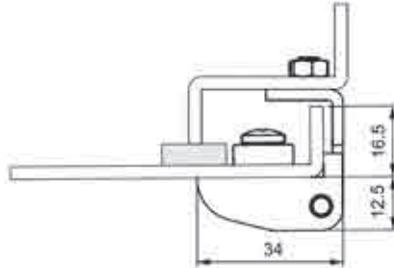
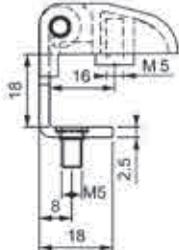
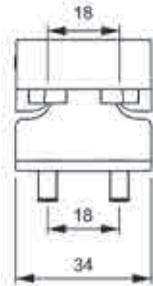
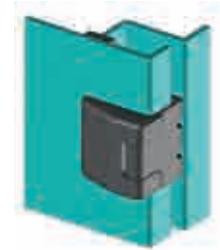
## Raised Corner Hinges

SR 5509

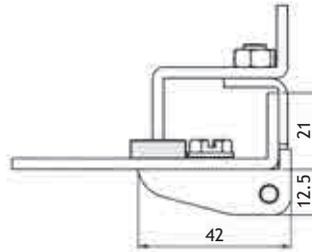
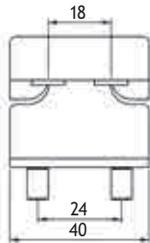
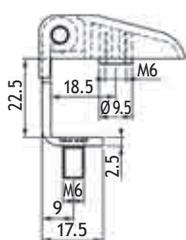
Body: Black Finish Die-Cast Zinc Alloy and Steel or PA 6 and Steel

Pin: Steel

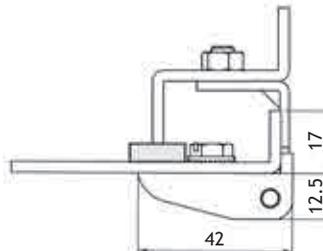
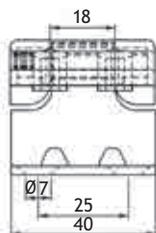
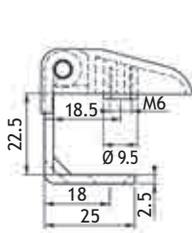
- Hinge rotation angle of 180°
- Suitable for machine covers and electric panels



Type 1



Type 2



Type 3

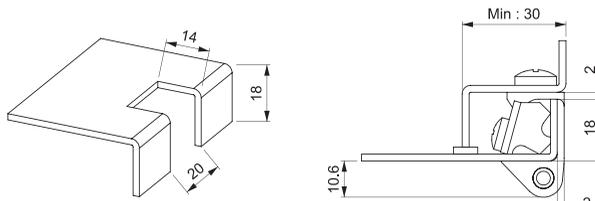
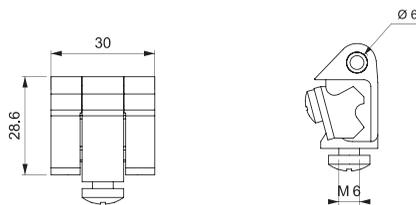
Part Number	Type	Finish	Style	Standard Pack Quantity
40012181E	1	Zinc Alloy and Steel	M5 Stud	25
40020181E	1	Plastic and Steel	M5 Stud	25
20012171E	2	Zinc Alloy and Steel	M6 Stud	25
20012170E	2	Zinc Alloy and Steel	Holes	25
20012250E	3	Zinc Alloy and Steel	Holes	25

## Corner Hinge

SR 5086

Zamak DIN-EN 1774-ZnAl4Cu1

FIXING BRACKET: Steel



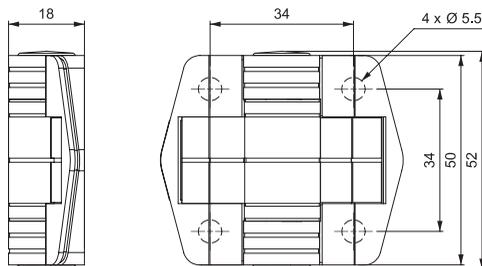
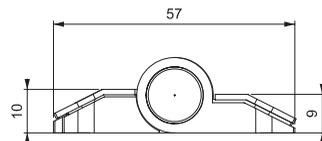
Part Number	Finish	Standard Pack Quantity
49711E	Chrome	100
49712E	Black Coated	100

## Index Hinge

SR 5087

BODY: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30

PIN: Plastic



- Different angle and torque is available
- Holds door open at specific degrees: 80°, 115°, 150°

Part Number	Position	Force (N-m)	Standard Pack Quantity
25992010E	Free	No Detens	50
25992022E	80°	1.1	50
25992032E	115°	1.1	50
25992042E	150°	1.1	50

## Spring Hinges with Concealed Mechanism

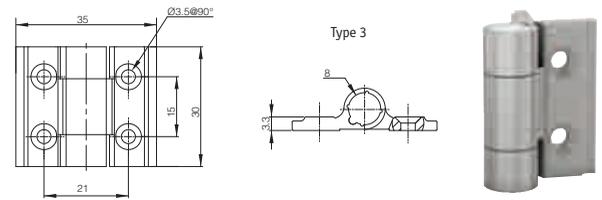
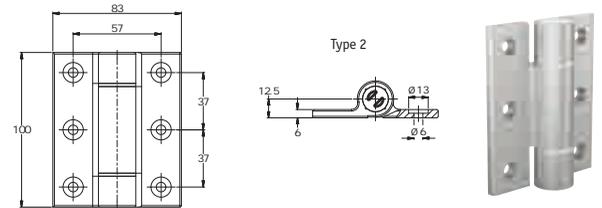
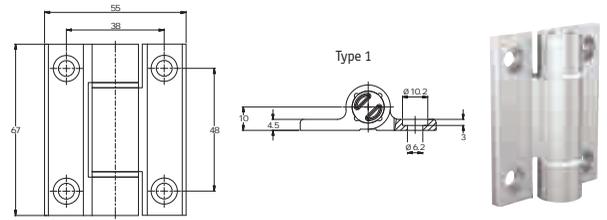
SR 5088

Aluminium

Clear anodised finish, Plug in PA-6,6 30% FG Washer in POM, Spring in steel (Bezinal®)

- Automatic opening and closing of a door
- A completely invisible spring mechanism
- Corrosion resistant

Part Number	Type	Finish	Spring Type	Spring Force	Standard Pack Quantity
1334611	1	Clear	Opening	M(0°): 0.35 N.m/M(90°): 0.24 N.m/M(180°): 0.12 N.m	50
1334612	1	Black	Opening	M(0°): 0.35 N.m/M(90°): 0.24 N.m/M(180°): 0.12 N.m	50
550037	1	Clear	Opening	M(0°): 0.70 N.m/M(90°): 0.45 N.m/M(180°): 0.23 N.m	50
1334613	1	Black	Opening	M(0°): 0.70 N.m/M(90°): 0.45 N.m/M(180°): 0.23 N.m	50
550038	1	Clear	Opening	M(0°): 1.30 N.m/M(90°): 1.10 N.m/M(180°): 0.90 N.m	50
1334614	1	Black	Opening	M(0°): 1.30 N.m/M(90°): 1.10 N.m/M(180°): 0.90 N.m	50
1334615	1	Clear	Closing	M(0°): 0.5 N.m/M(90°): 0.70 N.m/M(180°): 1 N.m	50
1334616	1	Black	Closing	M(0°): 0.5 N.m/M(90°): 0.70 N.m/M(180°): 1 N.m	50
550039	2	Clear	Opening	M(0°): 3.80 N.m/M(90°): 3.10 N.m/M(180°): 2.40 N.m	50
1334617	2	Black	Opening	M(0°): 3.80 N.m/M(90°): 3.10 N.m/M(180°): 2.40 N.m	50
1334618	2	Clear	Closing	M(0°): 2.20 N.m/M(90°): 2.90 N.m/M(180°): 3.50 N.m	50
1334609	3	Clear	Opening	M(0°): 0.20 N.m/M(90°): 0.12 N.m/M(180°): 0.07 N.m	50
1334610	3	Black	Opening	M(0°): 0.20 N.m/M(90°): 0.12 N.m/M(180°): 0.07 N.m	50

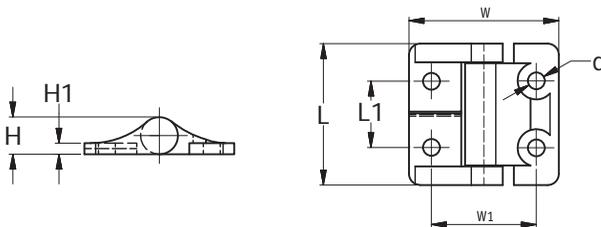


## Torque Hinges

SR 5091

Die-cast Zinc Alloy

- Black coated
- Position control – constant torque
- No adjustment required
- Long cycle life
- Symmetric torque: 3.4 Nm for 498293, 2.3 Nm for 498295



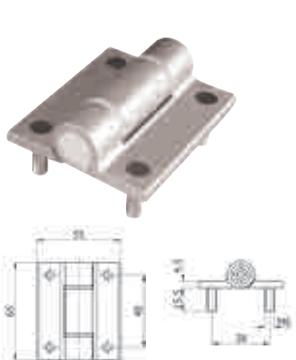
Part Number	Dimensions (mm)							Standard Pack Quantity
	W	w1	L	l1	H	h1	d	
498293	57	34	50.8	34.0	12.7	4.5	5.2	50
498295	40	28	38.0	17.8	10.0	3.0	4.5	50

## Heavy Duty Adjustable Torque Hinge

SR 5425

Aluminium

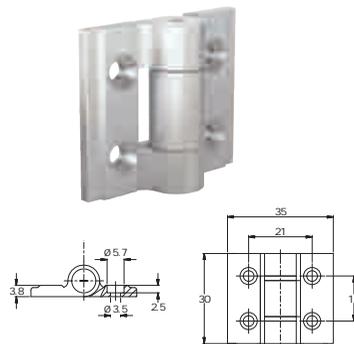
- Adjustable Holding Torque with the aid of a setting key
- Hinge articulates and holds a panel in position
- Eliminates the need for gas strut or lid stay
- Holding torque is adjusted using hex setting key



M6 Male



M6 Female



M3 Female

Part Number	Fixing	Finish	Tensile Strength	Shear Strength	Holding Torque	Standard Pack Quantity
491980	M6 Female	Black Anodised	6.000N	5.000N	0 to 5 Nm	50
493479	M6 Female	Clear Anodised	6.000N	5.000N	0 to 5 Nm	50
493480	M6 Male	Clear Anodised	6.000N	5.000N	0 to 5 Nm	50
493481	M6 Male	Black Anodised	6.000N	5.000N	0 to 5 Nm	50

Part Number	Fixing	Finish	Tensile Strength	Shear Strength	Holding Torque	Standard Pack Quantity
550036	M3 Female	Clear Anodised	2.240N	1.050N	0 to 1 Nm	50

## Detent Hinges

SR 5467

Black Anodised Aluminium 6060 T5

Pin: Stainless Steel



- Hinges are indented every 30° allowing panels to be positioned and maintained without auxiliary components
- Four torque values are available
- Rotation angle from 180° up to 270° depending on fitting
- Torque is a factory preset and cannot be modified by users
- Non-handed fitting
- Weight: 106g



Type 1



Type 2

### Type 1

Part Number	Torque (N.m)	Dimensions (mm)				Standard Pack Quantity
		L	W	H	D	
497564	1.8	67.5	55	4.5	13	25
497565	2.5	67.5	55	4.5	13	25
497566	3.2	67.5	55	4.5	13	25
497567	4.5	67.5	55	4.5	13	25

### Type 2

Part Number	Finish	Torque (N.m)	Dimensions (mm)				Standard Pack Quantity
			A	B	C	D	
1334619	Clear Anodised	0.3	30	35	3.3	8	25
1334620	Black Anodised	0.3	30	35	3.3	8	25

## Stand-Off Hinges

SR 5330

Glass Filled Nylon



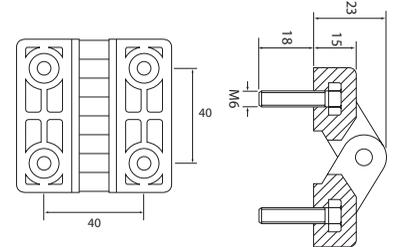
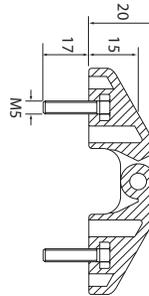
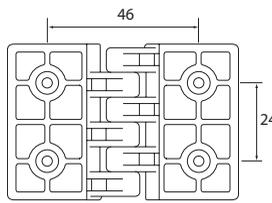
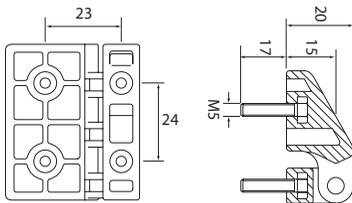
Type 1



Type 2



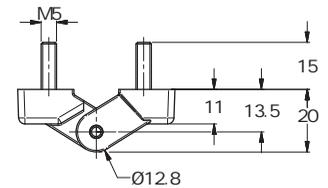
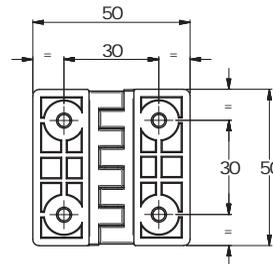
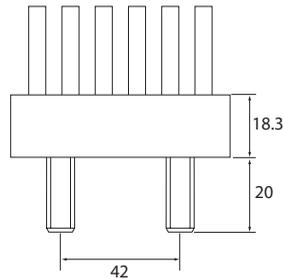
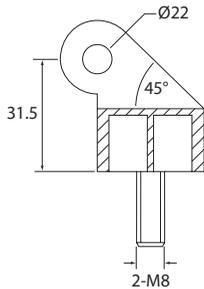
Type 3



Type 4



Type 5



### Hinges with Metal Threads

Part Number	Type	Standard Pack Quantity
466238	1	2
466239	2	2
466240	3	2
1199201	5	50
466241	4	2

All dimensions in mm

CONTINUED ON NEXT PAGE

# HINGES

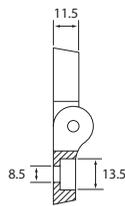
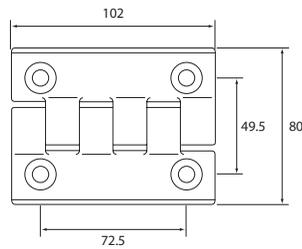
## Stand-off Hinge *CONTINUED*

SR 5330

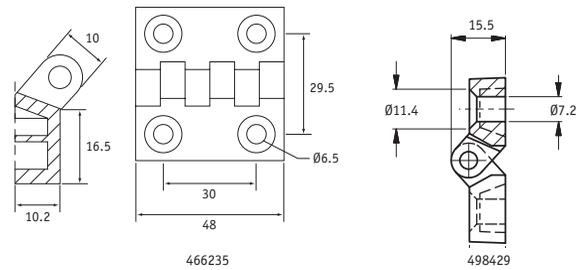
Glass Filled Nylon



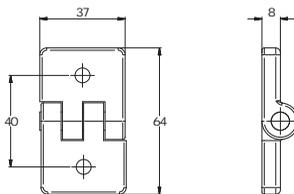
Type 1



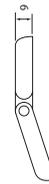
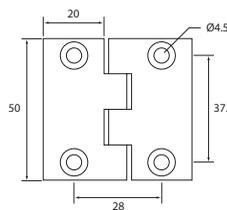
Type 2



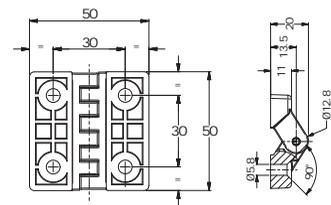
Type 3



Type 4



Type 5



### Hinges with Plain Bore Holes

Part Number	Type	Standard Pack Quantity
466234	1	2
466235	2	2
498429	2	2
466236	3	2
466237	4	2
1199202	5	50

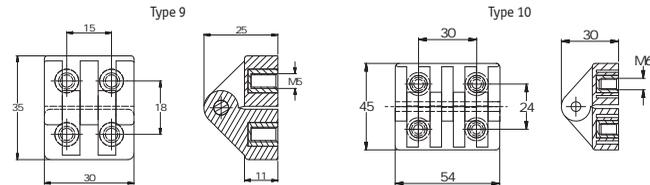
All dimensions in mm

## Stand-off Hinges CONTINUED

**SR 5330**

**Black Nylon**

- Resistant to oil, greases and most industrial chemicals
- Matt black finish
- Type 9 and 10 – with brass inserts
- Type 11 – without brass inserts



Part Number	Type	Standard Pack Quantity
498427	9	2
498428	10	2
498430	11	2

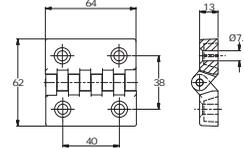
Type 9

Type 10



Type 11

Type 11



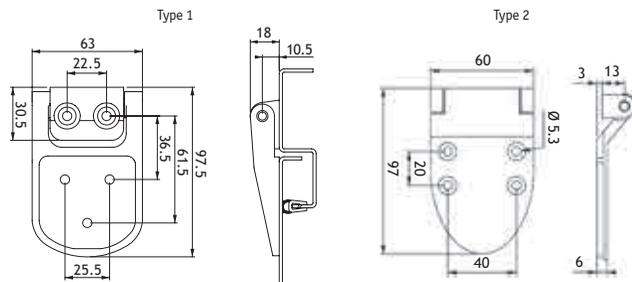
## HVAC Hinge

**SR 5502**

**Type 1: Polyamide 30% Glass Fibre Reinforced**

**Type 2: Black Coated Die-Cast Zinc Alloy**

- Type 1 & 2: Stainless steel pin
- Specially designed for air conditioning central units
- Also used for plain/flush mounted heavy doors
- Hinge rotation angle 180°



Type 1



Type 2



**Type 1: Polyamide 30% Glass Fibre Reinforced**

Part Number	Standard Pack Quantity
300E	25

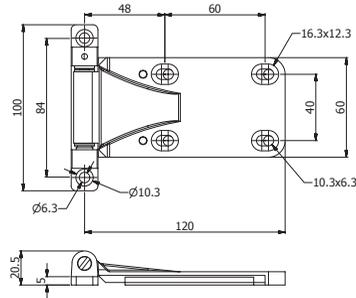
**Type 2: Die-Cast Zinc Alloy**

Part Number	Standard Pack Quantity
500E	25

All dimensions in mm

## 3D Adjustable HVAC Hinge

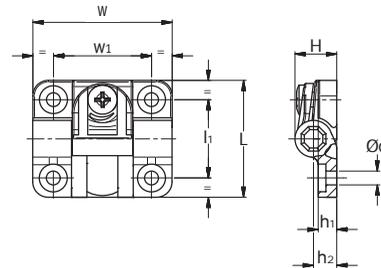
- SR 5565**  
**Black Coated Die Cast Zinc Alloy**
- Allows three dimensional adjustments
  - Height  $\pm 2$ mm, Width  $\pm 2$ mm, Depth  $\pm 2$ mm
- Ideal for large flush fitting doors
  - Suitable for air conditioning, electrical panels and machinery covers
  - Stainless steel pin



Part Number	Type	Standard Pack Quantity
80012001E	Right Hand	20
80012001E	Left Hand	20

## Adjustable Torque Hinge

- SR 5098**  
**Body: Polyamide DIN-EN ISO 1043-1 PA6 GFR 30**  
**Screws and Nuts: Stainless Steel 304**
- Hinge rotation angle 180°



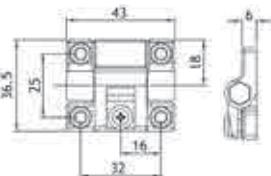
Part Number	Dimensions (mm)								Performance Details							Standard Pack Quantity
	W	L	w1	l1	H	h1	h2	d	Axial load (N)		Radial load (N)		Torque Value	Working Temperature	Fastener Thread	
									Working	Breaking	Working	Breaking				
239920	45.0	38.0	32.0	25.5	13.5	6.0	7.5	4.5	700	1100	1400	1800	0.8 N.m.	-5°C/+65°C	M4	50
249920	63.5	58.0	47.5	38.0	18.5	8.5	11.5	5.6	1500	2350	2250	3200	4 N.m.	-5°C/+65°C	M6	50

## Adjustable Torque Hinge

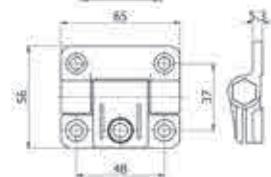
- Black or White Acetal Polymer**
- Simple torque adjustment using the screw
  - Used to hold doors or panels in position
  - Adjusting screw is stainless steel
  - Medium hinge is suitable for M4 fixings (not supplied)
  - Large hinge is suitable for M6 fixings (not supplied)



Medium



Large



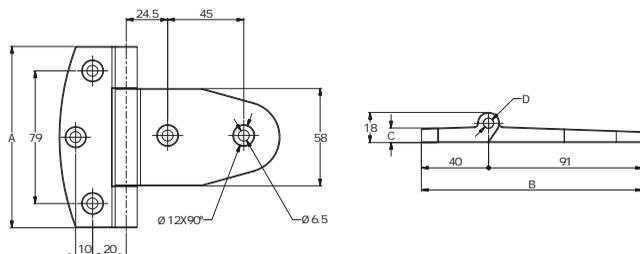
Part Number	Colour	Force (N-m)	Standard Pack Quantity
491311	Black	Medium	10
491312	White	Medium	10
493704	Black	Large	10

## Generator Hinge

SR 6494

Polyamide

Nickel Plated Steel Pin



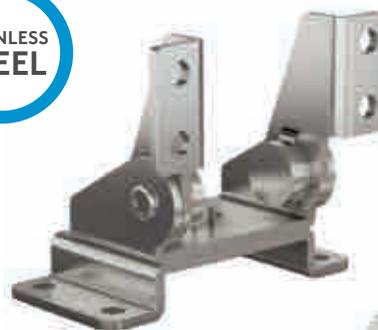
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
550068	108	131	9.5	6	20

## Torque Hinges (Dual Axis)

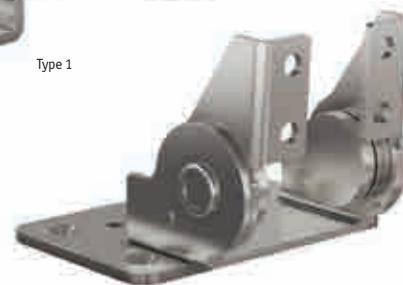
SR 6493

Stainless Steel

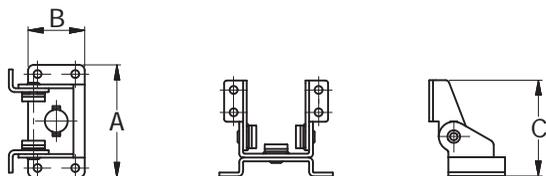
- Free stop at any angle in tilt and swivel
- Provide torque stability in both directions
- Suitable for monitor screen
- For detailed drawings please refer to our website



Type 1



Type 2



Type 1:

Torque: 2.9Nm tilting

Torque: 1.4Nm swiveling

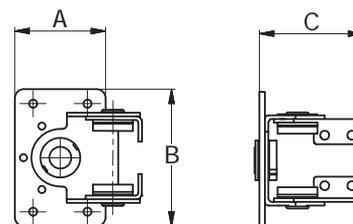
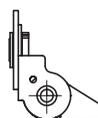
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
550070	60	30	51.4	20

Type 2:

Torque: 7Nm tilting

Torque: 3Nm swiveling

Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
550069	50	76	54	20



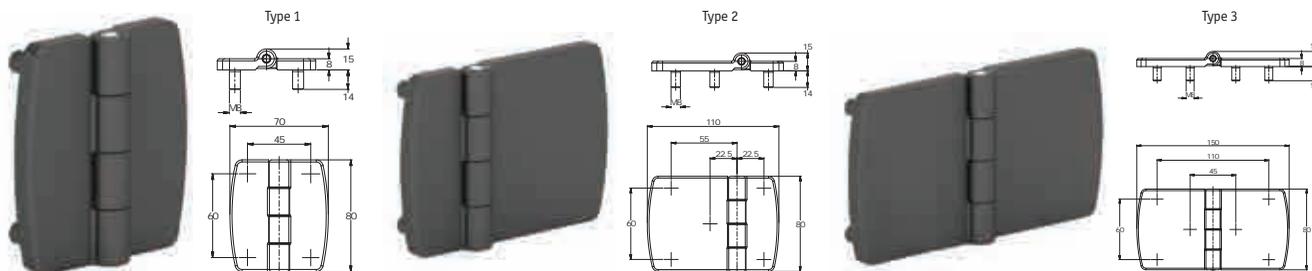
# HINGES

## Heavy Duty Hinges

SR 5744

Body: Die-cast Zinc Alloy

Pin: Stainless Steel



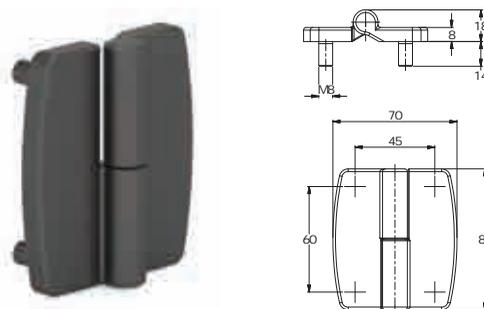
Part Number		Type	Dimensions (mm)		Standard Pack Quantity
Chrome Plated	Black Coated		H	L	
1399111E	1399121E	1	80	70	25
1399112E	1399122E	2	80	110	25
1399113E	1399123E	3	80	150	20

## Heavy Duty Designed Hinges

SR 5745

Body: Die-cast Zinc Alloy

Pin: Stainless Steel



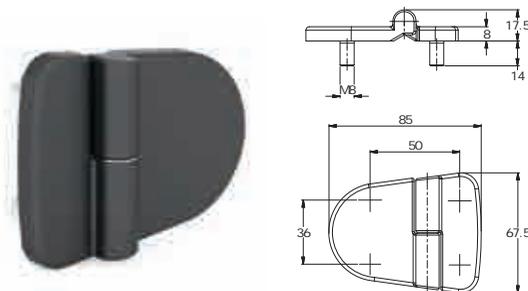
Part Number		Hand	Dimensions (mm)		Standard Pack Quantity
Chrome Plated	Black Coated		H	L	
1699111001E	1699121001E	Right	80	70	20
1699111002E	1699121002E	Left	80	70	20

## Heavy Duty Designed Hinges

SR 5746

Body: Die-cast Zinc Alloy

Pin: Stainless Steel

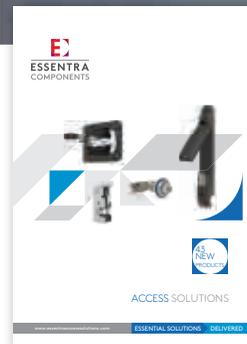


Part Number		Hand	Dimensions (mm)		Standard Pack Quantity
Chrome Plated	Black Coated		H	L	
149911001E	149912001E	Right	67.5	85	20
149911002E	149912002E	Left	67.5	85	20



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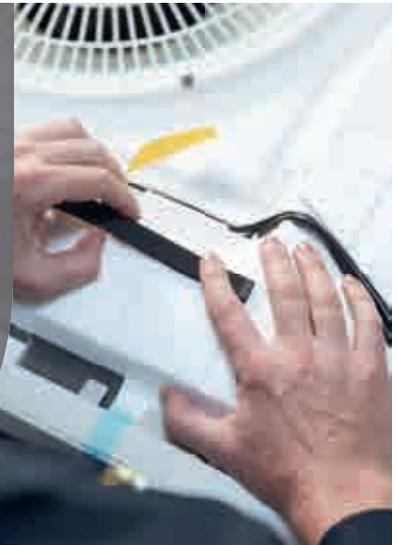


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510



511



512



514



516



517



518



519



520



521



521



522



525



528



529



530



532

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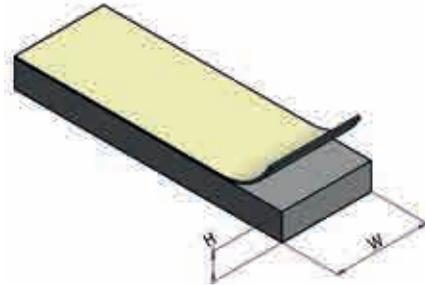
522

## EPDM Sponge Adhesive Seal

SR 5561

Black EPDM

- Supplied in rolls of 10m
- Easy to apply adhesive seal
- Ideal for metal enclosures



Part Number	Dimensions (mm)		Roll Length (m)
	W	H	
1200310001	10	3	10
1200510001	10	5	10
1200315001	15	3	10
1200515001	15	5	10
1200320001	20	3	10
1200520001	20	5	10
1200325001	25	3	10
1200530001	30	5	10

## Weather/Gasketing Strip

SR 1867

Black Neoprene, Nitrile, PVC blend

- Rubber-based permanent adhesive on one side (not recommended for direct UV exposure)
- Excellent resistance to acid, ozone and oxidation
- Service Temperature: -28°C to 101°C
- Density (kg/m<sup>3</sup>): 64-112
- Compression Deflection: 140-350g/cm<sup>2</sup>
- For HVAC or electrical enclosures, lighting fixtures, vibration dampening and more



Part Number	Dimensions (mm)		Roll Length (m)	Rolls per Carton
	Width	Height		
472061	12.7	3.2	15	20
472063	25.4	3.2	15	10
472067	12.7	6.4	15	20
472069	25.4	6.4	15	10

## Adhesive Bubble Gasket

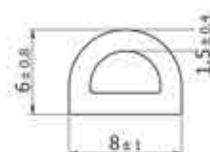
SR 5556

Black EPDM

- Supplied in rolls of 20m
- Easy to apply adhesive seal
- Type 6 splits down the centre to divide into 2 x 10m

### Type 1

Part Number	Type	Roll Length (m)
490765	1	20

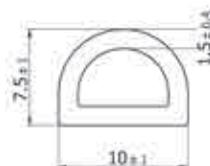


Type 1



### Type 2

Part Number	Type	Roll Length (m)
490766	2	20

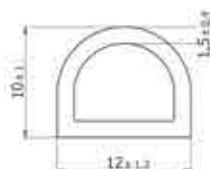


Type 2



### Type 3

Part Number	Type	Roll Length (m)
490767	3	20

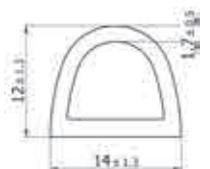


Type 3



### Type 4

Part Number	Type	Roll Length (m)
490768	4	20

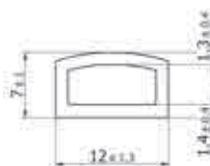


Type 4

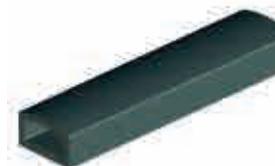


### Type 5

Part Number	Type	Roll Length (m)
490769	5	20

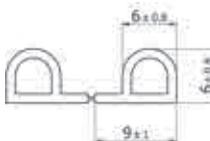


Type 5



### Type 6

Part Number	Type	Roll Length (m)
490770	6	20



Type 6



## Top Bubble Gasket

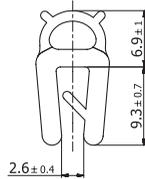
SR 5559

Black EPDM

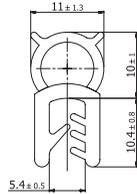
- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and are pressed on by hand
- With steel spring core



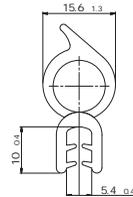
Type 1



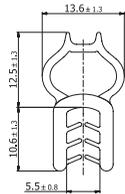
Type 2



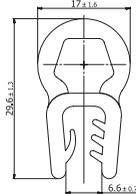
Type 3



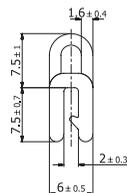
Type 4



Type 5



Type 6



### Type 1

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490743	0.5-2	1	20

### Type 2

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009104001	1-3	2	20

### Type 3

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009139001	2.5-3.5	3	20

### Type 4

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490746	2.5-4	4	20

### Type 5

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490747	4-5	5	20

### Type 6

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009100001	1-1.5	6	20

CONTINUED ON NEXT PAGE

## Top Bubble Gasket *CONTINUED*

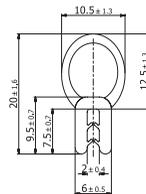
SR 5559

Black EPDM

- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and are pressed on by hand
- With steel spring core

### Type 7

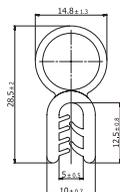
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490749	0.5-1.5	7	20



Type 7

### Type 8

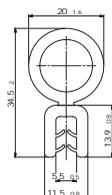
Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009173001	1-3	8	20



Type 8

### Type 9

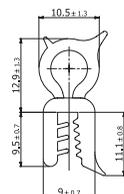
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490751	3-5	9	20



Type 9

### Type 10

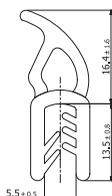
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490752	2-3	10	20



Type 10

### Type 11

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009110001	2-3.5	11	20



Type 11

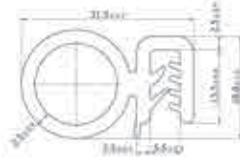
## Side Bubble Gasket

SR 5558

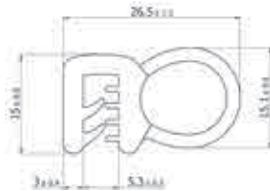
Black EPDM



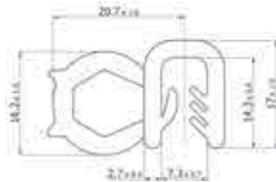
Type 1



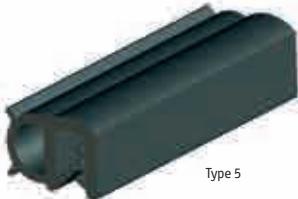
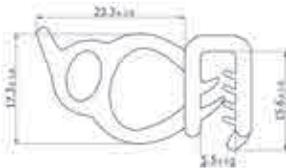
Type 2



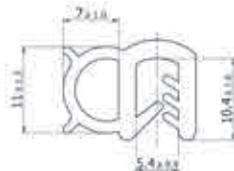
Type 3



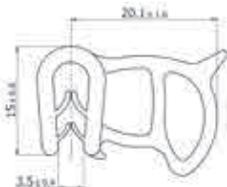
Type 4



Type 5



Type 6



- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and pressed on by hand
- With steel spring core

### Type 1

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009083001	1.5-3	1	20

### Type 2

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009059001	2-3.5	2	20

### Type 3

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009041001	3-5	3	20

### Type 4

Part Number	Clamping Range (mm)	Type	Roll Length (m)
493007	2-5	4	20

### Type 5

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009002002	1-3	5	20

### Type 6

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009058001	1-2.5	6	20

CONTINUED ON NEXT PAGE

## Side Bubble Gasket CONTINUED

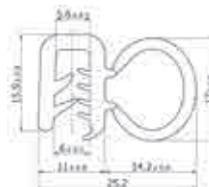
SR 5558

Black EPDM

- Supplied in rolls of 20m
- Clip on profile offering edge protection and sealing
- Profiles are flexible and pressed on by hand
- With steel spring core

### Type 7

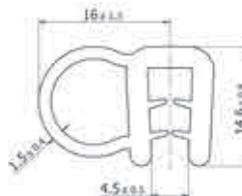
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490737	2-3	7	20



Type 7

### Type 8

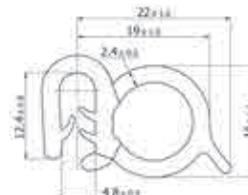
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490738	1.5-3	8	20



Type 8

### Type 9

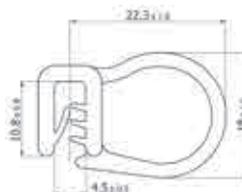
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490739	2-3	9	20



Type 9

### Type 10

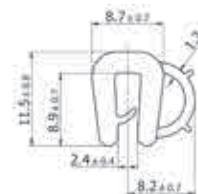
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490740	2-3	10	20



Type 10

### Type 11

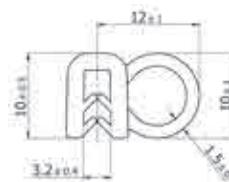
Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009003002	1-2	11	20



Type 11

### Type 12

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490742	0.5-2	12	20



Type 12

## Single Flipper Gasket

SR 5554

Black EPDM

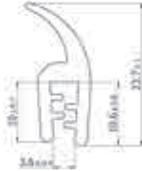
- Single EPDM material flipper gasket
- Supplied in rolls of 20m
- Profiles are flexible and are pressed on by hand
- With steel spring core



Type 1



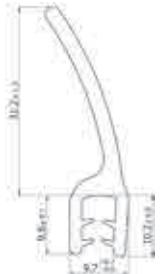
Type 2



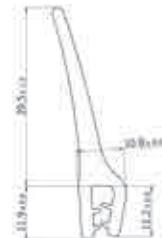
Type 3



Type 4



Type 5



Type 6



### Type 1

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490754	1-3	1	20

### Type 2

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490755	1-3	2	20

### Type 3

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490756	1-3	3	20

### Type 4

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490757	2-4	4	20

### Type 5

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490758	2-4	5	20

### Type 6

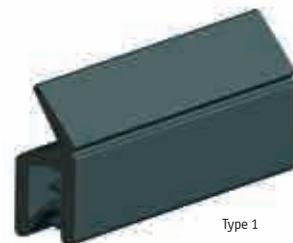
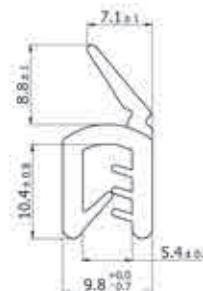
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490759	4-6	6	20

## Dual Flipper Gasket

SR 5555

Black EPDM

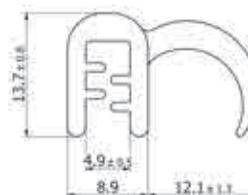
- Dual material; hard rubber carrier to improve grip to panel and softer rubber to aid compression
- Supplied in rolls of 20m
- Profiles are flexible and are pressed on by hand
- With steel spring core



Type 1

### Type 1

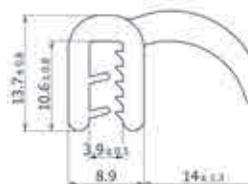
Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009236001	1-3	1	20



Type 2

### Type 2

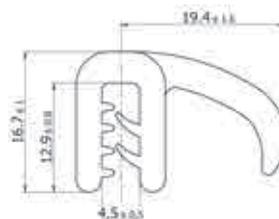
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490761	1-3	2	20



Type 3

### Type 3

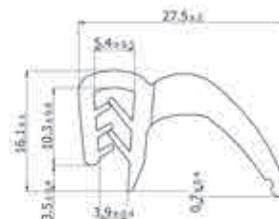
Part Number	Clamping Range (mm)	Type	Roll Length (m)
490762	2-3	3	20



Type 4

### Type 4

Part Number	Clamping Range (mm)	Type	Roll Length (m)
34009236001	2-4	4	20



Type 5

### Type 5

Part Number	Clamping Range (mm)	Type	Roll Length (m)
490764	1-3	5	20

## PVC Edge Protector

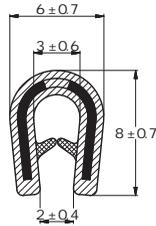
SR 5400

Black PVC with steel spring core

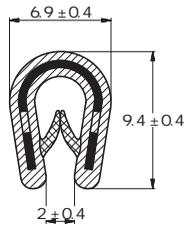
- Supplied in rolls of 20m
- Provided protection to steel edges
- Profiles are flexible and pressed on by hand
- Suitable for -25°C to 90°C



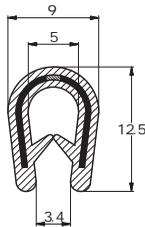
Type 1



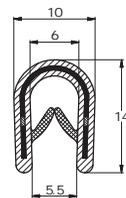
Type 2



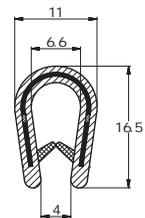
Type 3



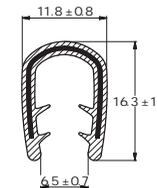
Type 4



Type 5



Type 6



### Type 1

Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009590001	1 - 1.5	Black	20
34009590002	1 - 1.5	Grey	20
34009590003	1 - 1.5	White	20

### Type 2

Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009504001	1 - 2	Black	20
34009504002	1 - 2	Grey	20
34009504003	1 - 2	White	20

### Type 3

Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009507001	1.5 - 3	Black	20
34009507002	1.5 - 3	Grey	20
34009507003	1.5 - 3	White	20

### Type 4

Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009516001	1 - 3	Black	20
34009516002	1 - 3	Grey	20
34009516003	1 - 3	White	20

### Type 5

Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009530001	2 - 4	Black	20
34009530002	2 - 4	Grey	20
34009530003	2 - 4	White	20

### Type 6

Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009628001	6 - 8	Black	20
34009628002	6 - 8	Grey	20
34009628003	6 - 8	White	20

## PVC Edge Protector CONTINUED

### Black PVC with steel spring core

- Supplied in rolls of 20m
- Provides protection to steel edges
- Profiles are flexible and pressed on by hand
- Suitable for -25°C to 90°C

#### Type 7

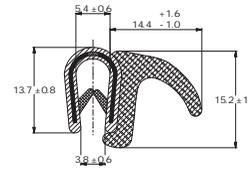
Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009901001	1 - 3	Black	20
34009901002	1 - 3	Grey	20
34009901003	1 - 3	White	20

#### Type 8

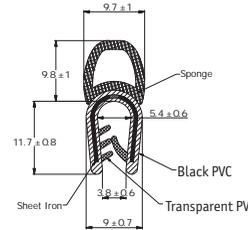
Part Number	Clamping Range (mm)	Colour	Roll Length (m)
34009802001	1.5 - 3	Black	20
34009802002	1.5 - 3	Grey	20
34009802003	1.5 - 3	White	20

#### Type 9

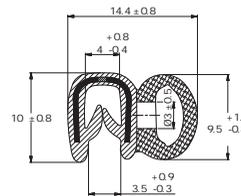
Part Number	Clamping Range	Colour	Roll Length (m)
34009701001	1 - 2	Black	20
34009701002	1 - 2	Grey	20
34009701003	1 - 2	White	20



Type 7



Type 8



Type 9

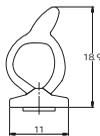
## Dual-Hard Self Adhesive

### SR 6491

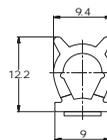
Solid Black EPDM @ 70° Shore A

Expanded Black EPDM @ 0.65g.ccm S.G.

- Used in industrial and automotive applications
- Ideal in areas of high dynamic uses exposed to rigorous daily demands
- High bond taped profile allows an instant fix and is intended as a permanent attachment
- Tolerances ISO 3302-1 1996 Class E-2/E-3



551824



551825

Part Number	Roll Length (m)
551824	20
551825	20

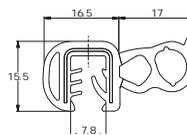
## Steel Inserted Side Bubble Gasket

### SR 6490

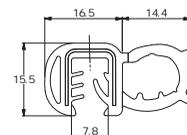
Solid Black EPDM @ 70° Shore A

Expanded Black EPDM @ 0.65g.ccm S.G.

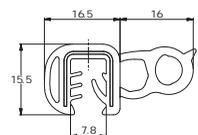
- Robustly designed profile for dynamic sealing
- Typically used as door seals on larger heavy duty vehicles
- Steel insert provides an increased grip which is resistant against high vibration



551826



551827



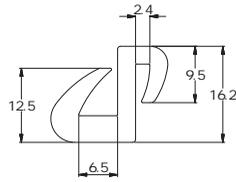
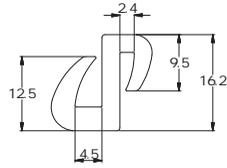
551828

Part Number	Roll Length (m)
551826	20
551827	20
551828	20

## S Profile Glazing Gasket

SR 6489

Solid black EPDM at 60° Shore A



- Easy to fit, used for sealing windows, inspection panel
- Used in lightweight applications
- Ideal when glass or acrylic panels are not subjected to high pressures or exposure to external weather elements
- Tolerances ISO 3302-1 1996 Class E-2

### Type 1

Part Number	Roll Length (m)
551829	20

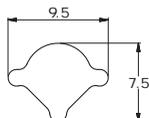
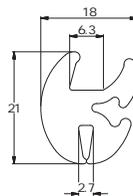
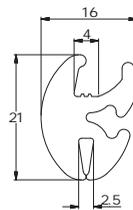
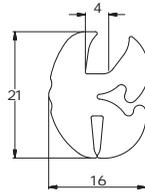
### Type 2

Part Number	Roll Length (m)
551830	20

## Glazing Gasket

SR 6488

Solid Black EPDM at 70° Shore A



- Easy to fit glazing solution for windows and inspection panels
- Effective weatherproof seal, can be used where there are rigorous environmental demands
- 551834 is the zipper profile which is supplied with the glazing gaskets

### Type 1

Part Number	Roll Length (m)
551831	20

### Type 2

Part Number	Roll Length (m)
551832	20

### Type 3

Part Number	Roll Length (m)
551833	20

### Zipper Profile

Part Number	Roll Length (m)
551834	20

## Round Cord Gasket

SR 6487  
EPDM



Part Number		Dimension (mm)	Roll Length (m)
EPDM Sponge	EPDM Solid	∅	
551808	-	2.5	10
551809	551817	3.0	10
551810	551818	4.0	10
551811	551819	5.0	10
-	551820	6.0	10
551813	551821	8.0	10
551814	551822	9.5	10
551815	551823	12.0	10

## EMI Gasketing

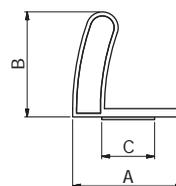
SR 6500

**Polyurethane foam covered in nickel-copper tape.**

- EMI Gasket reduce radiated emissions from boxes and enclosures.
- Wide bandwidth response 0.1-180 GHz
- High noise reducing characteristics 80-90dB
- Low Resistivity 0.8 Ω-cm
- Adhesive base for simple installation
- Maximum uncut length 1 metre

### Type 1

Part Number	Dimensions (mm)			Compression Range	Mounting	Fire Rating	Standard Pack Quantity (5 x 1m)
	A	B	C				
552044	10.7	9.8	5	10-25%	Adhesive Tape-Non Conductive	V-0	5

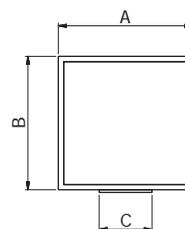


Type 1



### Type 2

Part Number	Dimensions (mm)			Compression Range	Mounting	Fire Rating	Standard Pack Quantity (5 x 1m)
	A	B	C				
552045	12.7	12.7	5	10-25%	Adhesive Tape-Non Conductive	V-0	5

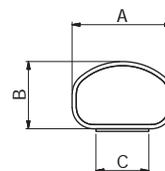


Type 2



### Type 3

Part Number	Dimensions (mm)			Compression Range	Mounting	Fire Rating	Standard Pack Quantity (5 x 1m)
	A	B	C				
552046	9.5	6.4	5	10-25%	Adhesive Tape-Non Conductive	V-0	5

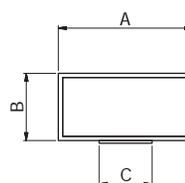


Type 3



### Type 4

Part Number	Dimensions (mm)			Compression Range	Mounting	Fire Rating	Standard Pack Quantity (5 x 1m)
	A	B	C				
552047	12.7	6.4	5	10-25%	Adhesive Tape-Non Conductive	V-0	5



Type 4

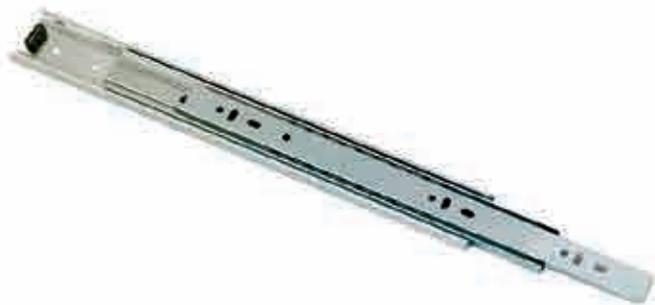


# DRAWER SLIDES, GAS STRUTS AND LID STAYS

## Industrial Drawer Slides

SR 2500/SR 5492/SR 5491

Zinc Plated Steel



### SR 2500/SR 5491

- Front Disconnect
- Full Extension
- Packed in pairs

Part Number		Dimensions (mm)			Standard Pack Quantity (Pairs)
Zinc Plated Steel	Stainless Steel	Slide Length (mm)	Slide Extension (mm)	Width (mm)	
D2000250A	497889	250	250	45	6
D2000300A	497890	300	300	45	6
D2000350A	497891	350	350	45	6
D2000400A	497892	400	400	45	6
D2000450A	497893	450	450	45	6
D2000500A	497894	500	500	45	6
D2000550A	497895	550	550	45	6
D2000600A	497896	600	600	45	6
D2000650A	497897	650	650	45	4
D2000700A	497898	700	700	45	4

### SR 5492

- ¾ Extension
- Packed in pairs

Part Number	Dimensions (mm)			Standard Pack Quantity (Pairs)
	Slide Length (mm)	Slide Extension (mm)	Width (mm)	
497899	250	168	35	6
497900	306	215	35	6
497901	350	255	35	6
497902	400	295	35	6
497903	450	330	35	6
497904	500	375	35	6
497905	557	415	35	6
497906	610	462	35	6
497907	660	494	35	4
497908	710	522	35	4

For drawings showing fixing positions, please visit our website or call our customer service team

**Light/Medium Duty Drawer Slides**

SR 5494

Zinc Plated Steel

**Light Duty**

- $\frac{3}{4}$  Extension
- Ideal for use in toolboxes, store fixtures and laboratory furniture
- Packed in pairs

Part Number	Slide Length (mm)	Slide Extension (mm)	Width (mm)	Standard Pack Quantity (Pairs)
AI-0416	400	281	35	6
AI-0418	450	331	35	6
AI-0420	500	376	35	6
AI-0422*	550	415	35	6

\*alternative design - see web for drawing

**Medium Duty**

- Full Extension
- Ideal for use in medium duty box drawers, store fixtures and furniture
- Packed in pairs

Part Number	Slide Length (mm)	Slide Extension (mm)	Width (mm)	Standard Pack Quantity (Pairs)
AI-0614	350	357	26.3	10
AI-0616	400	406	26.3	6
AI-0620	500	505	26.3	10

- $\frac{3}{4}$  Extension
- Ideal for use in displays, workstations or medical equipment
- Packed in pairs

Part Number	Slide Length (mm)	Slide Extension (mm)	Width (mm)	Standard Pack Quantity (Pairs)
AI-0718	457	330	35	6
AI-0720	508	381	35	6

For drawings showing fixing positions, please visit our website or call our customer service team

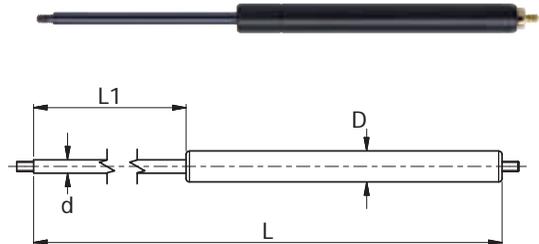
# DRAWER SLIDES, GAS STRUTS AND LID STAYS

## Adjustable Force Gas Struts

SR 5487

Rod: Steel

Fittings: PA/Steel



- Widely used in industries such as medical and laboratory, furniture, automotive and industrial equipment for opening, closing, tilting and damping
- No need to calculate force
- Force can be adjusted after installation - saves time and effort
- Simple adjustment using standard tool supplied
- Ideal for prototyping and short production runs
- Ideal where application weights vary
- Supplied fitted with ball joints and eye fittings in pack
- Supplied in pairs
- 1 pack contains:
  - 2 x Gas struts
  - 4 x Ball joints
  - 4 x Eyes
  - 1 x Allen Key
  - 1 x Instruction leaflet

### Rods without fittings

Part Number	Rod Diameter d (mm)	Piston Diameter D (mm)	Stroke Length L1 (mm)	Extended Length L (mm)	Static Force (N)	+/- (N)	Ball Joints	Eyes	Standard Pack Quantity
497819	6	15	40	115	400	20	PA	PA	1
1253217	6	15	60	160	400	20	PA	PA	1
1253218	6	15	100	240	400	20	PA	PA	1
1253219	6	15	150	340	400	20	PA	PA	1
1253220	6	15	200	440	400	20	PA	PA	1
497820	8	18	80	210	650	33	Steel	PA	1
497821	8	18	100	250	650	33	Steel	PA	1
1253221	8	18	100	264	650	33	Steel	PA	1
497822	8	18	120	290	650	33	Steel	PA	1
497823	8	18	150	350	650	33	Steel	PA	1
1253222	8	18	150	364	650	33	Steel	PA	1
497824	8	18	160	370	650	33	Steel	PA	1
497825	8	18	180	410	650	33	Steel	PA	1
1253223	8	18	200	464	650	33	Steel	PA	1
1253224	8	18	250	564	650	33	Steel	PA	1
1253226	10	23	100	245	1200	60	Steel	Zinc	1
497826	10	23	100	250	1200	60	Steel	Zinc	1
497827	10	23	150	350	1200	60	Steel	Zinc	1
1253227	10	23	200	445	1200	60	Steel	Zinc	1
497828	10	23	200	450	1200	60	Steel	Zinc	1
1253225	10	23	250	545	1200	60	Steel	Zinc	1
1253228	10	23	300	645	1200	60	Steel	Zinc	1
497829	10	23	300	650	1200	60	Steel	Zinc	1
1253229*	14	28	200	480	2500	125	Steel	-	1
1253230*	14	28	300	680	2500	125	Steel	-	1
497830*	14	28	400	860	2500	125	Steel	-	1
1253231*	14	28	400	880	2500	125	Steel	-	1
1253232*	14	28	500	1080	2500	125	Steel	-	1

\*Supplied with ball joints only



### Ball Joints

To Fit Rod Dia. (mm)	Dimensions (mm)			
	L	h	h1	d
6	17.5	10.3	9	M5x0.8-6g
8	18.0	12.5	12	M8x1.25-6g
10	30.0	16.5	13	M8x1.25-6g
14	35.0	20.0	16	M10x1.5-6g

### Eyes

To Fit Rod Dia. (mm)	Dimensions (mm)			
	L	D	d1	t
6	17	9	6.1	8
8	21	14	8.3	10
10	21	14	10.3	10

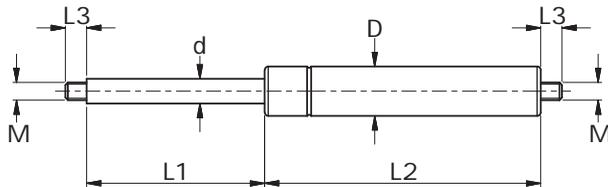
## Fixed Force Gas Struts

SR 6482

Rod: Steel

Material finish: Rod - Black nitrided; Tube - Black epoxy powder coated

- Self-contained, maintenance free
- Safe to use with easy positional control
- Suited for use on applications such as access panels, lids, bonnets and hatch covers



Part Number	Rod Ø d (mm)	Piston Ø D (mm)	Stroke L1 (mm)	Piston L2 (mm)	Fixed Force (N)	± (N)	Thread M	L3 (mm)	Standard Pack Quantity
551870	6	15	60	90	50	10	M5	10	10
551871	6	15	60	90	100	5	M5	10	10
551872	6	15	60	90	150	8	M5	10	10
551873	6	15	60	90	250	13	M5	10	10
551874	6	15	100	130	150	8	M5	10	10
551875	6	15	100	130	200	10	M5	10	10
551876	6	15	100	130	300	15	M5	10	10
551877	6	15	100	130	400	20	M5	10	10
551878	6	15	150	180	50	10	M5	10	10
551879	6	15	150	180	100	5	M5	10	10
551880	6	15	150	180	150	8	M5	10	10
551881	6	15	150	180	250	13	M5	10	10
551882	6	15	200	230	100	5	M5	10	10
551883	6	15	200	230	200	10	M5	10	10
551884	6	15	200	230	300	15	M5	10	10
551885	6	15	200	230	400	20	M5	10	10
551886	8	18	100	145	100	5	M6	10	10
551887	8	18	100	145	150	8	M6	10	10
551888	8	18	100	145	200	10	M6	10	10
551889	8	18	100	145	250	13	M6	10	10
551890	8	18	100	145	350	18	M6	10	10
551891	8	18	100	145	450	23	M6	10	10
551892	8	18	100	145	550	28	M6	10	10
551893	8	18	100	145	650	33	M6	10	10
551894	8	18	150	195	150	8	M6	10	10
551895	8	18	150	195	250	13	M6	10	10
551896	8	18	150	195	300	15	M6	10	10
551897	8	18	150	195	350	18	M6	10	10
551898	8	18	150	195	400	20	M6	10	10
551899	8	18	150	195	450	23	M6	10	10
551900	8	18	150	195	500	25	M6	10	10
551901	8	18	150	195	550	28	M6	10	10
551902	8	18	150	195	600	30	M6	10	10
551903	8	18	150	195	650	33	M6	10	10
551904	8	18	200	245	100	5	M6	10	10
551905	8	18	200	245	150	8	M6	10	10
551906	8	18	200	245	200	10	M6	10	10
551907	8	18	200	245	250	13	M6	10	10
551908	8	18	200	245	350	18	M6	10	10
551909	8	18	200	245	450	23	M6	10	10

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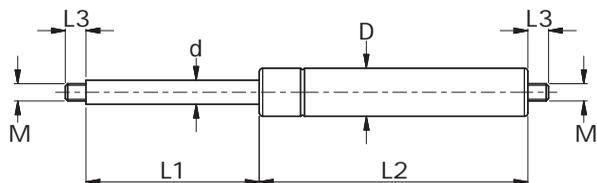
# DRAWER SLIDES, GAS STRUTS AND LID STAYS

## Fixed Force Gas Struts CONTINUED

SR 6482

Rod: Steel

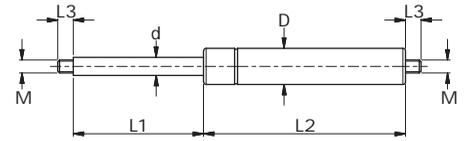
Material finish: Rod - Black nitrided; Tube - Black epoxy powder coated



Part Number	Rod $\varnothing$ d (mm)	Piston $\varnothing$ D (mm)	Stroke L1 (mm)	Piston L2 (mm)	Fixed Force (N)	$\pm$ (N)	Thread M	L3 (mm)	Standard Pack Quantity
551910	8	18	200	245	550	28	M6	10	10
551911	8	18	200	245	650	33	M6	10	10
551912	8	18	250	295	150	8	M6	10	10
551913	8	18	250	295	250	13	M6	10	10
551914	8	18	250	295	300	15	M6	10	10
551915	8	18	250	295	350	18	M6	10	10
551916	8	18	250	295	400	20	M6	10	10
551917	8	18	250	295	450	23	M6	10	10
551918	8	18	250	295	500	25	M6	10	10
551919	8	18	250	295	550	28	M6	10	10
551920	8	18	250	295	600	30	M6	10	10
551921	8	18	250	295	650	33	M6	10	10
551922	10	23	100	145	200	10	M8	12	10
551923	10	23	100	145	400	20	M8	12	10
551924	10	23	100	145	600	30	M8	12	10
551925	10	23	100	145	800	40	M8	12	10
551926	10	23	100	145	1000	50	M8	12	10
551927	10	23	100	145	1200	60	M8	12	10
551928	10	23	150	195	250	13	M8	12	10
551929	10	23	150	195	350	18	M8	12	10
551930	10	23	150	195	500	25	M8	12	10
551931	10	23	150	195	700	35	M8	12	10
551932	10	23	150	195	850	43	M8	12	10
551933	10	23	150	195	1000	50	M8	12	10
551934	10	23	200	245	200	10	M8	12	10
551935	10	23	200	245	300	15	M8	12	10
551936	10	23	200	245	400	20	M8	12	10
551937	10	23	200	245	600	30	M8	12	10
551938	10	23	200	245	900	45	M8	12	10
551939	10	23	200	245	1100	55	M8	12	10
551940	10	23	250	295	400	20	M8	12	10
551941	10	23	250	295	500	25	M8	12	10
551942	10	23	250	295	650	33	M8	12	10
551943	10	23	250	295	800	40	M8	12	10
551944	10	23	250	295	900	45	M8	12	10
551945	10	23	250	295	1000	50	M8	12	10
551946	10	23	300	345	350	18	M8	12	10
551947	10	23	300	345	550	28	M8	12	10
551948	10	23	300	345	750	38	M8	12	10
551949	10	23	300	345	850	43	M8	12	10
551950	10	23	300	345	1000	50	M8	12	10
551951	10	23	300	345	1200	60	M8	12	10

## Fixed Force Gas Struts

SR 6482



Part Number	Rod $\varnothing$ d (mm)	Piston $\varnothing$ D (mm)	Stroke L1 (mm)	Piston L2 (mm)	Fixed Force (N)	$\pm$ (N)	Thread M	L3 (mm)	Standard Pack Quantity
551952	14	28	100	155	500	25	10	12	10
551953	14	28	100	155	750	38	10	12	10
551954	14	28	100	155	1000	50	10	12	10
551955	14	28	100	155	1250	63	10	12	10
551956	14	28	100	155	1750	88	10	12	10
551957	14	28	200	255	750	38	10	12	10
551958	14	28	200	255	1000	50	10	12	10
551959	14	28	200	255	1250	63	10	12	10
551960	14	28	200	255	1500	75	10	12	10
551961	14	28	200	255	2000	100	10	12	10
551962	14	28	250	555	500	25	10	12	10
551963	14	28	250	555	750	38	10	12	10
551964	14	28	250	555	1000	50	10	12	10
551965	14	28	250	555	1250	63	10	12	10
551966	14	28	250	555	1750	88	10	12	10

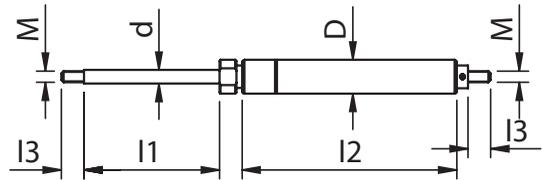
## Multi-Position Gas Strut

SR 5401

Rod: Steel

Fittings: PA/Steel

- Multi-position holding of counter-balanced weights
- Customisable external friction adjustment
- Positional control
- Safe to use and operate
- Maintenance free
- 1 pack contains:
  - 2 x Gas strut fitted with ball joints
  - 4 x eyes
  - 1 x Allen Key
  - 1 x Instruction leaflet



Part Number	Rod Diameter d (mm)	Piston Diameter D (mm)	Stroke Length l1 (mm)	Extended Length l2 (mm)	Static Force (N)	+/- (N)	Ball Joints	Eyes	Standard Pack Quantity
1253207	6	15	60	170	400	20	PA	PA	1
1253208	6	15	100	250	400	20	PA	PA	1
1253209	6	15	150	350	400	20	PA	PA	1
1253210	6	15	200	450	400	20	PA	PA	1
1253211	8	18	100	264	650	33	Steel	PA	1
1253212	8	18	150	364	650	33	Steel	PA	1
1253213	8	18	200	464	650	33	Steel	PA	1
1253214	8	18	250	564	650	33	Steel	PA	1
1253215	10	23	250	560	1200	60	Steel	Zinc	1
1253216	10	23	300	660	1200	60	Steel	Zinc	1

CONTINUED ON NEXT PAGE

# DRAWER SLIDES, GAS STRUTS AND LID STAYS

## Stainless Steel Gas Struts

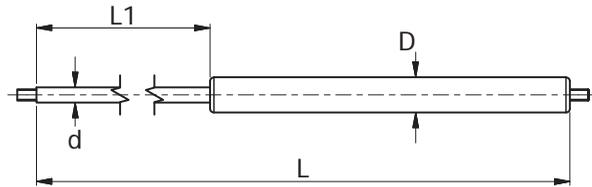
SR 5402

Rod: 316 Stainless Steel

Fittings: PA



- High corrosion resistance for external applications
- 1000 hours salt spray tested
- 316L stainless steel tube and rod
- Additional hardness and corrosion resistance via special surface finish
- Supplied in Pairs
- 1 pack contains:
  - 2 x Gas strut fitted with PA ball joints
  - 4 x PA eyes
  - 1 x Allen Key
  - 1 x Instruction leaflet



Part Number	Rod Diameter d (mm)	Piston Diameter D (mm)	Stroke Length L1 (mm)	Extended Length L (mm)	Static Force (N)	+/- (N)	Standard Pack Quantity
1253243	6	15	60	160	400	20	1
1253245	6	15	100	240	400	20	1
1253244	6	15	150	340	400	20	1
1253246	6	15	200	440	400	20	1
1253247	8	18	100	264	650	33	1
1253249	8	18	150	364	650	33	1
1253248	8	18	200	464	650	33	1
1253250	8	18	250	564	650	33	1
1253251	8	18	300	664	650	33	1
1253252	10	23	100	245	1200	60	1
1253253	10	23	200	445	1200	60	1
1253254	10	23	250	545	1200	60	1
1253255	10	23	300	645	1200	60	1
1253256	14	28	200	480	2500	125	1
1253257	14	28	300	680	2500	125	1

## YES, WE CAN CUSTOMISE YOUR GAS STRUT

We're more than what you'll find within these pages.

Our expertise, knowledge and experience means we can design and build a bespoke gas strut that perfectly suits your needs.

To learn more:

**Call 01 806 2266**

[www.essentracomponents.ie](http://www.essentracomponents.ie)

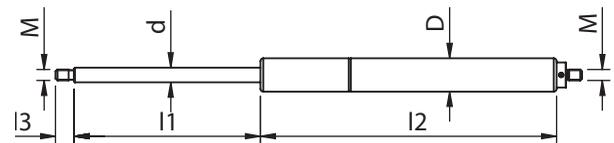
## Safety Locking-Shroud Gas Springs

SR 5403

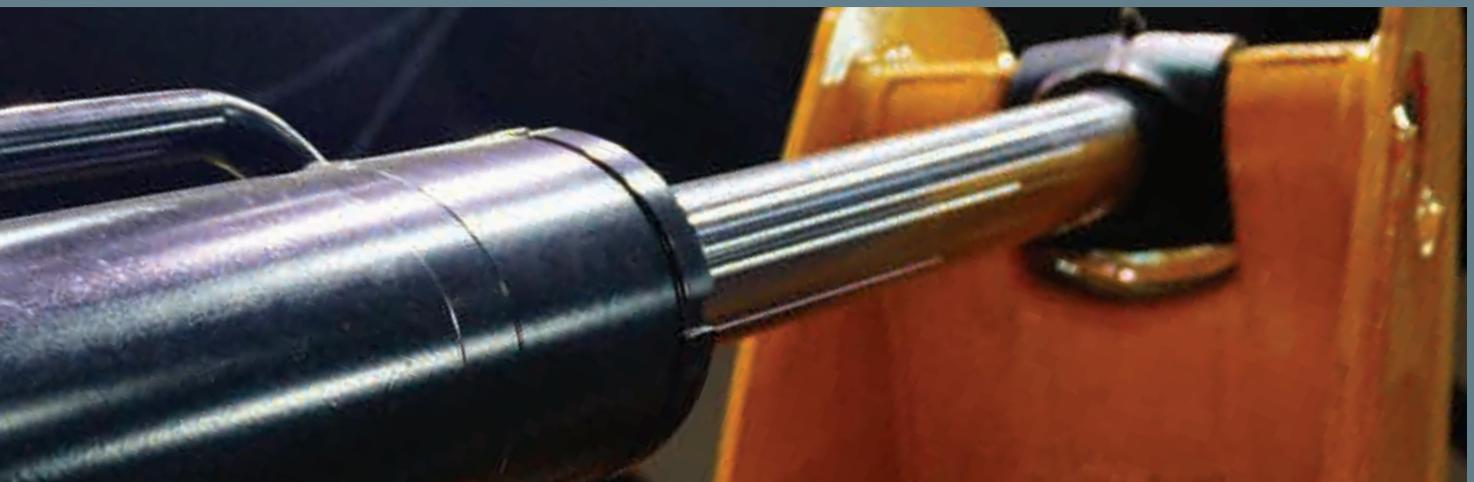
Rod: Steel

Fittings: PA/Steel

- Eliminates the need for separate safety rods in critical lift-assist operations
- Operates automatically
- Safe and easy to use
- Self-contained unit
- Maintenance free
- Supplied in Pairs
- 1 pack contains:
  - 2 x Gas strut (1 safety and 1 adjustable force) fitted with ball joints
  - 4 x PA eyes
  - 1 x Allen Key
  - 1 x Instruction leaflet



Part Number	Rod Diameter d (mm)	Piston Diameter D (mm)	Stroke Length l1 (mm)	Extended Length l2 (mm)	Static Force (N)	+/- (N)	Standard Pack Quantity
1253233	8	18	100	264	650	33	1
1253234	8	18	150	364	650	33	1
1253235	8	18	200	464	650	33	1
1253236	8	18	250	564	650	33	1
1253237	8	18	300	664	650	33	1
1253238	10	23	200	465	1200	60	1
1253239	10	23	300	665	1200	60	1
1253240	14	28	200	480	2500	125	1
1253241	14	28	300	680	2500	125	1
1253242	14	28	400	880	2500	125	1

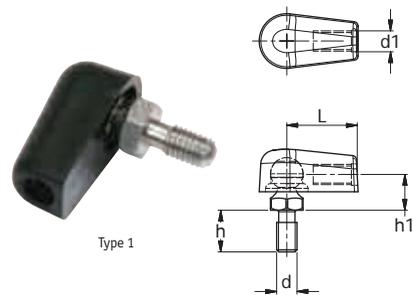


# DRAWER SLIDES, GAS STRUTS AND LID STAYS

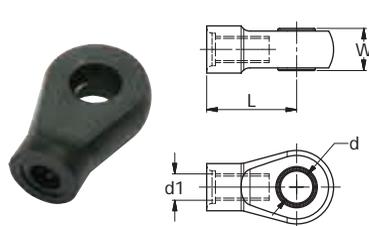
## End Fittings

### SR 6481

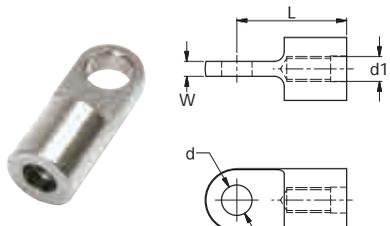
- Different designs and sizes for flexibility of mounting
- Designed to suit your application
- Maintenance free



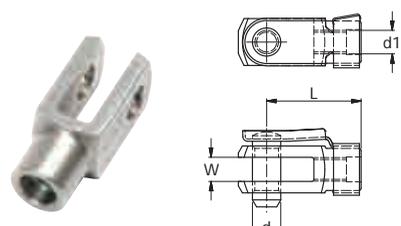
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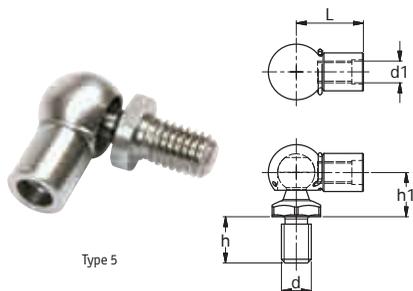
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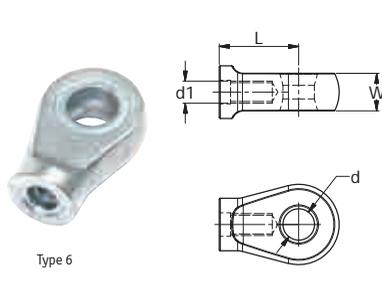
Type 3



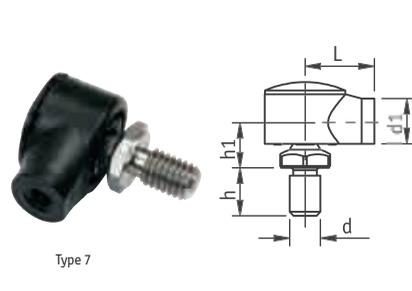
Type 4



Type 5



Type 6



Type 7

Part Number	Material	Type	To fit Gas Strut Ø	Dimensions (mm)						Standard Pack Quantity
				d	d1	h	h1	W	L	
552018	PA	1	6-15	M5 x 0.8	M5 x 0.8	10.3	9.0	-	17.5	25
552024	PA	1	8-18	-	M6 x 1.0	-	-	-	17.5	25
552019	PA	2	6-15	6.1	M5 x 0.8	-	-	8.075	17.0	25
552026	PA	2	8-18	8.1	M6 x 1.0	-	-	10.0	21.0	25
552020	Steel	3	6-15	6.1	M5 x 0.8	-	-	3.0	22.0	25
552035	Steel	3	14-28	10.0	M10 x 1.5	-	-	10.2	32.0	25
1253202	Stainless Steel	3	-	8.0	M6 x 1.0	-	-	5.0	25.0	4
1253205	Stainless Steel	3	-	-	M6 x 1.0	-	-	8.0	32.0	4
552021*	Steel	4	6-15	5.0	M5 x 0.8	-	-	5.2	20.0	25
552028*	Steel	4	8-18	6.0	M6 x 1.0	-	-	6.3	24.0	25
552032*	Steel	4	10-23	8.0	M8 x 1.25	-	-	8.2	32.0	25
552036*	Steel	4	14-28	10.0	M10 x 1.5	-	-	10.3	37.0	25
1253203	Stainless Steel	4	8-18	6.0	M6 x 1.0	-	-	6.3	24.0	4
1253206	Stainless Steel	4	10-23	8.0	M6 x 1.0	-	-	8.2	32.0	4
552023	Steel	5	8-18	M8 x 1.25	M6 x 1.0	12.5	12.0	-	18.0	25
552025	Steel	5	8-18	M8 x 1.25	M8 x 1.25	16.5	13.0	-	30.0	25
552030	Steel	5	10-23	M10 x 1.5	M8 x 1.25	20.0	16.0	-	35.0	25
552034	Steel	5	14-28	-	M6 x 1.0	-	-	-	18.0	25
1253201	Stainless Steel	5	8-18	M8 x 1.25	M6 x 1.0	12.5	12.0	-	18.0	4
1253204	Stainless Steel	5	8-18	M8 x 1.25	M8 x 1.25	16.5	13.0	-	30.0	4
552027	Zinc	6	8-18	8.3	M6 x 1.0	-	-	10.0	21.0	25
552031	Zinc	6	10-23	10.3	M8 x 1.25	-	-	10.0	21.0	25
1253200	PA	7	-	12	M8 x 1.25	12.5	12	-	18.0	4

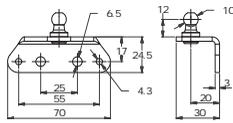
\*add plated steel locking clip 552021 with 552022/552032 with 552033/552028 with 552029/552036 with 552037

## Mounting Brackets

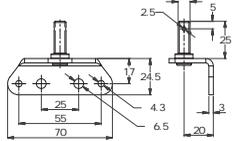
SR 6480

Carbon steel with zinc and clear passivate

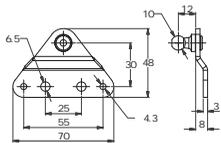
- Easy installation
- A wide range of end fit options available
- Salt spray tested under ASTM B 117
- Designed to accept DIN/ISO standard fixings
- Suitable for gas strut size 8-18 diameter



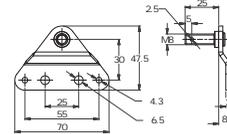
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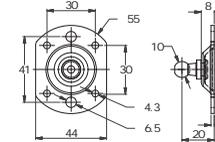
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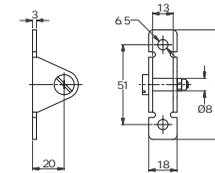
Type 3



Type 4



Type 5



Type 6



### 90° Plated

Part Number	Type	Fit	Standard Pack Quantity
552039	1	Ball Joint	25
552043	2	Eyes Clevis Fork	25

### Flat Plated

Part Number	Type	Fit	Standard Pack Quantity
552038	3	Ball Joint	25
552041	4	Eyes Clevis Fork	25

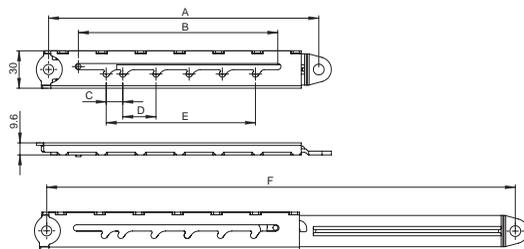
### Raised and U-Plated

Part Number	Type	Fit	Standard Pack Quantity
552040	5	Ball Joint	25
552042	6	Eyes Clevis Fork	25

## Folding Lid Stays

Carbon Steel with Clear Passivate

- Easy installation and simple to operate
- Supports up to 135kg
- Maintenance free
- Up to 10 adjustment positions
- Stops at any holding position



Part Number	Number of positions	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Standard Pack Quantity
1253258	5	141	87	13	13	52	231	10
1253259	10	215	159	13	13	117	373	10
1253260	6	215	155	14	26	118	373	10

# DRAWER SLIDES, GAS STRUTS AND LID STAYS

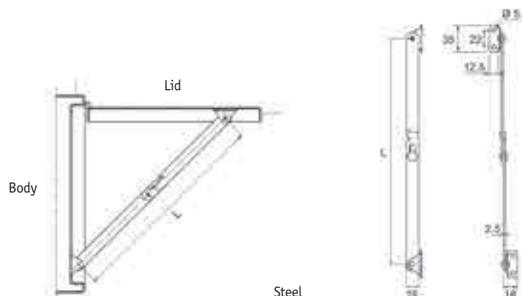
## Medium Duty Lid Stays

SR 5553

Steel - Zinc Plated Finish/304 Stainless Steel



- Available in left or right-handed versions
- Ideal for holding open lids, electric panel and inspection covers, etc.
- Drilled for screws of  $\varnothing 5\text{mm}$



Steel

Part Number		L (mm)	Standard Pack Quantity
Left Hand	Right Hand		
07963135002E	07963135001E	135	50
07963202002E	07963202001E	202	50
07963292002E	07963292001E	292	50

Stainless Steel

Part Number		L (mm)	Standard Pack Quantity
Left Hand	Right Hand		
07940135002E	07940135001E	135	50
07940202002E	07940202001E	202	50
07940292002E	07940292001E	292	50

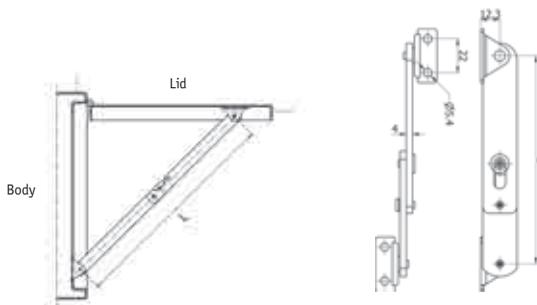
## Heavy Duty Lid Stays

SR5571

Steel/304 Stainless Steel



- 4mm Thick
- Suitable for heavy duty applications
- Ideal for heavy lids, electrical panels or machinery covers



Steel

Part Number		L (mm)	Standard Pack Quantity
Left Hand	Right Hand		
27963135002E	27963135001E	135	20
27963202002E	27963202001E	202	20
27963292002E	27963292001E	292	20

Stainless Steel

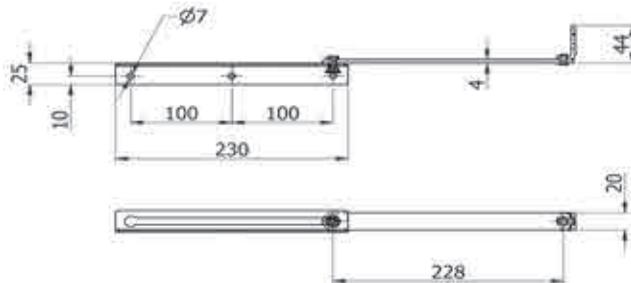
Part Number		L (mm)	Standard Pack Quantity
Left Hand	Right Hand		
27940135002E	27940135001E	135	20
27940202002E	27940202001E	202	20
27940292002E	27940292001E	292	20

## Automatic Locking Lid Stay

SR 5572

Steel/304 Stainless Steel

- Stay will automatically lock to keep door open
- Can be used as left or right hand



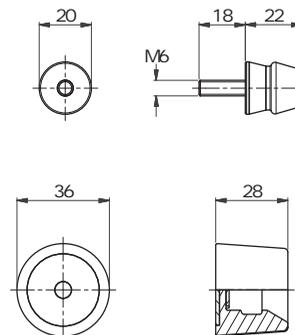
Part Number	Type	Standard Pack Quantity
17940E	Stainless Steel	20
17963E	Steel	20

## Door Holdback

SR 5580

NBR Rubber

- Provides good shock absorbing properties while the door contacts with the frame of the cabinet
- Keeps the door at open position and can be used instead of cover stays
- Suitable for outdoor cabinets with high corrosion resistance
- Ideal for generators, compressors and machinery covers
- Made from NBR Rubber



Part Number	Standard Pack Quantity
34008001	5

## HIGH PERFORMING SLIDE BEARINGS, IDEAL FOR CONSTRUCTION

- High performing vibration mounts and slide bearings ideal for your construction applications
- Slide bearings to withstand fluctuating temperatures and thermal expansion of materials
- Custom solution capabilities available upon request



CUSTOM  
SOLUTIONS  
AVAILABLE



536



536



537



537



539



539



540



541



542



543

MORE THAN  
**400**  
MOTION  
CONTROL  
PRODUCTS  
AVAILABLE

# MOTION CONTROL



VIBRATION MOUNTS

536



SLIDE BEARINGS

540



GEAR WHEELS

543

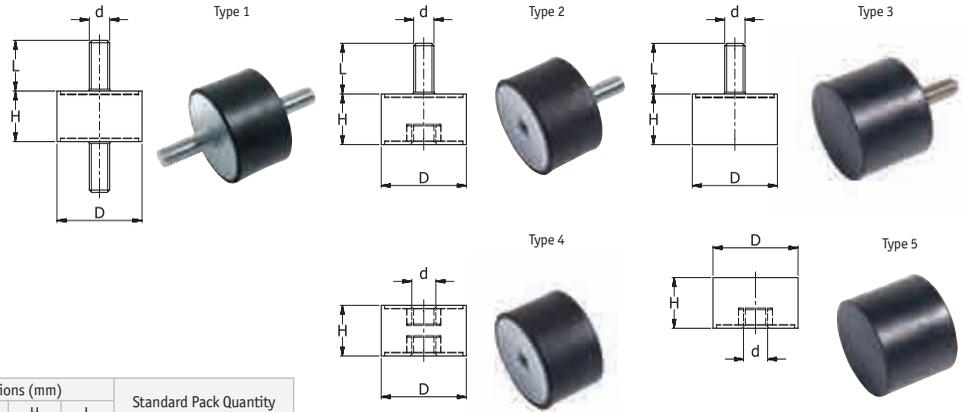
# VIBRATION MOUNTS

## Vibration Mounts

SR 5495

Zinc Plated Steel and Rubber

- Used for any application that requires the isolation of vibration
- Can be used in compression, shear or both – where there are no requirements for fail safe functionality
- Five options available



Part Number			Dimensions (mm)				Standard Pack Quantity
Type 1	Type 2	Type 3	d	D	H	L	
497699	497743	497765	M4	10	10	6	70
497700	497744	497766	M4	10	15	6	70
-	497745	497767	M4	15	10	10	40
-	497746	497768	M4	15	15	10	40
-	497747	497769	M4	15	20	10	40
497701	-	-	M5	15	10	10	40
497702	-	-	M5	15	15	10	40
497703	-	-	M5	15	20	10	40
-	497748	-	M5	20	15	15	45
-	497749	-	M5	20	20	15	45
-	497750	-	M5	20	25	15	45
-	-	497772	M6	20	25	15	45
497704	-	497770	M6	20	15	15	45
497705	-	497771	M6	20	20	15	45
497706	-	-	M6	20	25	15	45
497707	497751	497773	M6	25	20	20	35
497708	497752	497774	M6	25	25	20	35
497709	497753	497775	M6	25	30	20	35
497710	497754	497776	M8	30	25	25	20
497711	497755	497777	M8	30	30	25	20
497712	497756	497778	M8	30	35	25	20
497713	497757	497779	M8	40	35	33	20
497714	497758	497780	M8	40	40	33	20
497715	497759	497781	M8	40	45	33	20
497716	497760	497782	M10	50	45	38	20
497717	497761	497783	M10	50	50	38	20
497718	497762	497784	M10	60	60	43	10
497719	497763	497785	M10	70	70	43	5
497720	497764	497786	M16	100	50	46	8

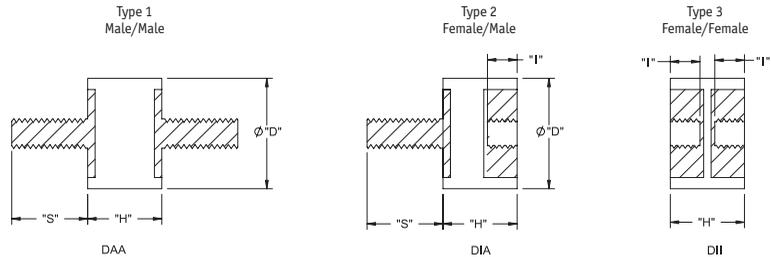
Part Number		Dimensions (mm)			Standard Pack Quantity
Type 4	Type 5	d	D	H	
497721	-	M3	10	10	70
497723	-	M3	15	10	40
497722	497788	M4	10	15	70
-	497787	M4	10	10	70
-	497789	M4	15	10	40
497724	497790	M4	15	15	40
497725	497791	M4	15	20	40
497726	497792	M6	20	15	45
497727	497793	M6	20	20	45
497728	497794	M6	20	25	45
497729	497795	M6	25	20	35
497730	497796	M6	25	25	35
497731	497797	M6	25	30	35
497732	497798	M8	30	25	20
497733	497799	M8	30	30	20
497734	-	M8	30	35	20
497735	497801	M8	40	35	20
497736	497802	M8	40	40	20
497737	497803	M8	40	45	20
497738	497804	M10	50	45	20
497739	497805	M10	50	50	20
497740	497806	M10	60	60	10
497741	-	M10	70	70	5
497742	497808	M16	100	50	8

## Metric Vibration Mount

SR 6501

Base: Natural Rubber, 55 Shore A, 0 to -50°C

Inserts/Studs: Galvanised Steel ST37



Part Number	Type	Thread	Dimensions (mm)				Standard Pack Quantity
			"D" Ø	"H"	Stud Thread "S"	Insert Thread "I"	
SDD-DAA-15-8-M4	1	M4	15	8	10	-	100
SDD-DAA-2515-M6	1	M6	25	15	18.5	-	100
SDD-DAA-2520-M6	1	M6	25	20	18.5	-	100
SDD-DIA-1530-M4	2	M4	15	30	15	4	100
SDD-DIA-2025-M6	2	M6	20	25	19	6	100
SDD-DIA-1515-M4	2	M4	15	15	13	4	100
SDD-DII-1515-M4	3	M4	15	15	-	4	100

## Rubber Stop

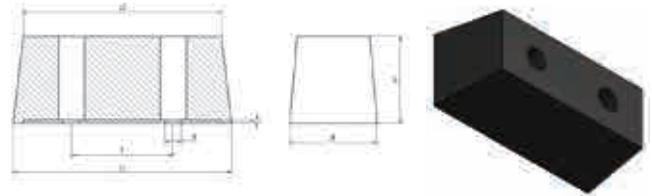
SR 6484

Zinc Plated Steel and Rubber

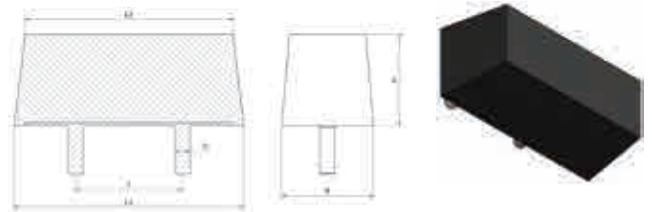
Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		L1	L2	B	H	t	d		
552014	1	150	136	60	60	70	11	2	
552015	1	200	168	100	100	90	13	2	

Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		L1	L2	B	H	t	G		
552016	2	150	136	60	60	70	M10 x 32	2	
552017	2	200	168	100	100	90	M12 x 36	2	

Type 1



Type 2

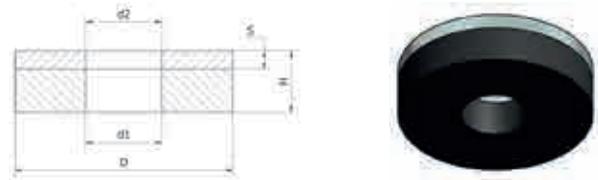


## Bushing

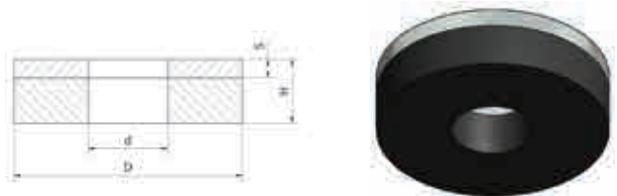
SR 6485

Natural Rubber/Steel

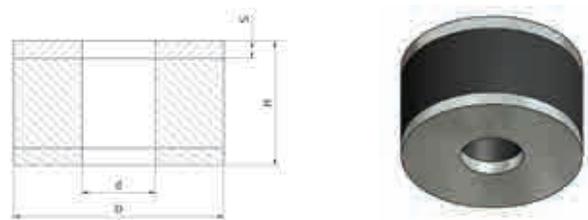
Type 1



Type 2



Type 3



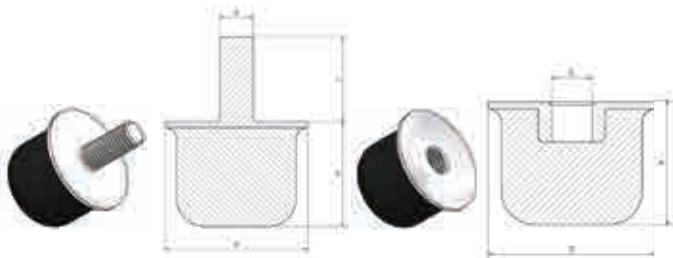
Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		D	H	d	d1	d2	s		
551999	1	30.0	16.0	-	16.0	9.0	3.0	20	
552000	1	40.0	20.0	-	17.0	9.0	3.0	20	
552001	1	50.0	20.0	-	22.0	11.0	3.0	20	
552002	1	60.0	20.0	-	25.0	11.0	4.0	10	
552003	1	80.0	20.0	-	32.0	13.0	4.0	5	
552004	2	40.0	10.0	10.0	-	-	2.0	200	
552005	2	62.0	6.0	14.0	-	-	3.0	100	
552006	2	100.0	30.0	21.0	-	-	4.0	8	
552007	3	15.0	25.0	6.0	-	-	2.0	40	
552008	3	20.0	25.0	6.0	-	-	2.0	48	
552009	3	40.0	20.0	13.0	-	-	3.0	20	
552010	3	40.0	40.0	13.0	-	-	3.0	20	
552011	3	50.0	30.0	21.0	-	-	3.0	20	
552012	3	80.0	30.0	21.0	-	-	3.0	5	
552013	3	100.0	40.0	21.0	-	-	4.0	8	

## Conical Buffer

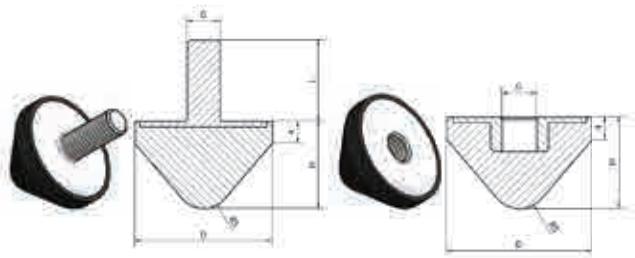
SR 6486

Zinc Plated Steel and Rubber

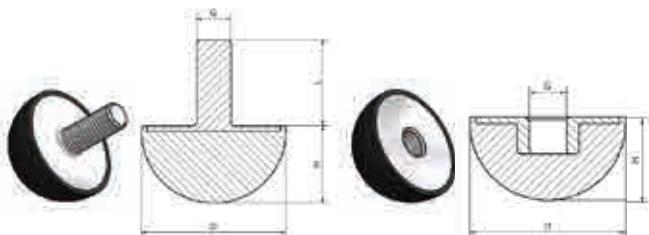
Type 1



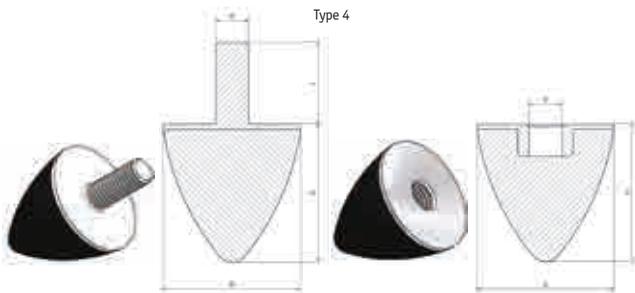
Type 3



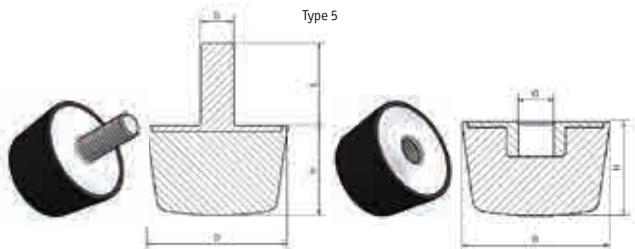
Type 2



Type 4



Type 5



Type 6



Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		D	H	G	L	
551967	1	50.0	35.0	M10	10.0	20
551968	1	50.0	35.0	M10	-	20
551969	2	25.0	15.0	M6	18.0	35
551970	2	30.0	26.0	M8	48.0	35
551971	2	25.0	15.0	M6	-	35
551972	2	30.0	26.0	M8	-	20
551973	3	25.0	16.0	M8	20.0	35
551974	3	50.0	28.0	M8	28.0	20
551975	3	60.0	45.0	M10	28.0	10
551976	3	25.0	16.0	M8	-	35
551977	3	50.0	28.0	M8	-	20
551978	3	60.0	45.0	M10	-	10
551979	4	20.0	15.0	M6	10.0	45
551980	4	30.0	30.0	M8	20.0	20
551981	4	50.0	50.0	M10	28.0	20
551982	4	70.0	58.0	M12	32.0	5
551983	4	20.0	15.0	M6	-	45
551984	4	30.0	30.0	M8	-	20
551985	4	50.0	50.0	M10	-	20
551986	4	70.0	58.0	M12	-	5
551987	5	12.0	12.0	M4	10.0	35
551988	5	25.0	12.0	M6	18.0	35
551989	5	45.0	21.0	M8	46.0	20
551990	5	50.0	50.0	M10	28.0	20
551991	5	12.0	12.0	M4	-	35
551992	5	25.0	12.0	M6	-	35
551993	5	45.0	21.0	M8	-	20
551994	5	50.0	50.0	M10	-	20

Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		A	B	C	G x H	
551995	6	43.0	30.0	35.0	M10 x 27	20
551996	6	63.0	57.5	50.0	M10 x 31	10
551997	6	43.0	30.0	35.0	M10	20
551998	6	63.0	57.5	50.0	M10	10

## Vibration Mount

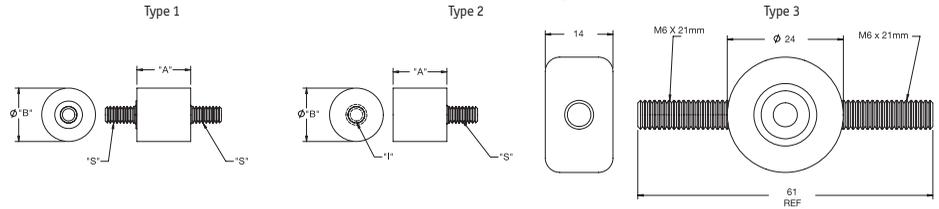
SR 6502

Rubber: Black Neoprene Rubber, 40 Shore A, -40 to 80°C

Screws: 1010-1020 Steel

Finish: Yellow Chromate Zinc

- Threaded metal insert may be blind clip, or through-nut



Part Number	Type	Dimensions (mm)		Stud Thread "S"	Insert Thread "I"	15% Deflection	Standard Pack Quantity
		"A"	"B"				
QM1	1	11.1	11.1	#6-32 x ¼	-	4	100
QM4	1	12.7	14.3	#8-32 x ¾	-	7	100
QM5	1	19.1	25.4	#1/4-20 x ½	-	20	100
QM7	1	14.3	12.7	#10-32 x ¾	-	1	100
QM1T	2	11.1	11.1	#6-32 x ¼	#6-32 x ¾	2	100
QM2T	2	11.1	11.1	#6-32 x ½	#6-32 x ¾	3	100
QM3T	2	12.7	11.1	#8-32 x ¾	#8-32 x ¾	4	100
QM4T	2	12.7	14.3	#8-32 x ¾	#8-32 x ¾	13	100
QM7T	2	14.3	12.7	#10-32 x ¾	#10-32 x ¾	5	100
QM8*	3	See Drawing	See Drawing	See Drawing	See Drawing	5	100

\* Rubber: Black Butyl Rubber, 55 Shore A, -40 to 140°C. Stud: Brass

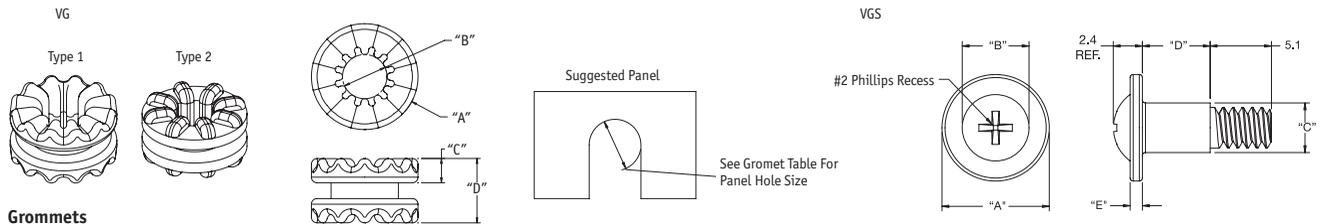
## Vibration Grommet and Screw

SR 6503

Grommets: Black Neoprene Rubber, 60 Shore A, -40 to 50°C

Screws: 1022 Carbon Steel

Finish: Zinc with Clear Dichromate Plating



### Grommets

Part Number	Type	Dimensions (mm)				Dim. "C" Typ.	Dim. "D" Ref.	Mating Screws	Standard Pack Quantity
		"A"	"B"	Panel Thickness	Panel Hole Ø				
VG-1	1	9.7	4	1.45	6.35	2.2	5.9	VG-1 or VG-4	1000
VG-2	1	14.4	4.8	1.60	9.53	3.3	8.2	VG-5	1000
VG-3	1	9.7	4	0.79	6.35	2.5	5.9	VG-1 or VG-4	1000
VG-4	1	14.4	4.8	1.09	9.53	3.6	8.2	VG-5	1000
VG-5	2	9.5	3.6	1.4	5.5	2.1	5.5	VG-3 or VG-6	1000

### Screws

Part Number		Use With Grommet Part Number	Dimensions (mm)					Standard Pack Quantity
Thread: 6-32 UNC-2A	Thread: M3 x 0.5		"A"	"B" Ref.	"C"	"D"	"E"	
VG-1	VG-4	VG-1, VG-3	8.9	5.5	4.1	5.2	1.3	1000
VG-3	VG-6	VG-5	8.9	5.5	3.7	5	1.3	1000

VG Grommets are sold separately.

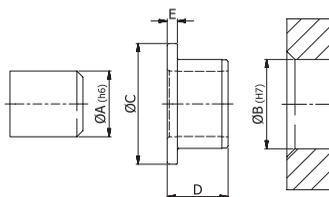
## Nylon Slide Bearing with Flange

SR 1939

Natural Polyamide 6.6



- Suitable for DIN h6-H7 fitting
- Bearing clearance approx. 1% of the shaft diameter after assembly



Part Number		Dimensions (mm)					Standard Pack Quantity
Natural	Black	A	B	C	D	E	
008030000002	008030059902	3.0	5.0	8.0	7.0	2.2	100
008040000002	008040059902	4.0	6.0	9.0	8.0	2.0	100
008050000002	008050059902	5.0	8.0	11.0	10.0	2.0	100
008050400002	008050459902	5.3	7.3	15.0	5.0	1.5	100
008060000002	008060059902	6.0	9.0	12.0	11.0	2.0	100
008060200002	008060259902	6.2	7.8	12.0	10.0	2.0	100
008060600002	008060659902	6.2	9.1	12.0	18.0	2.0	100
008060900002	008060959902	6.0	10.0	15.0	8.5	2.0	100
008061000002	008061059902	6.0	9.0	12.0	6.0	2.0	100
008070600002	008070659902	7.4	9.0	14.7	4.3	1.5	100
008080000002	008080059902	8.0	11.0	16.0	13.0	2.0	100
008080900002	008080959902	8.0	12.0	16.0	6.0	2.0	100
008081000002	008081059902	8.0	14.0	20.0	10.0	2.0	100
008081100002	008081159902	8.0	11.0	16.0	7.0	2.0	100
008081200001	008081259901	8.1	10.1	13.0	10.8	0.8	100
008100000002	008100059902	10.0	13.0	18.0	15.0	2.0	100
008100200002	008100259902	10.5	13.0	21.0	15.0	3.0	100
008101000002	008101059902	10.0	12.0	16.0	6.0	2.0	100
008101100002	008101159902	10.0	14.0	20.0	10.0	2.0	100
008101200002	008101259902	10.0	16.0	21.0	10.0	2.0	100
008101400002	008101459902	10.0	13.0	18.0	8.0	2.0	100
008101600002	008101659902	10.0	13.0	21.0	16.0	3.0	100
008120000002	008120059902	12.0	16.0	21.0	19.0	2.0	100
008120400002	008120459902	12.4	18.0	24.0	18.0	2.0	100

Part Number		Dimensions (mm)					Standard Pack Quantity
Natural	Black	A	B	C	D	E	
008120600002	008120659902	12.0	14.0	20.0	10.0	2.0	100
008120700002	008120759902	12.0	16.0	21.0	10.0	2.0	100
008140000002	008140059902	14.0	18.0	28.0	21.0	3.0	100
008150400002	008150459902	15.2	20.1	24.0	12.0	2.0	100
008160000002	008160059902	16.0	20.0	28.0	22.0	2.5	100
008160300002	008160359902	16.0	20.0	28.0	15.5	2.5	100
008160400002	008160459902	16.0	22.0	30.0	15.0	2.5	100
008180000002	008180059902	18.0	22.0	30.0	25.0	2.5	100
008180300002	008180359902	18.5	20.0	23.5	7.5	1.4	100
008180500002	008180559902	18.3	22.1	30.0	12.0	2.5	100
008200000002	008200059902	20.0	24.0	30.0	26.0	2.0	100
008200200002	008200259902	20.0	24.0	30.0	15.0	2.0	100
008200300002	008200359902	20.0	25.0	30.0	15.0	2.0	100
008200400002	008200459902	20.0	26.0	30.0	15.0	2.0	100
008240000002	008240059902	24.0	30.0	37.0	30.0	2.5	100
008250000002	008250059902	25.0	30.0	37.0	30.0	2.5	100
008280000002	008280059902	28.0	33.0	40.0	33.0	2.5	100
008300000002	008300059902	30.0	35.0	42.0	35.0	2.5	100
008320000002	008320059902	32.0	38.0	45.0	38.0	3.0	100
008400000002	008400059902	40.0	46.0	55.0	46.0	3.0	100
008500000002	008500059902	50.0	56.0	67.0	50.0	3.5	100
008600000002	008600059902	60.0	68.0	81.0	50.0	4.0	100

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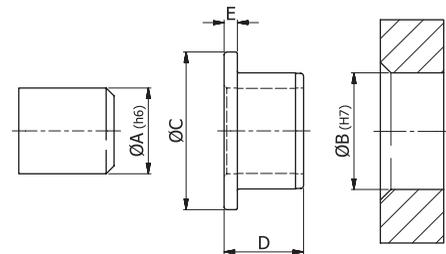
## Nylon and PTFE Slide Bearing with Flange

SR 1936

Black Polyamide 6.6 with PTFE compound

- Made from Polyamide 6.6, carbon fibre and PTFE compound
- Very low friction and good heat discharge
- Suitable for DIN h6-H7 fitting
- Friction coefficient 0.11 (statistical)
- Bearing clearance approx. 1% of the shaft diameter after assembly

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
008705011442	6.0	8.0	12.0	4.0	1.0	100
008707011442	6.0	8.0	12.0	6.0	1.0	100
008709011442	6.0	8.0	12.0	8.0	1.0	100
008711011442	6.0	8.0	12.0	10.0	1.0	100
008713011442	8.0	10.0	15.0	5.5	1.0	100
008715011442	8.0	10.0	15.0	7.5	1.0	100
008717011442	8.0	10.0	15.0	10.0	1.0	100
008719011442	8.0	10.0	15.0	15.0	1.0	100
008721011442	10.0	12.0	18.0	6.0	1.0	100
008723011442	10.0	12.0	18.0	9.0	1.0	100
008725011442	10.0	12.0	18.0	12.0	1.0	100
008727011442	10.0	12.0	18.0	15.0	1.0	50
008729011442	12.0	14.0	20.0	9.0	1.0	50
008731011442	12.0	14.0	20.0	12.0	1.0	50
008733011442	12.0	14.0	20.0	15.0	1.0	50
008735011442	12.0	14.0	20.0	20.0	1.0	50
008737011442	14.0	16.0	22.0	12.0	1.0	50
008739011442	14.0	16.0	22.0	17.0	1.0	50
008741011442	15.0	17.0	23.0	9.0	1.0	50
008743011442	15.0	17.0	23.0	12.0	1.0	50
008745011442	15.0	17.0	23.0	17.0	1.0	50
008747011442	16.0	18.0	24.0	12.0	1.0	50
008749011442	16.0	18.0	24.0	17.0	1.0	50
008751011442	18.0	20.0	26.0	12.0	1.0	50
008753011442	18.0	20.0	26.0	17.0	1.0	50
008755011442	20.0	23.0	30.0	11.5	1.5	10
008757011442	20.0	23.0	30.0	16.5	1.5	10
008759011442	20.0	23.0	30.0	21.5	1.5	10
008761011442	25.0	28.0	35.0	16.5	1.5	10
008763011442	25.0	28.0	35.0	21.5	1.5	10
008765011442	25.0	28.0	35.0	30.0	1.5	10
008767011442	30.0	34.0	42.0	16.0	2.0	10
008769011442	30.0	34.0	42.0	26.0	2.0	10
008771011442	30.0	34.0	42.0	37.0	2.0	10
008773011442	32.0	36.0	45.0	16.0	2.0	10
008775011442	32.0	36.0	45.0	26.0	2.0	10
008777011442	35.0	39.0	47.0	16.0	2.0	10
008779011442	35.0	39.0	47.0	26.0	2.0	10
008781011442	40.0	44.0	52.0	30.0	2.0	10
008783011442	40.0	44.0	52.0	40.0	2.0	10
008785011442	45.0	50.0	58.0	30.0	2.0	10
008787011442	45.0	50.0	58.0	50.0	2.0	10

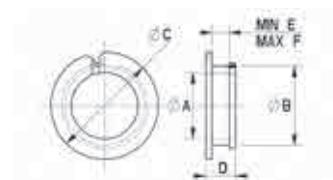


## Plate Bearing

SR 2019

Natural Polyamide 6.6

- Minimum clearance at indicated shaft and hole dimensions 0.03mm
- Simply twist the bearing into the hole thanks to the compensation gap



Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
164001000002	3	4.2	6	3.6	1.5	2.0	50
164002000002	4	5.2	7	3.6	1.5	2.0	50
164003000002	5	6.2	8	3.6	1.5	2.0	50
164004000002	6	7.3	11	3.6	1.5	2.0	50
164005000002	8	9.6	13	3.6	1.5	2.0	50
164006000002	10	11.7	15	3.6	1.5	2.0	50
164007000002	12	13.6	17	3.6	1.5	2.0	50

## All round Slide Bearing

**SR 2018**

**Polyamide 6.6, Glass fibre, PTFE**

**Colour: Grey**

- All round slide bearing
- High pressure load
- Maintenance free
- Suitable for DIN h6-H7 fitting



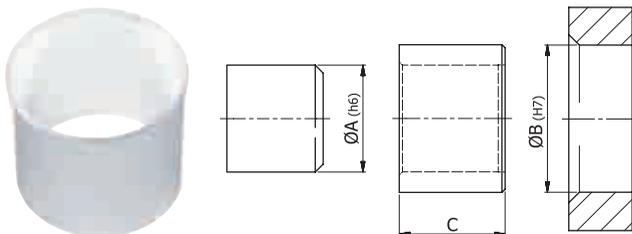
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
103502023243	6.0	8.0	4.0	100
103504023243	6.0	8.0	6.0	100
103506023243	6.0	8.0	8.0	100
103508023243	6.0	8.0	10.0	100
103510023243	8.0	10.0	5.5	100
103512023243	8.0	10.0	7.5	100
103514023243	8.0	10.0	10.0	100
103516023243	8.0	10.0	15.0	100
103518023243	10.0	12.0	6.0	100
103520023243	10.0	12.0	9.0	100
103522023243	10.0	12.0	12.0	50
103524023243	10.0	12.0	15.0	50
103526023243	12.0	14.0	9.0	50
103528023243	12.0	14.0	12.0	50
103530023243	13.0	14.0	15.0	50
103532023243	12.0	14.0	20.0	50
103534023243	14.0	16.0	15.0	50
103536023243	14.0	16.0	20.0	50
103538023243	15.0	17.0	12.0	50
103542023243	15.0	17.0	20.0	50
103544023243	16.0	18.0	12.0	50
103546023243	16.0	18.0	15.0	50
103548023243	16.0	18.0	20.0	50
103550023243	18.0	20.0	12.0	50
103552023243	18.0	20.0	15.0	50
103554023243	18.0	20.0	20.0	10
103556023243	20.0	23.0	15.0	10
103558023243	20.0	23.0	20.0	10
103560023243	20.0	23.0	25.0	10
103562023243	25.0	28.0	20.0	10
103564023243	25.0	28.0	30.0	10
103566023243	30.0	34.0	20.0	10
103568023243	30.0	34.0	25.0	10
103570023243	30.0	34.0	30.0	10
103572023243	30.0	34.0	40.0	10
103574023243	32.0	36.0	20.0	10
103576023243	32.0	36.0	30.0	10
103580023243	35.0	39.0	30.0	10
103582023243	35.0	39.0	40.0	10
103584023243	40.0	44.0	30.0	10
103586023243	40.0	44.0	40.0	10
103588023243	45.0	50.0	30.0	10
103590023243	45.0	50.0	50.0	10

## Nylon Cylindrical Slide Bearing

**SR 1932**

**Natural Polyamide 6.6**

- Suitable for soundless hinging and low R.P.M machines
- Suitable for DIN h6-H7 fitting
- Impervious to dirt ingress, weather and chemical corrosion
- Bearing clearance approx. 1% of the shaft diameter after assembly



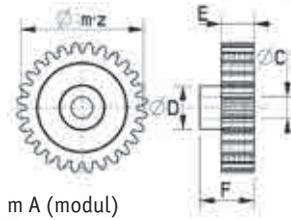
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
103081200002	8	12	10	100
103081400002	8	14	10	100
103101200002	10	12	10	100
103101400002	10	14	10	100
103101600002	10	16	10	100
103121400002	12	14	10	100
103121600002	12	16	10	100
103121800002	12	18	14	100
103152000002	15	20	15	100
103152200002	15	22	15	100
103162000002	16	20	15	100
103162200002	16	22	15	100
103202400002	20	24	15	100
103202500002	20	25	15	100
103202600002	20	26	20	100

## Gear Wheel

SR 2021

Natural POM

- Usable up to 95°C
- Available in modules 0.5, 1, 1.5 and 2
- B = number of teeth



m A (modul)  
z B  
alpha 20°  
DIN 16901-140



Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
104002700005	0.5	15	3.0	6.0	3.0	10.0	10
104002900005	0.5	20	4.0	8.0	3.0	10.0	10
104003000005	0.5	25	4.0	10.0	3.0	10.0	10
104003100005	0.5	30	4.0	12.0	3.0	10.0	10
104003200005	0.5	35	4.0	12.0	3.0	10.0	10
104003300005	0.5	40	4.0	12.0	3.0	10.0	10
104003500005	0.5	48	6.0	15.0	3.0	10.0	10
104003600005	0.5	50	6.0	15.0	3.0	10.0	10
104003700005	0.5	60	6.0	15.0	3.0	10.0	10
104003800005	0.5	72	6.0	15.0	3.0	10.0	10
104003900005	0.5	96	6.0	15.0	3.0	10.0	10
104004000005	0.5	120	6.0	15.0	3.0	10.0	10
104000100005	1.0	12	4.0	9.0	8.0	16.0	10
104000200005	1.0	15	4.0	9.0	8.0	16.0	10
104000300005	1.0	18	4.0	9.0	8.0	16.0	10
104000400005	1.0	20	6.0	12.0	8.0	16.0	10
104000500005	1.0	21	6.0	12.0	8.0	16.0	10
104000600005	1.0	24	6.0	12.0	8.0	16.0	10
104000700005	1.0	28	6.0	12.0	8.0	16.0	10
104000800005	1.0	30	6.0	12.0	8.0	16.0	10
104000900005	1.0	32	6.0	12.0	8.0	16.0	1
104001000005	1.0	35	8.0	16.0	8.0	20.0	1
104001100005	1.0	40	8.0	16.0	8.0	20.0	1
104001200005	1.0	45	8.0	16.0	8.0	20.0	1

Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
104001200005	1.0	45	8.0	16.0	8.0	20.0	1
104001300005	1.0	50	8.0	16.0	8.0	20.0	1
104001400005	1.0	60	8.0	16.0	8.0	20.0	1
104004100005	1.5	12	6.0	14.0	12.0	23.0	1
104004200005	1.5	15	6.0	14.0	12.0	23.0	1
104004300005	1.5	18	8.0	17.0	12.0	23.0	1
104004400005	1.5	20	8.0	17.0	12.0	23.0	1
104004500005	1.5	24	8.0	18.0	12.0	23.0	1
104004700005	1.5	30	10.0	24.0	12.0	23.0	1
104004800005	1.5	35	10.0	24.0	12.0	23.0	1
104004900005	1.5	40	10.0	24.0	12.0	23.0	1
104001500005	2.0	12	8.0	18.0	15.0	25.0	1
104001600005	2.0	15	8.0	18.0	15.0	25.0	1
104001700005	2.0	18	8.0	18.0	15.0	25.0	1
104001800005	2.0	20	10.0	20.0	15.0	25.0	1
104001900005	2.0	21	10.0	20.0	15.0	25.0	1
104002000005	2.0	24	10.0	20.0	15.0	25.0	1
104002100005	2.0	25	10.0	20.0	15.0	25.0	1
104002200005	2.0	28	10.0	20.0	15.0	25.0	1
104002300005	2.0	30	10.0	20.0	15.0	25.0	1
104002400005	2.0	32	12.0	24.0	15.0	30.0	1
104002500005	2.0	35	12.0	24.0	15.0	30.0	1
104002600005	2.0	40	12.0	24.0	15.0	30.0	1

## FAN ACCESSORIES AND DAMPERS

Check out our fan accessories that provide protection and mounting for small DC and AC fans, perfect for industrial and computing applications.

You can also find our extensive range of dampers including rotary damper body, press fit gear wheel, heavy-duty rotary dampers and more.

Call 01 806 2266 or email [sales@essentracomponents.ie](mailto:sales@essentracomponents.ie)



# HANDLES: WITHIN YOUR GRASP

- Robust and ergonomically designed handles to suit a variety of applications
- Variety of sizes, styles, mounting positions and materials for maximum design and operational opportunities
- Maintain safety, no matter what environment



552



560



561



562



565



566



574



581



584



587



590



591



594



599



606



614



617

MORE THAN  
**2,100**  
HANDLES, KNOBS  
AND POSITIONING  
COMPONENTS  
PRODUCTS  
AVAILABLE

# HANDLES, KNOBS AND POSITIONING COMPONENTS



PULL HANDLES

546



FLUSH HANDLES

561



HANDWHEELS AND KNOBS

565



CONTROL WHEELS

592



CLAMPING HANDLES

597



INDEX PLUNGERS

605



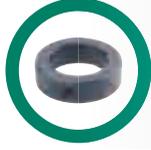
SPRING PLUNGERS

614



GRUB PINS AND RETAINING CABLES

615



LEVELS AND COLLARS

616

## Bridge Handles

SR 1534

Black PA 6



Type 1



Type 2

- Impact-resistant material, yet lightweight and versatile
- Type 1 Plain Bore: for use with a socket head cap screw
- Type 1 Threaded Insert: brass threaded insert for underside attachment
- Type 1 only: Coloured caps available as separate items for aesthetic appearance or colour-coding requirements
- Type 2: Rectangular base and plain bore for use with a socket head cap screw

### Plain Bore (Type 1)

Part Number	Dimensions (mm)					Thread or Bore	To fit socket head cap screw	Standard Pack Quantity
	W	H	w	h	T			
466308*	119.5	35	93.4	29	26	6.5	M6	100
466309*	145.0	40	117.0	34	29	8.5	M6	100
466310†	163.0	45	132.0	38	31	8.5	M8	100

Use with: \*Small Colour Caps †Large Colour Caps

### Threaded Insert (Type 1)

Part Number	Dimensions (mm)					Thread or Bore	Standard Pack Quantity
	W	H	w	h	T		
466311*	119.5	35	93.4	29	26	M6	100
466312*	145.0	40	117	34	29	M6	100
466313*	145.0	40	117.0	34	29	M8	100
466314†	163.0	45	132.0	38	31	M8	100

Use with: \*Small Colour Caps †Large Colour Caps

### Plain Bore (Type 2)

Part Number	Dimensions (mm)					Thread or Bore	To fit socket head cap screw	Standard Pack Quantity
	W	H	w	h	T			
086-1E	140	40	122	32	24	6.2	-	25
466315	134	41	117	35	26	8	M8	100

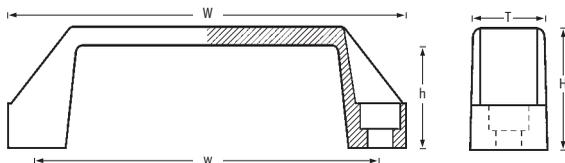
### Small Colour Caps\*

Part Number	Colour	Standard Pack Quantity
466316	Red	200
466317	Blue	200
466318	Yellow	200
466319	Black	200
466320	White	200
466321	Green	200
466322	Grey	200
466323	Orange	200

### Large Colour Caps†

Part Number	Colour	Standard Pack Quantity
466324	Red	200
466325	Blue	200
466326	Yellow	200
466327	Black	200
466328	White	200
466329	Green	200
466330	Grey	200
466331	Orange	200

Colour Caps for use with Type 1 only



Applies to all types

## Bridge Handles

SR 1534

Black Glass Filled PA 6

- Types 3-5 with female threaded brass bush

### Threaded Insert (Type 3)

Part Number	Dimensions (mm)					Thread or Bore	Standard Pack Quantity
	W	H	w	h	T		
465941	132	50	117	34	25	M6	100
465942	132	50	117	34	25	M8	100

### Threaded Insert (Type 4)

Part Number	Dimensions (mm)					Thread or Bore	Standard Pack Quantity
	W	H	w	h	T		
465939	156	56	132	33	34	M8	100
465940	156	56	132	33	34	M10	100

### Threaded Insert (Type 5)

Part Number	Dimensions (mm)					Thread or Bore	Standard Pack Quantity
	W	H	w	h	T		
465933	137	41	120	39	28	M6	100
465934	137	41	120	39	28	M8	100



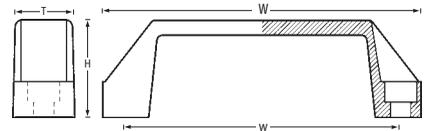
Type 3



Type 4



Type 5



## Cover Handle

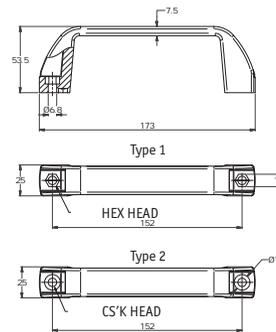
SR 6409

Polyamide DIN-EN ISO 1043-1

PA 6 GRF 30

- Ideal for machinery covers
- Two different fixing type available

Part Number	Type	Standard Pack Quantity
1861	1	25
1862	2	25



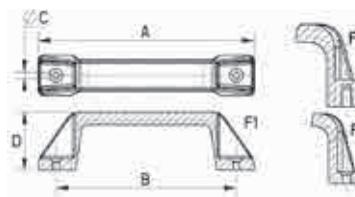
## Handle

SR 6410

PA 6 and 30% glass fibre

- Industrial handle in three designs for various applications
- Easy Assembly, one standard colour black

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	F	
109000169916	144	120	Ø4	39	F1	10
109000269916	178	160	M6	46	F2	10
109000369916	135	120	Ø4	39	F3	10

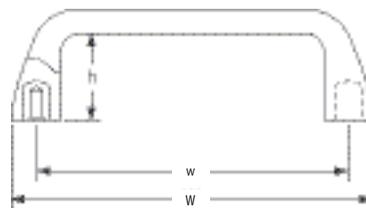


## Standard Pull Handles

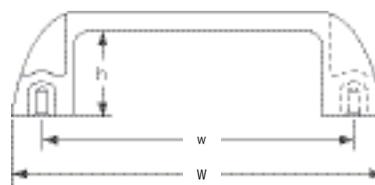
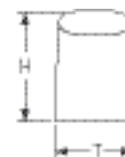
SR 1586

Glass-Filled Thermoplastic or Duroplast

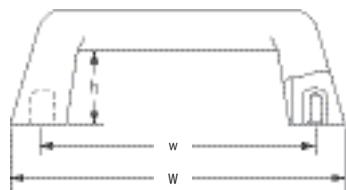
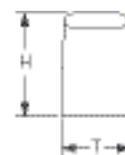
- Economical strong handles
- Type 1, 2 and 4 with brass female threaded blind bush
- Type 3 with plain through-hole and recess for screw
- Type 4 with gloss finish



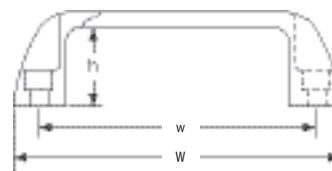
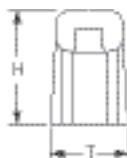
Type 1



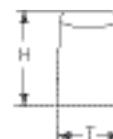
Type 2



Type 4



Type 3



Part Number	Type	Material	Dimensions (mm)					Thread Size	Hole Size (mm)	Standard Pack Quantity
			w	W	T	H	h			
462228	1	Thermoplastic	105.0	121	26	37	29	M5 x 9	-	100
462229	1	Thermoplastic	105.0	121	26	37	29	M6 x 9	-	100
462230	1	Thermoplastic	110.0	133	26	40	32	M5 x 9	-	100
462231	1	Thermoplastic	110.0	133	26	40	32	M6 x 9	-	100
462232	1	Thermoplastic	117.0	133	26	40	32	M5 x 9	-	100
462233	1	Thermoplastic	117.0	133	26	40	32	M6 x 9	-	100
462234	1	Thermoplastic	117.0	133	26	40	32	M8 x 9	-	100
462235	2	Thermoplastic	93.5	112	21	36	30	M6 x 9	-	100
462236	2	Thermoplastic	117.0	139	26	41	34	M8 x 9	-	100
462237	2	Thermoplastic	132.0	156	27	45	37	M6 x 9	-	100
462238	2	Thermoplastic	132.0	156	27	45	37	M8 x 9	-	100
462239	2	Thermoplastic	179.0	204	28	50	42	M8 x 9	-	100
462240	3	Thermoplastic	93.5	112	21	36	30	-	10.5	100
462241	3	Thermoplastic	117.0	139	26	41	34	-	10.5	100
462242	3	Thermoplastic	117.0	139	26	41	34	-	13.0	100
462243	3	Thermoplastic	132.0	156	27	45	37	-	10.5	100
462244	3	Thermoplastic	132.0	156	27	45	37	-	13.0	100
462245	3	Thermoplastic	179.0	204	28	50	42	-	13.0	100
462246	4	Duroplast	105.0	140	30	48	30	M6 x 13	-	100
462247	4	Duroplast	110.0	140	30	48	30	M6 x 9	-	100
462248	4	Duroplast	117.0	140	30	48	30	M8 x 15	-	100
462249	4	Duroplast	120.0	140	30	48	30	M6 x 9	-	100
462250	4	Duroplast	120.0	140	30	48	30	M8 x 9	-	100
462251	4	Duroplast	132.0	160	36	56	36	M8 x 15	-	50
462252	4	Duroplast	132.0	160	36	56	36	M10 x 16	-	50

## Plastic Finger Carrying Handle

SR 5586

PA 6

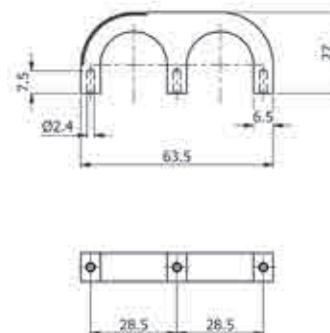
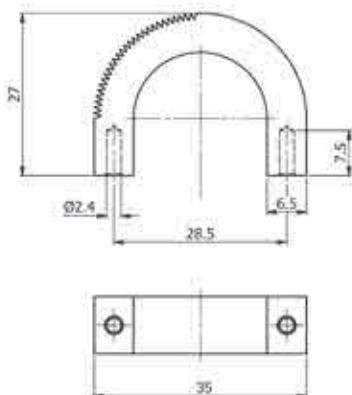
- Carrying handle
- Easy and quick to install
- Supplied with screws and DIN 125 washers
- To be operated with 1, 2 or 3 fingers
- Applications include data/server racks



Type 1



Type 2



Part Number	Type	Colour	Carrying Capacity N	Standard Pack Quantity
493514	1	Grey	250	2
493515	1	Black	250	2
493516	2	Black	400	2
493517	2	Black	400	2

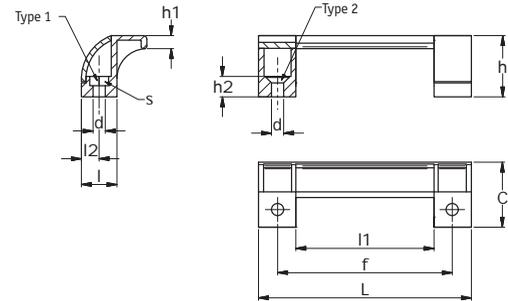


## Guard Wing Handles

SR 5100

Glass fibre reinforced Polyamide (PA)

- Handles have been especially designed to fit machine guards or automation systems with single-leaf door
- Resistant to solvents, oils, greases and other chemical agents
- Handle Colour - Grey-black, matte finish
- Caps - Available only in orange for Type 1 and black and orange for Type 2. Caps made from Technopolymer in glossy finish. Supplied with the handle, press-fit assembly, removable by a screwdriver
- Type 1: Pass-through holes for cylindrical-head screws with hexagon socket, hexagonal-head screws or standard lock nuts
- Type 2: Pass-through hole for countersunk head screws



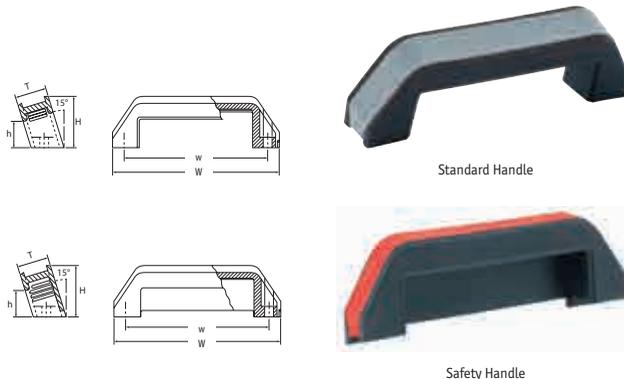
Part Number	Type	Cap Colour	Main Dimensions (mm)								Mounting Holes (mm)			Weight (grams)	Standard Pack Quantity
			L	f	h	C	l	l1	l2	h1	d	h2	s		
1218964	1	Orange	114	93.5±0.5	33	35	19	74	9.5	7	6.5	11	10	26	1
1218965	2	Black	114	93.5±0.5	33	35	19	74	9.5	7	6.5	11	-	26	1
1218966	2	Orange	114	93.5±0.5	33	35	19	74	9.5	7	6.5	11	-	26	1

## Angled Bridge Handle

SR 5101

Glass Filled PA

- Tilted at 15° to the vertical for easy holding



### Standard Angled Bridge Handle (Plain Bore)

Part Number	Dimensions (mm)					Thread or Bore	Standard Pack Quantity
	W	H	w	h	T		
465930	126	43	108	24	24	6.5	50

### Safety Angled Bridge Handle (Plain Bore)

Part Number	Dimensions (mm)					Thread or Bore	Standard Pack Quantity
	W	H	w	h	T		
465928*	126	43	108	24	24	6.5	100

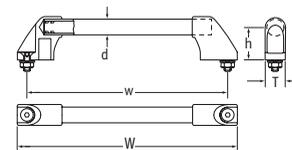
\*Blind on one side to stop fingers from passing through handle

## Stand-Off Handles

SR 5105

Black Aluminium Grip Bar

- Modern design with ribbed grip bar



Part Number	Dimensions (mm)					Thread Size	Standard Pack Quantity
	h	d	T	W	w		
463324	42	20	26	204	180	M8 x 20	1
463325	42	20	26	224	200	M8 x 20	1
463326	42	20	26	274	250	M8 x 20	1
463327	42	20	26	324	300	M8 x 20	1
463328	42	20	26	374	350	M8 x 20	1
463329	42	20	26	424	400	M8 x 20	1
463330	42	20	26	524	500	M8 x 20	1
463331	42	20	26	624	600	M8 x 20	1

# PULL HANDLES

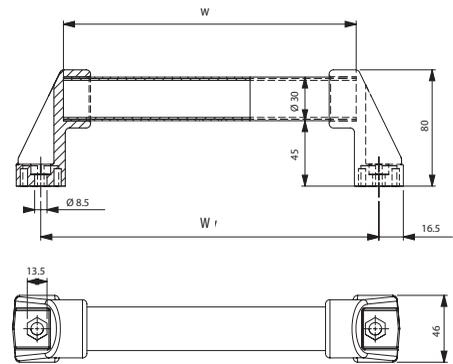
## Machine Handles

### SR 5534

- Strong handle suitable for machine applications
- Type 1 & 2 can be ordered as component parts
- Type 3 & 4 – die-cast zinc alloy
- Type 1 - Polyamide with steel bar
- Type 2 - Polyamide with aluminium bar



Type 1 - Polyamide coated steel bar

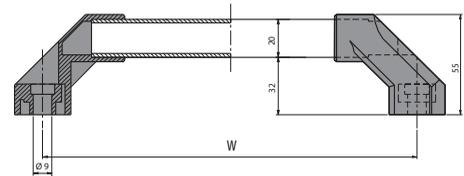


### Type 1

Part Number	Dimensions (mm)		Standard Pack Quantity
	W	w	
187300E	300	269	25
187400E	400	369	30
187500E	500	469	20
187600E	600	569	20
187700E	700	669	20
187800E	800	769	10
1871000E	1000	969	10



Type 2 - Aluminium bar



### Type 2

Part Number	W (mm)	Standard Pack Quantity
087200E	200	75
087300E	300	50
087400E	400	50
087500E	500	50



Type 1: Middle Holder



Type 1/2 Handle Ends



Type 2: 1m Long Aluminium Bar



Type 1: 1m Long Steel Bar

### Type 1&2 Component Parts

Part Number	W (mm)	Standard Pack Quantity
34002501E	Type 1 Middle Holder	25
35002006E	Type 1 Handle Ends	25
35002002E	Type 2 Handle Ends	50
320036001000E	Type 1: 1m Long Steel Bar	10
32006015E	Type 2: 1m Long Aluminium Bar	25

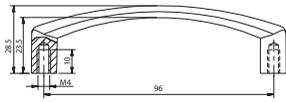
All dimensions in mm

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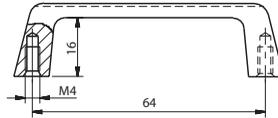
## Machine Handles CONTINUED

### SR 5534

- Strong handle suitable for machine applications
- Type 3 & 4 – die-cast zinc alloy



Type 3



Type 4



Type 3



Type 4

Part Number	Type	Finish	Standard Pack Quantity
08411E	3	Chrome Plated	50
08412E	3	Black Powder Coated	50
08511E	4	Chrome Plated	50
08512E	4	Black Powder Coated	50

All dimensions in mm

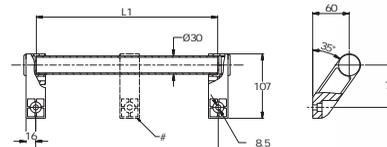
## Cover Handle

### SR 5535

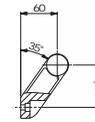
Fixing part: Polyamide DIN-EN ISO, 1043-1 PA 6 GFR 30

Handle: Plastic Coated Steel

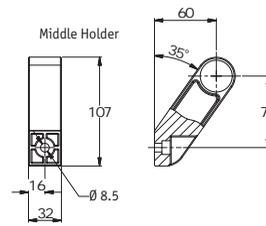
- Centre supports should be used for handle lengths of 1000mm or more
- Ideal for machinery covers
- Middle holder should be used see part 35002028



Middle part should be used for lengths greater than 1000mm



Part Number	Dimensions (mm)		Standard Pack Quantity
	L1	L	
387300	298	300	20
387400	398	400	20
387500	498	500	20
387600	598	600	20
387700	698	700	20
387800	798	800	10
3871000	998	1000	10
35002028	-	-	25

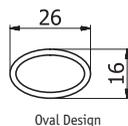
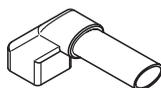


## Oval Ergonomic Machine Handle

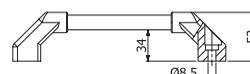
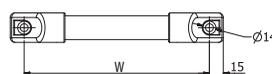
### SR 5563

Polyamide with matt anodised aluminium bar

- Oval design is stylish and ergonomic



Oval Design



Part Number	W (mm)	Standard Pack Quantity
287200E	200	50
287300E	300	50
287400E	400	50
287500E	500	50

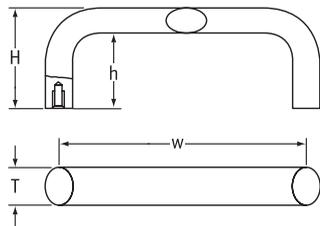
## Aluminium Handles

SR 5102

Aluminium



Type 1

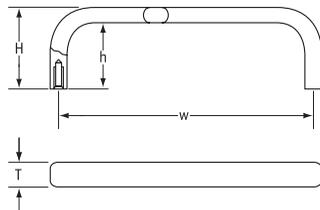


Type 1

Part Number	Colour	Dimensions (mm)				Thread Size	Standard Pack Quantity
		H	h	T	w		
463283	Black	50	37	20	100	M6 x 12	10
463284	Black	50	37	20	112	M6 x 12	10
463286	Black	50	37	20	120	M6 x 12	10
463287	Black	55	38	26	120	M8 x 14	10
463288	Black	50	37	20	128	M6 x 12	10
463289	Black	55	38	26	128	M8 x 14	10
463290	Black	50	37	20	160	M6 x 12	10
463291	Black	55	38	26	160	M8 x 14	10
463292	Black	55	38	26	180	M8 x 14	10
463293	Black	55	38	26	192	M8 x 14	10
463294	Black	55	38	26	350	M8 x 14	10



Type 2

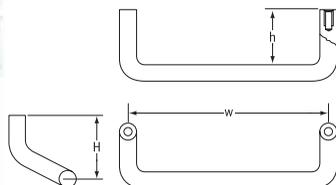


Type 2

Part Number	Colour	Dimensions (mm)				Thread Size	Standard Pack Quantity
		H	h	T	w		
491379	Silver	41	33	12	55	M5	10
491380	Silver	41	33	12	88	M5	10
491381	Silver	41	33	12	100	M5	10
491382	Silver	41	33	12	120	M5	10
491383	Silver	41	33	12	180	M5	5
491384	Silver	41	33	12	235	M5	5
463295	Black	40	32	12	55	M5 x 10	10
463296	Black	40	32	12	88	M5 x 10	10
463297	Black	40	32	12	100	M5 x 10	10
463298	Black	40	32	12	120	M5 x 10	10
463300	Black	40	32	12	200	M5 x 10	10
463302	Black	40	32	12	250	M5 x 10	10



Type 3



Type 3

Part Number	Colour	Dimensions (mm)				Thread Size	Standard Pack Quantity
		H	h	T	w		
463305	Black	40	30	-	86	M5 x 10	10
463306	Black	40	30	-	120	M5 x 10	10
463307	Black	40	30	-	180	M5 x 10	10



Type 4



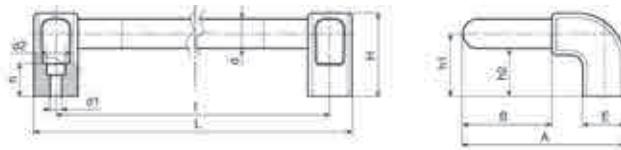
Type 4

Part Number	Colour	Dimensions (mm)				Thread Size	Standard Pack Quantity
		H	h	T	w		
491385	Silver	32	25	10.5	100	M6	10
491386	Silver	50	40	14.5	125	M6	10

## Aluminium Curved Handle

### SR 6505

- Plastic End Bracket – Reinforced polyamide. Oils and grease resistant
- Tube – Painted with Black epoxy powder. Silver in colour RAL 9006 or Marble black code 01
- Hole – Smooth throughout

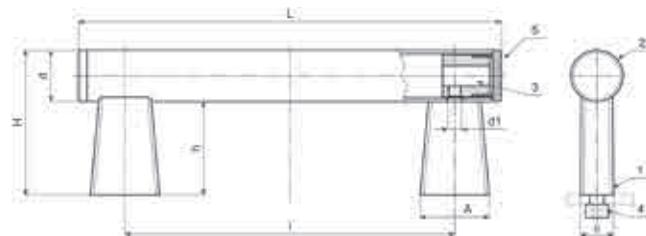


Part Number	Colour	Dimensions (mm)													Standard Pack Quantity
		l	L	d	d2	A	B	E	H	h	h1	h2	D1		
1340310	Silver	200	230	20	14.5	110.5	60.5	29	57	19.5	42.5	32.5	8.5	5	
1340311	Black	200	230	20	14.5	110.5	60.5	29	57	19.5	42.5	32.5	8.5	5	
1340312	Silver	300	330	20	14.5	110.5	60.5	29	57	19.5	42.5	32.5	8.5	5	
1340313	Black	300	330	20	14.5	110.5	60.5	29	57	19.5	42.5	32.5	8.5	5	

## Bridge Handle with Vertical Ends

### SR 6506

- Anodised Aluminium alloy 6060 tube
- Winged snap-fit LDPE tube cap
- This handle is supplied unassembled



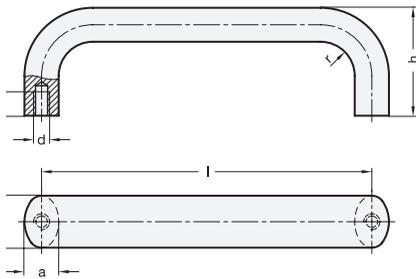
Part Number	Colour	Dimensions (mm)									Standard Pack Quantity
		l	L	D	H	h	A	B	d1		
1340314	Silver	200	256	30	85	55	40	19	M8	5	
1340315	Silver	250	306	30	85	55	40	19	M8	5	
1340316	Silver	300	356	30	85	55	40	19	M8	5	
1340317	Silver	350	406	30	85	55	40	19	M8	5	
1340318	Silver	400	456	30	85	55	40	19	M8	5	
1340319	Silver	600	656	30	85	55	40	19	M8	5	
1340320	Black	200	256	30	85	55	40	19	M8	5	
1340321	Black	250	306	30	85	55	40	19	M8	5	
1340322	Black	300	356	30	85	55	40	19	M8	5	
1340323	Black	350	406	30	85	55	40	19	M8	5	
1340324	Black	400	456	30	85	55	40	19	M8	5	
1340325	Black	600	656	30	85	55	40	19	M8	5	

# PULL HANDLES

## Cabinet "U" Handle Back Mount

SR 6507

Aluminium



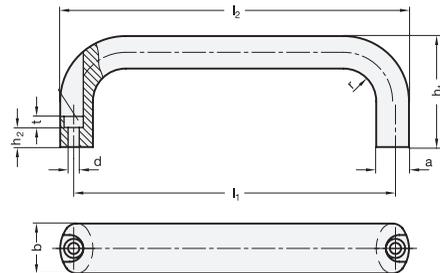
- Handles are made from a bent aluminium profile and have excellent stability and ergonomic design. Due to the production process, special designs can be supplied
- Coated with a highly weather-resistant and UV-protective powder coating system, making this version excellent for outdoor use
- Handle colour - Black, RAL 9005, textured finish
- Standard elements with antimicrobial plastic coating are primarily used in the health care sector and in public buildings, such as airports, railway stations, stadiums, etc.
- Available in a front and back mount

Part Number	Dimensions							Standard Pack Quantity
	Width	length l±0.25	a	d	h	r	Thread Height	
1337626	20	100	13	M6	49	13	10	2
1337627	20	112	13	M6	49	13	10	2
1337628	20	117	13	M6	49	13	10	2
1337629	20	120	13	M6	49	13	10	2
1337630	20	128	13	M6	51	13	10	2
1337631	20	160	13	M6	51	13	10	2
1337632	20	180	13	M6	51	13	10	2
1337633	20	200	13	M6	51	13	10	2
1337634	20	235	13	M6	51	13	10	2
1337635	26	112	17	M8	49	17	12	2
1337636	26	117	17	M8	49	17	12	2
1337637	26	120	17	M8	49	17	12	2
1337638	26	125	17	M8	51	17	12	2
1337639	26	128	17	M8	51	17	12	2
1337640	26	160	17	M8	57	17	12	2
1337641	26	179	17	M8	57	17	12	2
1337642	26	192	17	M8	57	17	12	2
1337643	26	300	17	M8	57	17	12	2
1337644	26	400	17	M8	57	17	12	2
1337645	26	50	17	M8	57	17	12	2

## Cabinet "U" Handle Front Mount

SR 6508

Aluminium



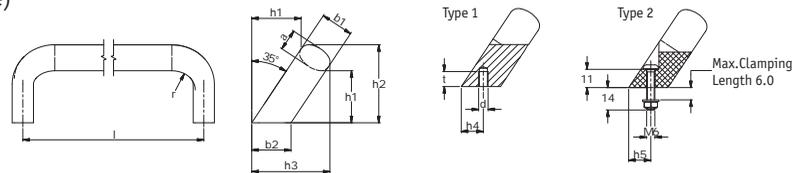
Part Number	Dimensions									Standard Pack Quantity
	b	length l±0.25	a	d	h1	h2	l2	r	t	
1337646	20	100	13	5.4	49	13.5	112	13	5.5	2
1337647	20	112	13	5.4	49	13.5	124	13	5.5	2
1337648	20	120	13	5.4	49	13.5	132	13	5.5	2
1337649	20	128	13	5.4	51	13.5	140	13	5.5	2
1337650	20	160	13	5.4	51	13.5	172	13	5.5	2
1337651	26	116	17	6.4	55	11	130	17	6	2
1337652	26	120	17	6.4	55	11	134	17	6	2
1337653	26	132	17	6.4	55	11	146	17	6	2
1337654	26	164	17	6.4	57	11	178	17	6	2
1337655	26	179	17	6.4	57	11	193	17	6	2
1337656	26	196	17	6.4	57	11	210	17	6	2

## Inclined Cabinet "U" Handles

SR 6509

Aluminium

- Inclined cabinet "U" Handles are produced from profiled aluminium extrusions
- Black powder coated finish
- Type 1: Mounting from the back (threaded blind bore)
- Type 2: Mounting from the operators side



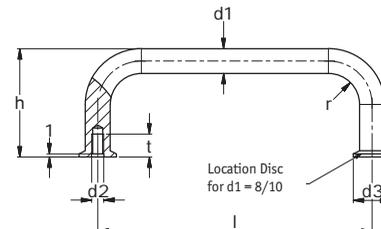
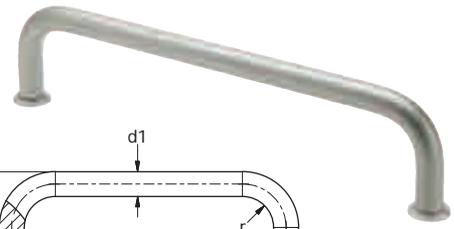
Part Number	Type	Mounting	Dimensions (mm)											Standard Pack Quantity	
			b1	Length l ±0.25	a	b2	d	h1	h2	h3	h4+1	h5+1	r		t (min.)
1220487	1	From the Back	20	112	13	24	M6	32	48	50	13.5	-	13	10	2
1220488	1	From the Back	20	128	13	24	M6	32	48	50	13.5	-	13	10	2
1220489	1	From the Back	26	128	17	32	M8	34	54	57	18	-	17	12	2
1220490	2	From Operator Side	26	128	17	32	M8	34	54	57	18	13	17	-	2
1220491	1	From the Back	26	160	17	32	M8	34	54	57	18	-	17	12	2
1220492	2	From Operator Side	26	160	17	32	M8	34	54	57	18	13	17	-	2

## Stainless Steel Cabinet "U" Handles

SR 6510

AISI 303 Stainless Steel with a matt shot-blasted finish

- Location discs included

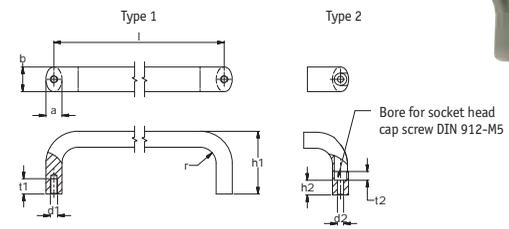
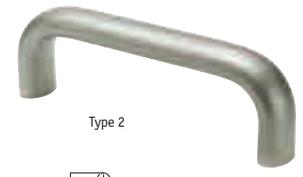


Part Number	Dimensions (mm)							Standard Pack Quantity
	d1	Length l ±0.25	d2	d3	h	r	t (min.)	
1220496	8	64	M4	12	35	10	8	2
1220497	8	88	M4	12	35	10	8	2
1220498	8	96	M4	12	35	10	8	2
1220493	8	100	M4	12	35	10	8	2
1220494	8	120	M4	12	35	10	8	2
1220495	8	128	M4	12	35	10	8	2

## Stainless Steel Cabinet "U" Handles

SR 6511

- Type 1: Mounting from the back (threaded blind bore). Made from Stainless Steel AISI 304
- Type 2: Mounting from the operator's side Made from AISI CF-8 stainless steel, fine die casting, shot-blasted



Part Number	Type	Mounting	Dimensions (mm)										Standard Pack Quantity
			b	Length l ±0.25	a	d1	d2	h1	h2	r	t1 (min.)	t2	
1220499	1	From the Back	20	112	13	M6	5.4	49	13.5	13	10	-	2
1220500	2	From Operator Side	20	112	13	M6	5.4	49	13.5	13	-	5.5	2
1220501	1	From the Back	20	128	13	M6	5.4	51	13.5	13	10	-	2
1220502	2	From Operator Side	20	128	13	M6	5.4	51	13.5	13	-	5.5	2
1220503	1	From the Back	20	160	13	M6	5.4	51	13.5	13	10	-	2
1220504	2	From Operator Side	20	160	13	M6	5.4	51	13.5	13	-	5.5	2

# PULL HANDLES

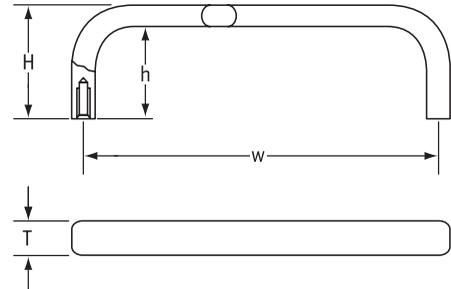
## Steel Pull Handles

SR 5112

Chrome Plated Steel

Insert Material: Steel

- Each handle comes complete with nickel-plated dress ring, screws and washers



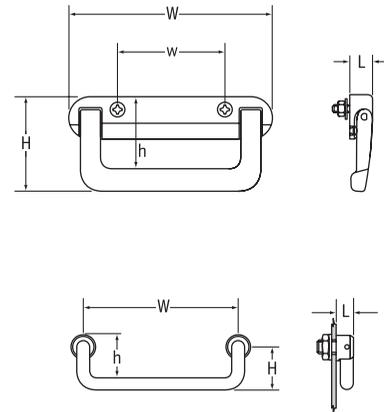
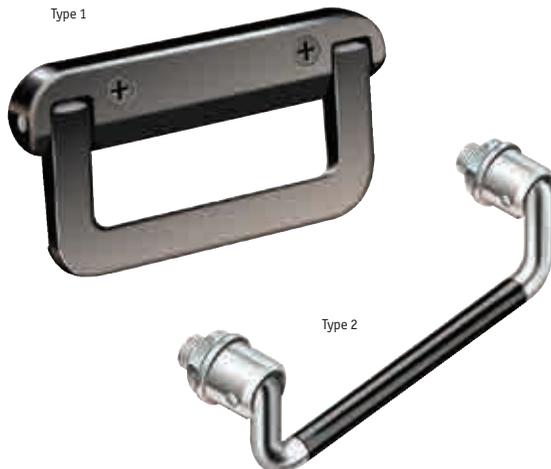
Part Number	Dimensions (mm)				Thread Size	Standard Pack Quantity
	H	h	T	W		
491388	24	19	5	88	M3	10
491389	33	25	8	88	M4	10
491390	33	25	8	96	M4	10
491391	33	25	8	120	M4	10
491392	41	31	10	120	M5	10
491393	41	31	10	180	M5	5
491394	41	31	10	235	M5	5

## Hinged Handles

SR 5103

Black Glass-Filled PA or Mild Steel with Plastic Grip

- Type 1: Heavy-duty spring-loaded handle, returns to 'flat' position automatically
- Type 2: Spring arrestment in extended and flush positions



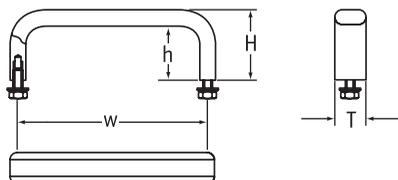
Part Number	Type	Dimensions (mm)					Thread Size	Standard Pack Quantity
		H	h	W	w	L		
463397	1	77	59	154	80	18	M6 x 30	1
463398	2	34	24	100	-	14	M10 x 14	2
463399	2	34	24	120	-	14	M10 x 14	2
463400	2	34	24	180	-	14	M10 x 14	2

## Premium Stainless Steel Handles

SR 5104

Semi-Matt Stainless Steel

- High corrosive and chemical resistance
- Blind female thread. Supplied complete with high-grade stainless steel hex head setscrews and washers
- Other mounting options available on request



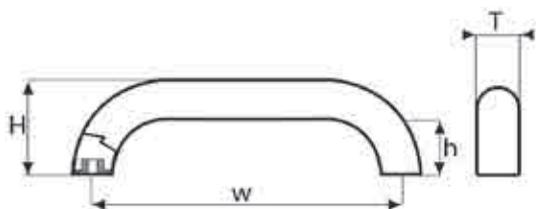
Part Number	Dimensions (mm)				Thread Size	Standard Pack Quantity
	H	h	T	W		
491388	24	19	5	88	M3	10
491389	33	25	8	88	M4	10
491390	33	25	8	96	M4	10
491391	33	25	8	120	M4	10
491392	41	31	10	120	M5	10
491393	41	31	10	180	M5	5
491394	41	31	10	235	M5	5

## Standard Stainless Steel Handles

SR 5101

Electro Polished Stainless Steel

- Lightweight large handles



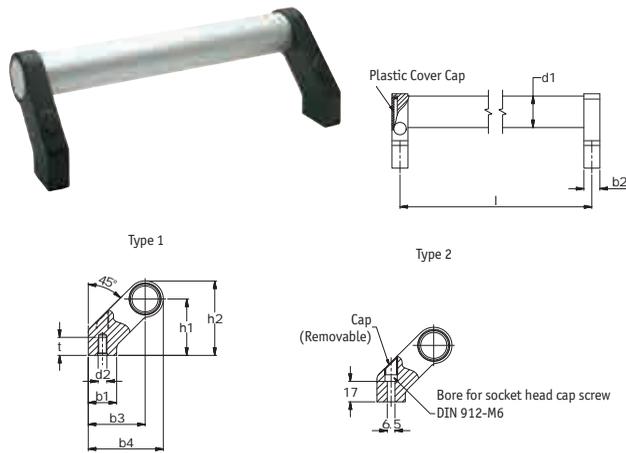
Part Number	Dimensions (mm)				Thread Size	Standard Pack Quantity
	H	h	T	W		
491377	59.0	35.0	25.0	195.0	M6	2
491378	75.0	50.0	25.0	300.0	M6	2

# PULL HANDLES

## Tubular Handles

### SR 6512

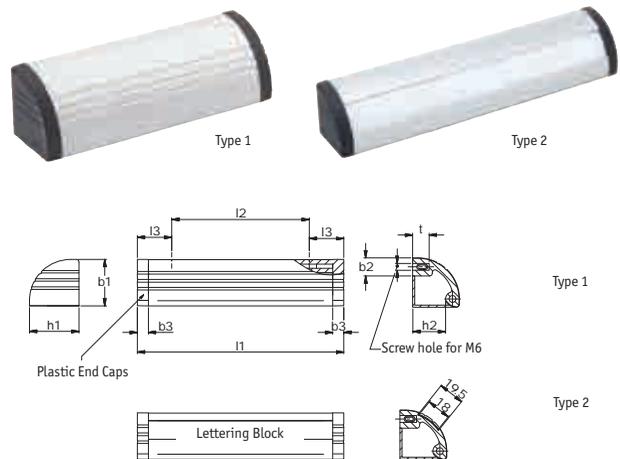
- Ideal for double-winged doors
- Type 1: Mounting from the back (threaded blind bore)
- Type 2: Mounting from the operators side
- Three finishes available:
- Finish 1: Tube: anodized, natural colour  
Handle shanks: Black powder coated, RAL 9005, textured finish
- Finish 2: Tube: Black powder coated, RAL 9005, textured finish  
Handle shanks: Black powder coated, RAL 9005, textured finish
- Finish 3: Tube: anodized, natural colour.  
Handle shanks: Silver powder coated, RAL 9006, textured finish



## Ledge Handles

### SR 6513

- Ideal for swivel or sliding doors and for use as drawer handles
- Type 1: Without lettering block
- Type 2: With lettering block
- End caps are made from Black Polyamide (PA)
- Mount using screw channel for M6 screws
- Two finishes available:
- Finish 1: Plastic coated aluminium, black, RAL 9005, textured finish
- Finish 2: Anodized aluminium, natural colour



Part Number	Type	Finish	Dimensions (mm)											Standard Pack Quantity
			d1	Length L±0.25	d2	b1	b2	b3	b4	h1	h2	t (min.)		
1220505	1	1	28	200	M8	25	14	50	66	50	66	15	1	
1220506	1	2	28	200	M8	25	14	50	66	50	66	15	1	
1220507	2	1	28	200	M8	25	14	50	66	50	66	15	1	
1220508	2	2	28	200	M8	25	14	50	66	50	66	15	1	
1220509	1	1	28	250	M8	25	14	50	66	50	66	15	1	
1220510	1	2	28	250	M8	25	14	50	66	50	66	15	1	
1220511	2	1	28	250	M8	25	14	50	66	50	66	15	1	
1220512	2	2	28	250	M8	25	14	50	66	50	66	15	1	
1220513	1	1	28	300	M8	25	14	50	66	50	66	15	1	
1220514	1	2	28	300	M8	25	14	50	66	50	66	15	1	
1220515	2	1	28	300	M8	25	14	50	66	50	66	15	1	
1220516	2	2	28	300	M8	25	14	50	66	50	66	15	1	
1220517	1	1	28	350	M8	25	14	50	66	50	66	15	1	
1220518	1	3	28	350	M8	25	14	50	66	50	66	15	1	
1220519	1	2	28	350	M8	25	14	50	66	50	66	15	1	
1220520	2	1	28	350	M8	25	14	50	66	50	66	15	1	
1220521	2	2	28	350	M8	25	14	50	66	50	66	15	1	
1220522	1	1	28	400	M8	25	14	50	66	50	66	15	1	
1220523	1	2	28	400	M8	25	14	50	66	50	66	15	1	
1220524	2	1	28	400	M8	25	14	50	66	50	66	15	1	
1220525	2	2	28	400	M8	25	14	50	66	50	66	15	1	
1220526	1	1	28	500	M8	25	14	50	66	50	66	15	1	
1220527	1	2	28	500	M8	25	14	50	66	50	66	15	1	
1220528	2	1	28	500	M8	25	14	50	66	50	66	15	1	
1220529	2	2	28	500	M8	25	14	50	66	50	66	15	1	

Part Number	Type	Finish	Dimensions (mm)										Standard Pack Quantity
			l1	b1	b2	b3	h1	h2	L2 Screw Area	l3	t		
1220530	1	2	110	36	13	8	34	24	66	22	12	2	
1220531	1	1	110	36	13	8	34	24	66	22	12	2	
1220532	1	2	150	36	13	8	34	24	106	22	12	2	
1220533	1	1	150	36	13	8	34	24	106	22	12	2	
1220534	1	2	200	36	13	8	34	24	156	22	12	2	
1220535	1	1	200	36	13	8	34	24	156	22	12	2	
1220536	1	2	250	36	13	8	34	24	206	22	12	2	
1220537	1	1	250	36	13	8	34	24	206	22	12	2	
1220538	1	2	300	36	13	8	34	24	256	22	12	2	
1220539	1	1	300	36	13	8	34	24	256	22	12	2	
1220540	1	2	400	36	13	8	34	24	356	22	12	2	
1220541	1	1	400	36	13	8	34	24	356	22	12	2	
1220542	1	2	500	36	13	8	34	24	456	22	12	2	
1220543	1	1	500	36	13	8	34	24	456	22	12	2	
1220544	2	2	110	36	13	8	34	24	66	22	12	2	
1220545	2	1	110	36	13	8	34	24	66	22	12	2	
1220546	2	2	150	36	13	8	34	24	106	22	12	2	
1220547	2	1	150	36	13	8	34	24	106	22	12	2	
1220548	2	2	200	36	13	8	34	24	156	22	12	2	
1220549	2	1	200	36	13	8	34	24	156	22	12	2	
1220550	2	2	250	36	13	8	34	24	206	22	12	2	
1220551	2	1	250	36	13	8	34	24	206	22	12	2	
1220552	2	2	300	36	13	8	34	24	256	22	12	2	
1220553	2	1	300	36	13	8	34	24	256	22	12	2	
1220554	2	2	400	36	13	8	34	24	356	22	12	2	
1220555	2	1	400	36	13	8	34	24	356	22	12	2	
1220556	2	2	500	36	13	8	34	24	456	22	12	2	
1220557	2	1	500	36	13	8	34	24	456	22	12	2	

## Spring Loaded Hinged Handle

SR 5436

Chrome Plated Steel

- Spring Loaded
- Rubber bumper on handle
- Excellent for pulling or lifting



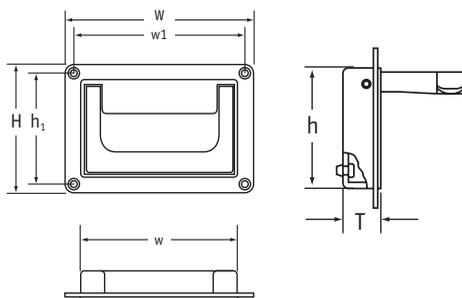
Part Number	Dimensions (mm)			Standard Pack Quantity
	Upper	Side	Handle	
493604	133	82	98	5

## Hinged Recessed Handles

SR 5109

Black Aluminium

- Type 1 snap-lock in both rest and work positions
- Type 2 with pull-back spring handle
- To suit M4 countersunk screws (not supplied)



Types 1 and 2



Part Number	Type	Dimensions (mm)							Mounting Cut-out Size (mm)	Standard Pack Quantity
		H	h	h1	W	w	w1	T		
463470	1	91	69	79	130	109	118	20.5	70.5 x 110	1
463471	1	80	50	50	200	170	184	20.5	73.0 x 171	1
463478	2	91	69	79	130	109	118	20.5	70.5 x 110	1
463479	2	80	50	50	200	170	184	20.5	73.0 x 171	1

# FLUSH HANDLES

## Screw on Flush Handles

SR 5573

Polyamide



- Strong handle
- Fixed using M6 screws (not supplied)
- Can be mounted horizontally or vertically



Part Number	Dimensions (mm)			Standard Pack Quantity
	W	H	D	
1287197	133	60	22	50

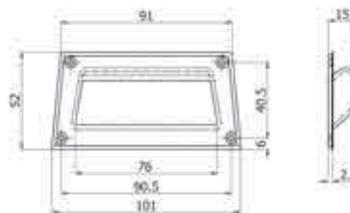
## Ergonomic Screw on Flush Handle

SR 5575

Black or Grey ABS



- Deep grip handle
- Carrying capacity 500N/Pair
- Compact and ergonomic design
- M3 fixing offers simple and secure installation



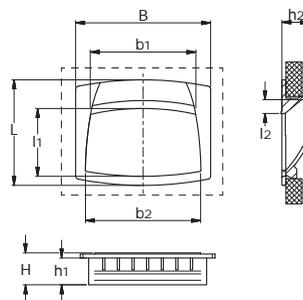
Part Number	Colour	Standard Pack Quantity
493457	Grey RAL 7001	2
493458	Black	2

## Flush Pull Handles Snap-In Assembly

SR 6514

Glass-fibre reinforced polyamide based (PA) technopolymer

- The compact shape of the cavity offers a safe, comfortable and ergonomic grip
- Colour – Grey-black colour, matte finish.



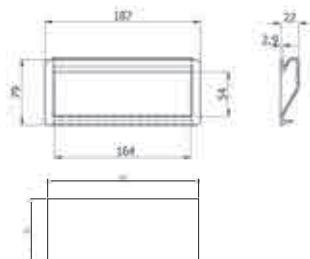
Part Number	Dimensions (mm)										Weight (Grams)	Standard Pack Quantity
	B	L	H	h1	h2	b1	b2	l1	l2			
1218969	90	50	19	17	17.5	76	79	28	7	20	5	
1218967	109	73	24	20	21.5	91	96	42	9	45	5	
1218968	120	95	28.5	24	26.5	94	103	58	11	58	5	

## Snap Fit Recessed Pull Handle

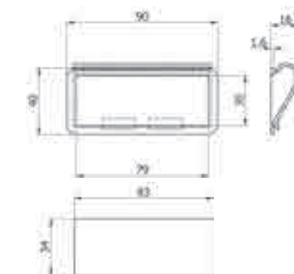
SR 5576

Black or grey ABS

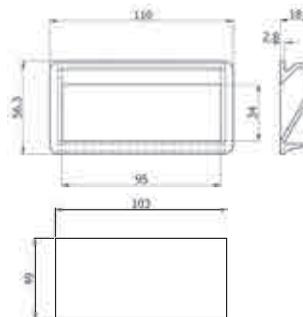
- Deep grip handle
- Carrying capacity 750N/Pair
- Compact and ergonomic design
- Installed by pushing handle into mounting hole
- Type 2 & 3 include spring clips for mounting on the internal wall



Type 3



Type 1



Type 2

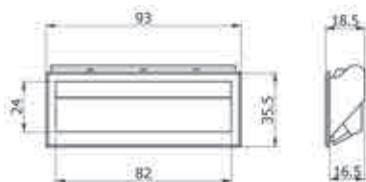
Part Number	Colour	Type	Mounting Hole (mm)	Panel Thickness	Standard Pack Quantity
493459	Black	1	83 x 34	0.75 - 1.5 mm	1
493460	Grey	1	83 x 34	0.75 - 1.5 mm	1
493461	Black	2	103 x 49	0.75 - 1.5 mm	1
493462	Grey	2	103 x 49	0.75 - 1.5 mm	1
493463	Black	3	171 x 73	1.5 - 2.0 mm	1

## Low Profile Flush Pull Handle

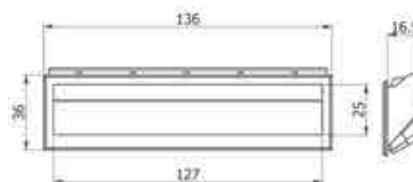
SR 5466

Black ABS UL94 HB

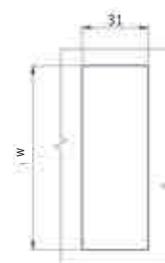
- Snap-in installation
- To suit 1-2.5mm panel thickness



Type 1



Type 2



Door Cut-Out

Part Number	Type	Dimensions W (mm)	Standard Pack Quantity
1239055	1	87.5	20
1239056	2	132	20

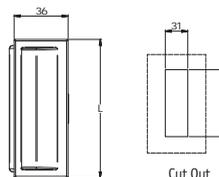
# FLUSH HANDLES

## Cover Pull (Snap-in)

SR 6515

PA 6 – Black

- Ideal for machinery covers
- Easy assembly by clips
- Flush design



Part Number	Dimensions (mm)			Standard Pack Quantity
	Panel Thickness	L	l1	
274115	0.8 - 1.4	93.0	87.5	50
274122	1.5 - 2.2	93.0	87.5	50
274215	0.8 - 1.4	136.0	132.0	50
274222	1.5 - 2.2	136.0	132.0	50

## Stainless Steel Bolt on Flush Handle

SR 5577

Stainless Steel 304



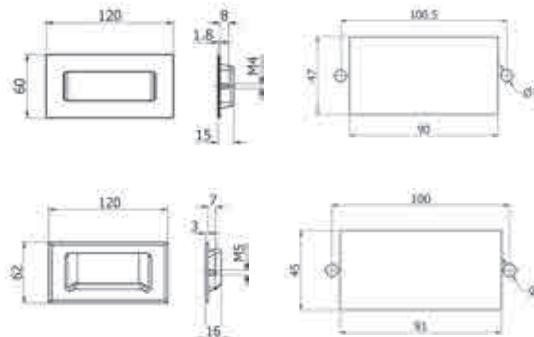
- Satin Finish
- Secured with washers and nuts (supplied)
- Type 2 corners are bevelled for easy cleaning



Type 1



Type 2



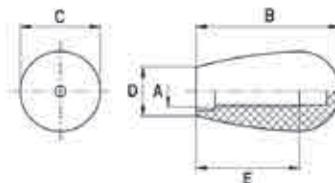
Part Number	Colour	Standard Pack Quantity
493464	1	50
493465	2	50

## Palm Handle

SR 6408

Glass fibre

Reinforced polyamide based technopolymer



Black glossy finish

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
262062559901	M6	25	16	12	16	10
262083059901	M8	32	20	14	20	10
262084059901	M8	42	26	17	30	10
262105559901	M10	54.5	34	21	35	10

## Rectangular Caps/Sleeves

SR 1524

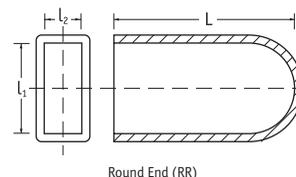
Black Flexible PVC

- Ideal for finishing flat handles
- Excellent electrical insulation properties



### Round Ends

Part Number	Dimensions (mm)					Standard Pack Quantity
	l1	l1 (ins)	l2	l2 (ins)	L	
RRWA-91768-060	29.7	-	2.5	-	60	500
RRWA-91616-100	19.0	-	3.0	-	100	500
RRWA-91783-060	17.5	-	3.0	-	60	500
RRWA-91618-100	25.0	-	3.0	-	100	500
RRWA-91620-110	12.7	1/2	3.2	1/8	110	1500
RRWA-91622-110	19.1	3/4	3.2	1/8	110	600
RRWA-91624-110	25.4	1	3.2	1/8	110	250
RRWA-91688-110	19.0	-	6.0	-	110	500
RRWA-91626-110	25.0	-	6.0	-	110	400
RRWA-91689-110	30.0	-	6.0	-	110	400
RRWA-91628-110	25.4	1	6.4	1/4	110	400



Round End (RR)

## Handle Grips

SR 1525

Black PVC

- Broad range
- Ideal for a variety of applications



Type 1

Type 2

Type 3

### Type 1-12

Part Number	Dimensions (mm)		Type	Length (mm)	Standard Pack Quantity
	(mm)	(ins)			
10130	19.1	3/4	1	75	800
10131	22.2	7/8	1	75	400
10161	22.2	7/8	2	105	250
10188	19.1	3/4	2	105	250
10189	25.4	1	2	105	100
10126	25.4	1	3	110	250
10156	22.2	7/8	3	110	250
50521*	15.9	5/8	4	75	700
50640	19.1	3/4	4	75	600
15358	13.0	1/2	5	108	600
10186	19.1	3/4	6	110	400
FCWA-0127-110	13.0	1/2	7	110	600
FCWA-0159-110	15.9	5/8	7	110	1000
FCWA-0191-110	19.1	3/4	7	110	800
FCWA-0222-110	22.2	7/8	7	110	250
FCWA-0254-110	25.4	1	7	110	250
NGWA-0191-110	19.1	3/4	8	110	300
NGWA-0222-110	22.2	7/8	8	110	300
NGWA-0254-110	25.4	1	8	110	300
PGWA-0191-400	19.1	3/4	9	400	125
HGWA-0254-150	25.4	1	10	150	250
RGWA-0127-230	13.0	1/2	11	230	400
SGWA-0191-110	19.1	3/4	12	110	300
SGWA-0222-110	22.2	7/8	12	110	300
SGWA-0254-110	25.4	1	12	110	300

\*White flexible PVC.



Type 4

Type 5

Type 6

Type 7

Type 8

Type 9

Type 10

Type 11

Type 12

## Premium Handwheels

### SR 1580

#### Black Phenolic

- Types 1 and 3 - Male Handwheels with plated steel stud
- Types 1 and 3 - Female Handwheels with plated steel insert
- Types 2 and 4 - Female bush inserted allows male thread to pass through



Type 1 (Male)



Type 3 (Female)



Type 1 (Female)



Type 3 (Male)



Type 2



Type 4

#### Male

Part Number	Type	Handwheel Diameter (mm)	Thread Size	Stud Length	Standard Pack Quantity
462051	1	32	M6	15	200
462052	1	32	M6	30	200
462053	1	40	M8	20	125
462054	1	40	M8	30	125
460561	1	50	M8	25	100
462055	1	50	M10	30	100
462056	1	50	M10	40	100
460562	1	60	M10	30	100
460563	1	80	M12	40	50
462057	3	32	M6	15	200
462058	3	32	M6	20	200
462059	3	32	M6	30	200
462060	3	40	M8	20	100
462061	3	40	M8	30	100
462062	3	50	M8	30	80
462063	3	50	M10	30	80
462064	3	63	M8	20	50
462065	3	63	M10	30	40
462066	3	63	M12	25	40

#### Female

Part Number	Type	Handwheel Diameter (mm)	Thread Size	Standard Pack Quantity
1254995	1	32	M6	1000
1254996	1	40	M8	500
460558*	1	50	M8	100
1254997	1	50	M10	250
460559*	1	60	M10	100
462070	1	63	M10	80
1254998	1	63	M12	100
460560*	1	80	M12	100
462072	1	80	M16	35
462073	3	32	M5	250
1254999	3	32	M6	500
462075	3	40	M6	200
1255000	3	40	M8	250
462077	3	50	M8	100
1255001	3	50	M10	250
462079	3	50	M12	100
462080	3	63	M8	50
462081	3	63	M10	50
1255002	3	63	M12	100
462083	3	80	M10	25
462084	3	80	M12	25
1255003	3	80	M16	100

\*With aluminium insert.

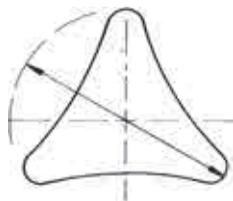
#### Threaded all the way through

Part Number	Type	Handwheel Diameter (mm)	Thread Size	Standard Pack Quantity
460564	2	50	M8	100
460565	2	60	M10	100
460566	2	80	M12	100
462086	4	30	M5	50
462087	4	30	M6	50
462088	4	30	M8	50
462089	4	40	M6	50
462090	4	40	M8	50
462091	4	40	M10	50
462092	4	50	M10	25
462093	4	50	M12	25
462094	4	60	M10	20
462095	4	60	M12	20

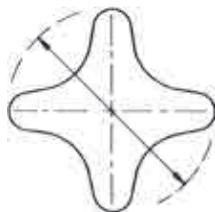
## Handwheels

### SR 1580

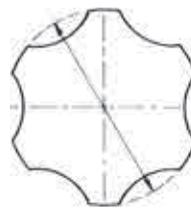
- Standard Handwheels with moulded in studs and inserts for maximum strength
- Female Lightweight Handwheels applied by inserting an M6 or M8 bolt into the head (not supplied)



Type 1  
Triangular



Type 2  
Star



Type 3  
Scalloped



Type 4  
5 Lobe

### Male – Standard (Black PA)

Part Number	Type	Handwheel Diameter (mm)	Thread Size	Stud Length	Standard Pack Quantity
497470	1	40	M6	20.0	500
497483	1	40	M6	35.0	500
497480	1	40	M8	15.0	500
497471	1	40	M8	20.0	500
497481	1	40	M8	25.0	500
497484	1	40	M8	35.0	500
497488	1	60	M8	15.0	500
497473	1	60	M8	20.0	500
497482	1	60	M8	30.0	250
497485	1	60	M8	40.0	250
497489	2	40	M6	20.0	500
497501	2	40	M6	35.0	500
497497	2	40	M8	15.0	500
497491	2	40	M8	20.0	500
497498	2	40	M8	25.0	1000
497502	2	40	M8	35.0	500
497475	2	60	M8	20.0	500
497486	2	60	M8	40.0	500
465426	3	30	M6	12.0	500
465425	3	30	M6	17.0	500
465423	3	30	M6	20.0	500
465429	3	30	M8	20.0	500
497494	3	40	M6	20.0	500
497503	3	40	M6	35.0	500
497499	3	40	M8	15.0	500
497496	3	40	M8	20.0	500
497500	3	40	M8	25.0	1000
497504	3	40	M8	35.0	500
465428	3	50	M10	25.0	150
465427	3	50	M10	30.0	150
462122	3	50	M8	10.0	250
465432	3	50	M8	20.0	250
465431	3	50	M8	30.0	250
497478	3	60	M8	20.0	100
497487	3	60	M8	40.0	250
462104	4	45	M8	22.0	650
462105	4	45	M8	37.5	550

### Female – Standard (Black PA)

Part Number	Type	Handwheel Diameter (mm)	Thread Size	Standard Pack Quantity
497493	1	40	M6	500
497472	1	40	M8	500
497474	1	60	M8	250
497490	2	40	M6	500
497492	2	40	M8	500
497476	2	60	M8	500
497495	3	40	M6	500
497477	3	40	M8	500
465422	3	50	M8	150
465424	3	50	M10	150
497479	3	60	M8	250
465430	3	60	M10	150

### Female – Lightweight (Black Polypropylene)

Part Number	Type	Handwheel Diameter (mm)	Thread Size	Standard Pack Quantity
10822	1	45	M6	1000
10823	3	50	M6	500
10829	3	50	M8	500

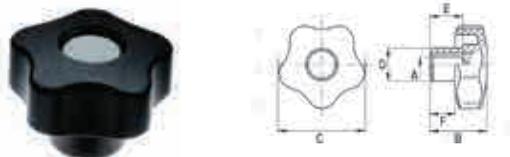
# HANDWHEELS AND KNOBS

## Lobe Knob with caps

SR 6404

Polypropylene

- Black body with cap in black, orange, grey, red
- Protruding 0.3 mm metal shoulder ensures a metal-to-metal assembly

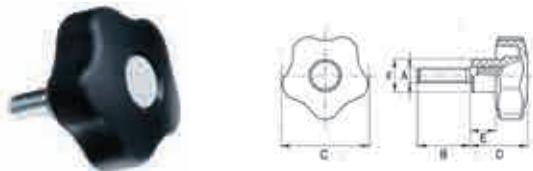


Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		A	B	C	D	E	F	
264042559911	Black	M4	19	25	13	10	8	10
264052559911	Black	M5	19	25	13	10	8	10
264063259911	Black	M6	23	32	15	12	10	10
264063200911	Orange	M6	23	32	15	12	10	10
264063261311	Grey	M6	23	32	15	12	10	10
264063218211	Red	M6	23	32	15	12	10	10
264084059911	Black	M8	27	40	17	18	12	10
264084000911	Orange	M8	27	40	17	18	12	10
264084061311	Grey	M8	27	40	17	18	12	10
264084018211	Red	M8	27	40	17	18	12	10
264105059911	Black	M10	32	50	19	20	14	10
264105000911	Orange	M10	32	50	19	20	14	10
264105061311	Grey	M10	32	50	19	20	14	10
264105018211	Red	M10	32	50	19	20	14	10
264126359911	Black	M12	37	63	22	26	16	10
264126300911	Orange	M12	37	63	22	26	16	10
264126361311	Grey	M12	37	63	22	26	16	10
264126318211	Red	M12	37	63	22	26	16	10

## Soft Touch Lobe Knob

SR 6406

Polypropylene Coated with 'Soft Touch' elastomer



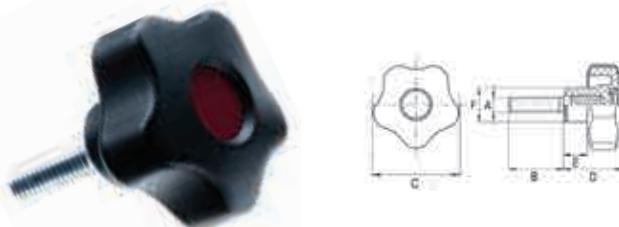
Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		A	B	C	D	E	F	
268081659939	Black	M8	16	43	29	11	17	1
268081600939	Orange	M8	16	43	29	11	17	1
268081661339	Grey	M8	16	43	29	11	17	1
268081618239	Red	M8	16	43	29	11	17	1
268082059939	Black	M8	20	43	29	11	17	1
268082000939	Orange	M8	20	43	29	11	17	1
268082061339	Grey	M8	20	43	29	11	17	1
268082018239	Red	M8	20	43	29	11	17	1
268102059939	Black	M10	20	53	34	13	19	1
268102000939	Orange	M10	20	53	34	13	19	1
268102061339	Grey	M10	20	53	34	13	19	1
268102018239	Red	M10	20	53	34	13	19	1
268103059939	Black	M10	30	53	34	13	19	1
268103000939	Orange	M10	30	53	34	13	19	1
268103061339	Grey	M10	30	53	34	13	19	1
268103018239	Red	M10	30	53	34	13	19	1

## Lobe Knob

SR 6405

Polypropylene

- Black body with cap in black, orange, grey, red
- Zinc plated steel stud



Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		A	B	C	D	E	F	
266051059911	Black	M5	10	25	19	8	13	10
266051659911	Black	M5	16	25	19	8	13	10
266052059911	Black	M5	20	25	19	8	13	10
266061659911	Black	M6	16	32	23	10	15	10
266061600911	Orange	M6	16	32	23	10	15	10
266061661311	Grey	M6	16	32	23	10	15	10
266061618211	Red	M6	16	32	23	10	15	10
266062059911	Black	M6	20	32	23	10	15	10
266062000911	Orange	M6	20	32	23	10	15	10
266062061311	Grey	M6	20	32	23	10	15	10
266062018211	Red	M6	20	32	23	10	15	10
266063059911	Black	M6	30	32	23	10	15	10
266063000911	Orange	M6	30	32	23	10	15	10
266063061311	Grey	M6	30	32	23	10	15	10
266063018211	Red	M6	30	32	23	10	15	10
266081659911	Black	M8	16	40	27	12	17	10
266081600911	Orange	M8	16	40	27	12	17	10
266081661311	Grey	M8	16	40	27	12	17	10
266081618211	Red	M8	16	40	27	12	17	10
266082559911	Black	M8	25	40	27	12	17	10
266082500911	Orange	M8	25	40	27	12	17	10
266082561311	Grey	M8	25	40	27	12	17	10
266082518211	Red	M8	25	40	27	12	17	10
266083559911	Black	M8	35	40	27	12	17	10
266083500911	Orange	M8	35	40	27	12	17	10
266083561311	Grey	M8	35	40	27	12	17	10
266083518211	Red	M8	35	40	27	12	17	10
266102059911	Black	M10	20	50	32	14	19	10
266102000911	Orange	M10	20	50	32	14	19	10
266102061311	Grey	M10	20	50	32	14	19	10
266102018211	Red	M10	20	50	32	14	19	10
266103059911	Black	M10	30	50	32	14	19	10
266103000911	Orange	M10	30	50	32	14	19	10
266103061311	Grey	M10	30	50	32	14	19	10
266103018211	Red	M10	30	50	32	14	19	10
266104059911	Black	M10	40	50	32	14	19	10
266104000911	Orange	M10	40	50	32	14	19	10
266104061311	Grey	M10	40	50	32	14	19	10
266104018211	Red	M10	40	50	32	14	19	10
266123059911	Black	M12	30	63	37	16	22	10
266123000911	Orange	M12	30	63	37	16	22	10
266123061311	Grey	M12	30	63	37	16	22	10
266123018211	Red	M12	30	63	37	16	22	10

## Polypropylene Scalloped Handwheel

SR 5460

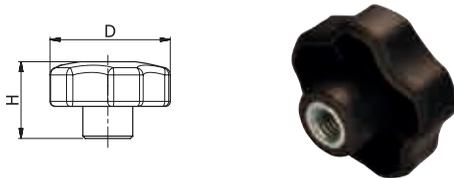
Polypropylene

- Lightweight yet strong design
- Available with zinc plated steel or 304 stainless steel threads



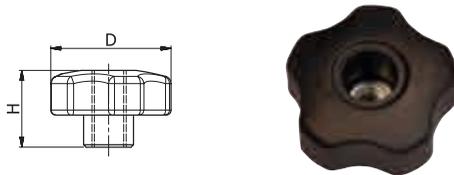
Male

Part Number		Thread Size	Dimensions (mm)			Standard Pack Quantity
Steel	Stainless Steel		L	D	H	
-	493900	M6	15	28	25	10
493901	493902	M6	20	28	25	10
493908	493907	M6	25	40	29	10
493910	493909	M8	20	40	29	10
493912	493911	M8	30	40	29	10
493920	493919	M8	25	50	30	10
493929	493928	M10	25	60	35	10
493931	493930	M12	30	60	35	10



Female

Part Number		Thread Size	Dimensions (mm)		Standard Pack Quantity
Steel	Stainless Steel		D	H	
493899	493898	M6	28	25	10
493906	493905	M8	40	29	10
493918	493917	M8	50	30	10
493916	493915	M10	50	30	10
493925	493924	M10	60	35	10
493927	493926	M12	60	35	10



Threaded All The Way Through

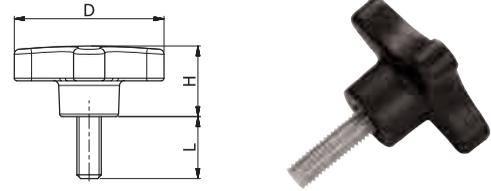
Part Number		Thread Size	Dimensions (mm)		Standard Pack Quantity
Steel	Stainless Steel		D	H	
493904	493903	M6	28	25	10
493914	493913	M8	40	29	10
-	493923	M8	50	30	10
493922	493921	M10	50	30	10
493933	493932	M12	60	35	10

## Polypropylene Star Handwheel

SR 5460

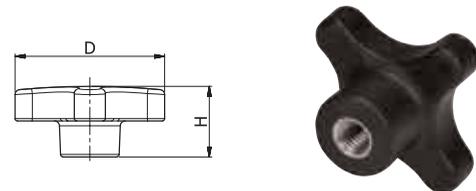
Polypropylene

- Lightweight yet strong design
- Available with zinc plated steel or 304 stainless steel threads



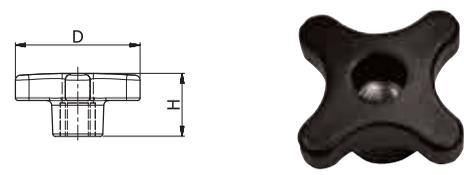
Male

Part Number		Thread Size	Dimensions (mm)			Standard Pack Quantity
Steel	Stainless Steel		L	D	H	
493936	493935	M6	38	25	23	10
493938	493937	M8	38	20	23	10
493940	493939	M8	38	30	23	10
493947	493946	M8	50	25	26	10
493954	493953	M10	60	25	29	10
493955	-	M12	60	30	29	10



Female

Part Number		Thread Size	Dimensions (mm)		Standard Pack Quantity
Steel	Stainless Steel		D	H	
493934	-	M8	38	23	10
493945	493944	M8	50	26	10
-	493943	M10	50	26	10
493950	-	M10	60	29	10
493952	493951	M12	60	26	10



Threaded All The Way Through

Part Number		Thread Size	Dimensions (mm)		Standard Pack Quantity
Steel	Stainless Steel		D	H	
493942	493941	M8	38	23	10
493949	493948	M10	50	26	10

# HANDWHEELS AND KNOBS

## Lobe Knobs

### SR 6516

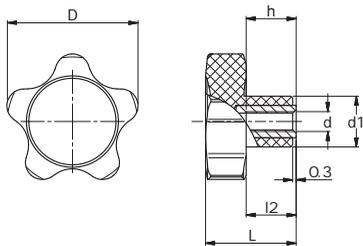
#### Glass-fibre reinforced polyamide based (PA) technopolymer

- Resistant to solvents, oils and greases
- The five-lobe shape delivers a very strong grip
- Colour – Black, matte finish
- Type 1: Lobe knob with brass boss, threaded blind hole
- Type 2: Lobe knob with AISI 303 stainless steel boss, threaded blind hole
- Type 3: Lobe knob with zinc-plated steel threaded stud
- Type 4: Lobe Knob with AISI 303 stainless steel threaded stud



Type 1

Type 2

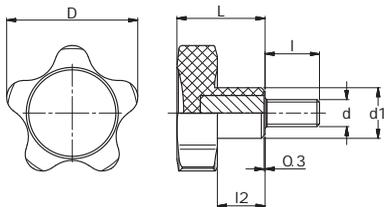


Type 1 & 2



Type 3

Type 4



Type 3 & 4

Part Number	Type	Dimensions (mm)				Mounting Hole		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6H	h		
1218996	1	25	20	12	10	M4	10	7	25
1219009	1	32	22.5	14	12.5	M5	10	15	25
1219010	1	32	22.5	14	12.5	M6	10	14	25
1219023	1	40	26	15	14	M6	12	25	25
1219024	1	40	26	15	14	M8	13	23	25
1219037	1	50	31	18	17	M8	15	44	10
1219036	1	50	31	18	17	M10	17	40	10
1219046	1	60	36.5	21	21	M10	20	63	10
1219047	1	60	36.5	21	21	M12	20	54	10

Part Number	Type	Dimensions (mm)				Mounting Hole		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6H	h		
1219006	2	25	20	12	10	M5	10	7	25
1219003	2	25	20	12	10	M6	10	7	25
1219014	2	32	22.5	14	12.5	M5	10	15	25
1219016	2	32	22.5	14	12.5	M6	10	15	25
1219031	2	40	26	15	14	M8	13	24	25
1219041	2	50	31	18	17	M8	15	45	10
1219042	2	50	31	18	17	M10	17	42	10
1219051	2	60	36.5	21	21	M10	17	64	10
1219052	2	60	36.5	21	21	M12	20	54	10

Part Number	Type	Dimensions (mm)				Threaded Stud		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l	d6g	l2		
1218997	3	25	20	12	6	M4	10	6	25
1218998	3	25	20	12	10	M5	10	8	25
1218999	3	25	20	12	20	M5	10	10	25
1219000	3	25	20	12	10	M6	10	10	25
1219001	3	25	20	12	16	M6	10	11	25
1219002	3	25	20	12	35	M6	10	15	25
1219011	3	32	22.5	14	16	M6	12.5	15	25
1219012	3	32	22.5	14	20	M6	12.5	16	25
1219013	3	32	22.5	14	30	M6	12.5	19	25
1219015	3	32	22.5	14	30	M8	12.5	18	25
1219025	3	40	26	15	40	M6	14	20	25
1219026	3	40	26	15	16	M8	14	23	25
1219027	3	40	26	15	20	M8	14	28	25
1219028	3	40	26	15	30	M8	14	32	25
1219029	3	40	26	15	40	M8	14	36	25
1219030	3	40	26	15	70	M8	14	42	25
1219038	3	50	31	18	20	M10	17	47	10
1219039	3	50	31	18	30	M10	17	57	10
1219040	3	50	31	18	40	M10	17	66	10
1219048	3	60	36.5	21	30	M12	21	69	10
1219049	3	60	36.5	21	40	M12	21	80	10
1219050	3	60	36.5	21	50	M12	21	91	10

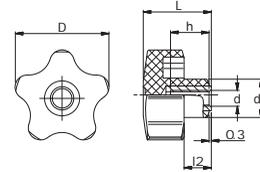
Part Number	Type	Dimensions (mm)				Threaded Stud		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l	d6g	l2		
1219007	4	25	20	12	10	M5	10	8	25
1219008	4	25	20	12	16	M5	10	9	25
1219004	4	25	20	12	16	M6	10	11	25
1219005	4	25	20	12	20	M6	10	12	25
1219017	4	32	22.5	14	10	M6	12.5	17	25
1219018	4	32	22.5	14	16	M6	12.5	15	25
1219019	4	32	22.5	14	20	M6	12.5	16	25
1219020	4	32	22.5	14	30	M6	12.5	19	25
1219022	4	32	22.5	14	25	M8	12.5	21	25
1219032	4	40	26	15	16	M8	14	26	25
1219033	4	40	26	15	20	M8	14	28	25
1219034	4	40	26	15	30	M8	14	32	25
1219035	4	40	26	15	40	M8	14	36	25
1219043	4	50	31	18	20	M10	17	47	10
1219044	4	50	31	18	30	M10	17	57	10
1219045	4	50	31	18	40	M10	17	67	10
1219053	4	60	36.5	21	30	M12	21	70	10
1219054	4	60	36.5	21	40	M12	21	81	10
1219055	4	60	36.5	21	50	M12	21	92	10

## Soft Touch Lobe Knobs

SR 6517

PP

- The surface, coated with "soft-touch" elastomer, improves the grip even in the presence of oils, greases and sweat from the hand
- Style - Brass boss, threaded blind hole
- Colour - Black, matte finish



Part Number	Dimensions (mm)				Mounting Hole		Weight (Grams)	Standard Pack Quantity
	D	L	d1	l2	d6H	h		
1218970	43	29	17	11	M8	13	20	25
1218972	53	34	19	13	M8	15	33	10
1218971	53	34	19	13	M10	17	36	10
1218973	66	38.5	21.5	15.5	M10	17	44	10
1218974	77	46	26	21	M12	20	51	10

## Round Cap Lobe Knobs

SR 6518

Knob - Glass-fibre reinforced polyamide based (PA) technopolymer

- Resistant to solvents, oils, greases and other chemical agents
- Grey-black, matte finish

Cap - Technopolymer in black, matte finish

- Ultrasonically welded to the body of the knob
- Type 1: Black-oxide steel boss, H9 reamed blind hole
- Type 2: Brass boss, threaded blind hole
- Type 3: Black-oxide steel boss, H7 reamed pass-through hole
- Type 4: Zinc-plated steel threaded stud with chamfered flat end as in UNI 947 : ISO 4753



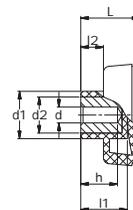
Type 1 & 2



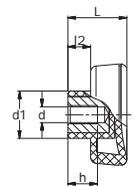
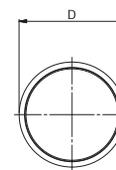
Type 3



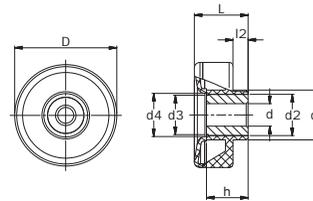
Type 4



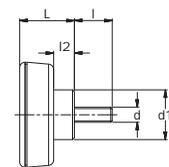
Type 1



Type 2



Type 3



Type 4

Part Number	Type	Dimensions (mm)						Mounting Hole		Weight (Grams)	Standard Pack Quantity
		D	L	d1	d2	l1	l2	dH9	h		
1218975	2	45	26	21	14	19	10	8	14	37	1
1218980	1	56	29	26.5	14	18	11	8	14	53	1
1218990	1	70	35	32.5	22	25	13	10	21	112	1

Part Number	Type	Dimensions (mm)						Mounting Hole		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6H	h				
1218976	2	45	26	21	10	M6	12	29		1	
1218977	2	45	26	21	10	M8	13	30		1	
1218982	2	56	29	26.5	11	M8	13	41		1	
1218981	2	56	29	26.5	11	M10	13	39		1	
1218991	2	70	35	32.5	13	M10	18	68		1	
1218992	2	70	35	32.5	13	M12	17	66		1	

Part Number	Type	Dimensions (mm)						Mounting Hole		Weight (Grams)	Standard Pack Quantity	
		D	L	d1	d2	d3	d4	l2	dH7			h
1218983	3	56	29	26.5	22	20.5	23	11	10	22	80	1
1218993	3	70	35	32.5	26	24	28	13	12	27	132	1

Part Number	Type	Dimensions (mm)				Threaded Stud		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6g	l		
1218978	4	45	26	21	10	M8	20	33	1
1218979	4	45	26	21	10	M8	30	36	1
1218987	4	56	29	26.5	11	M8	20	46	1
1218988	4	56	29	26.5	11	M8	30	49	1
1218989	4	56	29	26.5	11	M8	40	52	1
1218984	4	56	29	26.5	11	M10	20	55	1
1218985	4	56	29	26.5	11	M10	30	61	1
1218986	4	56	29	26.5	11	M10	40	67	1
1218994	4	70	35	32.5	13	M10	30	83	1
1218995	4	70	35	32.5	13	M12	50	102	1

## Soft Touch Knobs

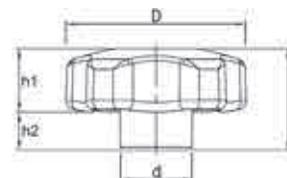
SR 5414

Inner moulding: Polypropylene

Over moulding: TPE

- Provides extra grip and high touch finish
- Type 1 & 3 Insert material: Brass
- Type 2 Stud material: Zinc Plated Steel

Type 1 & 3



Type 1



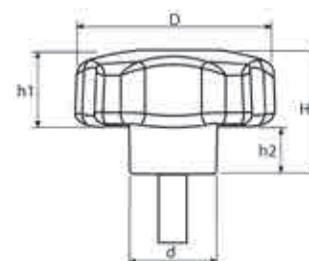
Type 2



Type 3



Type 2



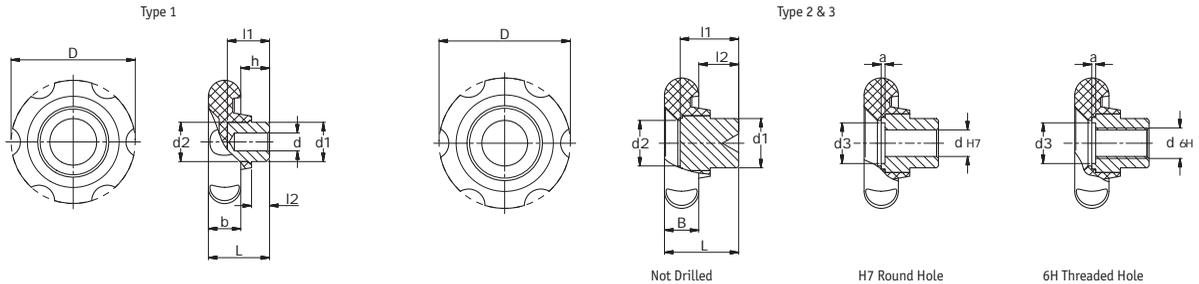
Part Number	Type	Thread Size	Dimensions (mm)					Thread Length (mm)	Standard Pack Quantity
			D	h1	d	h2	H		
491313	1	M5	28.0	16.0	12.0	10.0	26.0	-	10
491315	1	M6	28.0	16.0	12.0	10.0	26.0	-	10
491323	1	M8	40.0	17.0	18.0	12.0	30.0	-	10
491329	1	M6	50.0	19.0	21.0	12.0	31.0	-	10
491331	1	M8	50.0	19.0	21.0	12.0	31.0	-	10
491336	1	M8	60.0	21.0	23.0	13.0	35.0	-	10
491338	1	M10	60.0	21.0	23.0	13.0	35.0	-	10
491317	2	M5	28.0	16.0	12.0	10.0	26.0	10.0	10
491318	2	M5	28.0	16.0	12.0	10.0	26.0	15.0	10
491319	2	M5	28.0	16.0	12.0	10.0	26.0	20.0	10
491320	2	M6	28.0	16.0	12.0	10.0	26.0	15.0	10
491321	2	M6	28.0	16.0	12.0	10.0	26.0	20.0	10
491325	2	M6	40.0	17.0	18.0	12.0	29.0	25.0	10
491326	2	M8	40.0	17.0	18.0	12.0	29.0	16.0	10
491327	2	M8	40.0	17.0	18.0	12.0	29.0	25.0	10
491328	2	M8	40.0	17.0	18.0	12.0	29.0	35.0	10
491333	2	M6	50.0	19.0	21.0	12.0	31.0	35.0	10
491334	2	M8	50.0	19.0	21.0	12.0	31.0	35.0	10
491335	2	M8	50.0	19.0	21.0	12.0	31.0	40.0	10
491340	2	M8	60.0	21.0	23.0	13.0	34.0	20.0	10
491341	2	M8	60.0	21.0	23.0	13.0	34.0	30.0	10
491342	2	M10	60.0	21.0	23.0	13.0	34.0	30.0	10
491314	3	M5	28.0	16.0	12.0	10.0	26.0	-	5
491316	3	M6	28.0	16.0	12.0	10.0	26.0	-	5
491322	3	M6	40.0	17.0	18.0	12.0	30.0	-	5
491324	3	M8	40.0	17.0	18.0	12.0	30.0	-	5
491330	3	M6	50.0	19.0	21.0	12.0	31.0	-	5
491332	3	M8	50.0	19.0	21.0	12.0	31.0	-	5
491337	3	M8	60.0	21.0	23.0	13.0	35.0	-	5
491339	3	M10	60.0	21.0	23.0	13.0	35.0	-	5

## Lobe Knobs

SR 6519

PF or PA

- Material - Type 1 & 3 are made from Phenolic based (PF) Duroplast and Type 2 is made from glass reinforced polyamide based (PA) technopolymer. All types are resistant to solvents, oils, greases and other chemical agents.
- Colour - Black, glossy finish
- Type 1: Black-oxide steel hub, pre-drilled blind hole.
- Type 2: Black-oxide steel or brass hub available in different styles
  - Not drilled
  - H7 reamed pass-through hole (black-oxide steel hub)
  - 6H threaded pass-through hole (black-oxide steel hub)
- Type 3: Black-oxide steel hub, not drilled



Part Number	Type	Style	Main Dimensions							Hole Dimensions		Weight (Grams)	Standard Pack Quantity
			D	L	B	d1	d2	l1	l2	d-0.1	h		
1219060	1	Pre-drilled blind hole	51	29	13	20	18	20	10	6	15	67	10
1219061	1	Pre-drilled blind hole	61	32	16	20	18	20	10	6	15	87	10
1219062	1	Pre-drilled blind hole	69	36	18	24	20	23	12	6	15	126	10
1219063	1	Pre-drilled blind hole	82	40	19	24	20	23	12	6	15	160	1
1219056	1	Pre-drilled blind hole	99	44	20	36	30	31	14	8	22	325	1
1219058	1	Pre-drilled blind hole	129	47	22	40	40	30	13	8	20	500	1

Part Number	Type	Style	Main Dimensions							Mounting Hole			Weight (Grams)	Standard Pack Quantity	
			D	L	B	d1	d2	l2	d3	a	d6H	dH7			l
1219064	2	Not Drilled (steel hub)	50	29	13	20	18	10	-	-	-	-	21	72	10
1219066	2	H7 reamed pass-through hole	50	29	13	20	18	10	-	-	-	8	21	65	10
1219065	2	H7 reamed pass-through hole	50	29	13	20	18	10	-	-	-	10	21	60	10
1219067	2	6H threaded pass-through hole	50	29	13	20	18	10	-	-	M8	-	21	68	10
1219068	2	Not Drilled (brass hub)	50	29	13	20	18	10	-	-	-	-	21	72	10
1219069	2	Not Drilled (steel hub)	61	30	16	25	24	11	-	-	-	-	23	126	10
1219070	2	H7 reamed pass-through hole	61	30	16	25	24	11	15.2	0.8	-	10	23	114	10
1219071	2	H7 reamed pass-through hole	61	30	16	25	24	11	18.1	0.8	-	12	23	110	10
1219072	2	6H threaded pass-through hole	61	30	16	25	24	11	18.1	0.8	M10	-	23	117	10
1219073	2	Not Drilled (brass hub)	61	30	16	25	24	11	-	-	-	-	23	126	10
1219074	2	Not Drilled (steel hub)	70	33	18	30	30	12	-	-	-	-	25	190	10
1219075	2	H7 reamed pass-through hole	70	33	18	30	30	12	18.1	0.8	-	12	25	170	10
1219076	2	6H threaded pass-through hole	70	33	18	30	30	12	18.1	0.8	M12	-	25	175	10
1219077	2	Not Drilled (brass hub)	70	33	18	30	30	12	-	-	-	-	25	190	10
1219078	2	Not Drilled (steel hub)	80	40	19	35	34	15	-	-	-	-	30	300	1
1219079	2	H7 reamed pass-through hole	80	40	19	35	34	15	21.4	1.5	-	16	30	255	1
1219080	2	Not Drilled (steel hub)	80	40	19	35	34	15	18.1	0.8	M16	-	30	260	1
1219081	2	Not Drilled (brass hub)	80	40	19	35	34	15	-	-	-	-	30	300	1

Part Number	Type	Style	Main Dimensions							Mounting Hole			Weight (Grams)	Standard Pack Quantity	
			D	L	B	d1	d2	l2	d3	a	d6H	dH7			l
1219057	3	Not Drilled	99	44	20	36	34	14	-	-	-	-	34	405	1
1219059	3	Not Drilled	129	47	22	40	36	13	-	-	-	-	34	560	1

# HANDWHEELS AND KNOBS

## Grip Knobs

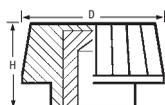
SR 1538

Black PA 6 or Black Phenolic

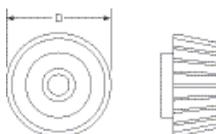
- Knurled matt finish provides easy grip
- High-impact resistant durable knob
- Resistant to oils, fuels and greases



Type 1



Type 2



Type 3



### Type 1 – Matt Finish – High-Impact Resistant Nylon 6 – Male

Part Number	Dimensions (mm)		Thread Size	Stud Length (mm)	Standard Pack Quantity
	D	H			
466346	15	11	M4	10	500
466347	15	11	M5	10	500
466348	22	16	M6	15	500
466349	22	16	M8	15	500

### Type 1 – Matt Finish – High-Impact Resistant Nylon 6 – Female

Part Number	Dimensions (mm)		Thread Size	Standard Pack Quantity
	D	H		
466342	15	11	M4	500
466343	15	11	M5	500
466344	22	16	M6	500
466345	22	16	M8	500

### Type 2 – Black Nylon – Male

Part Number	Thread Size	D (mm)	Stud Length (mm)	Standard Pack Quantity
KTSR-15M04M10	M4	15	10	500
KTSR-15M04M15	M4	15	15	500
KTSR-15M04M25	M4	15	25	500
KTSR-23M05M10	M5	23	10	500
KTSR-23M05M15	M5	23	15	500
KTSR-23M05M25	M5	23	25	500
KTSR-23M06M10	M6	23	10	500
KTSR-23M06M15	M6	23	15	500
KTSR-23M06M25	M6	23	25	500
KTSR-23M06M30	M6	23	30	500
KTSR-23M06M40	M6	23	40	500
KTSR-28M08M25	M8	28	25	500
KTSR-28M08M30	M8	28	30	500
KTSR-28M08M50	M8	28	50	500

### Type 2 – Black Nylon – Female

Part Number	Thread Size	D (mm)	Standard Pack Quantity
KTSR-15M04F	M4	15	500
KTSR-23M05F	M5	23	500
KTSR-23M06F	M6	23	500
KTSR-28M08F	M8	28	500

### Type 3 – Gloss Finish – Phenolic – Male

Part Number	Dimensions (mm)		Thread Size	Stud Length (mm)	Standard Pack Quantity
	D	H			
460585	14	16	M4	10	500
460588	20	26	M6	15	500

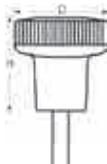
### Type 3 – Gloss Finish – Phenolic – Female

Part Number	Dimensions (mm)		Thread Size	Standard Pack Quantity
	D	H		
460582	14	16	M5	500
460583	20	26	M5	500
460584	20	26	M6	500

## Push-Pull Knobs

SR 1538

Black PA 6



- Female: brass thread insert
- Male: plated steel threaded stud
- Resistant to oils, fuels and greases

Male

Part Number	Dimensions (mm)		Thread Size	Stud Length (mm)	Standard Pack Quantity
	D	H			
466359	20	20	M5	16	500
466360	25	25	M6	20	250
466361	30	30	M8	30	250

Female

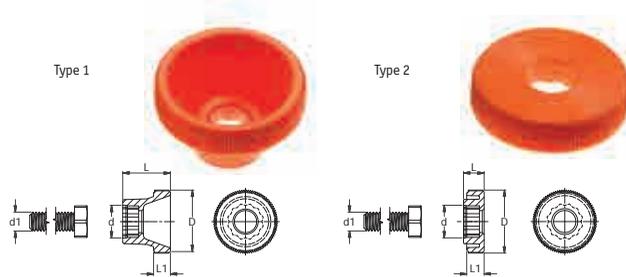
Part Number	Dimensions (mm)		Thread Size	Standard Pack Quantity
	D	H		
466356	20	20	M5	500
466357	25	25	M6	500
466358	30	30	M8	500

## Knurled Knob

SR 6127

Black or Orange POM

- Easy assembly on bolts and nuts with 1 hammer-stroke
- Suitable for M4, M5, M6, M8 and M10 hexagon bolts and nuts
- In compliance with DIN 555, 601, 934, 558, 571, 931 and 7976

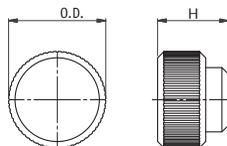


Part Number		Type	Dimensions					Standard Pack Quantity
Black	Orange		d1	d	D	L	L1	
037040159905	037040100905	1	M4	7	13	9.5	3.5	100
037040359905	037040300905	1	M4	7	17	11.5	4.5	100
037050159905	037050100905	1	M5	8	17	11.5	4.5	100
037050359905	037050300905	1	M5	8	20	15	5	100
037060159905	037060100905	1	M6	10	20	15	5	100
037060359905	037060300905	1	M6	10	25	18	6	100
037080159905	037080100905	1	M8	13	25	18	6	100
037080359905	037080300905	1	M8	13	36	23	8	100
037100159905	037100100905	1	M10	17	36	23	8	100
03710059905	037100000905	2	M10	17	36	10	8	100
037040059905	037040000905	2	M4	7	13	4.5	3.5	100
037040259905	037040200905	2	M4	7	17	5.5	4.5	100
037050059905	037050000905	2	M5	8	17	5.5	4.5	100
037050259905	037050200905	2	M5	8	20	6.5	5	100
037060059905	037060000905	2	M6	10	20	6.5	5	100
037060259905	037060200905	2	M6	10	25	8	6	100
037080059905	037080000905	2	M8	13	25	8	6	100
037080259905	037080200905	2	M8	13	36	10	8	100

## Thumbs Screw Knobs - Round Acetal

SR 6520

- Can be used as a thumb screw or a knob
- Caps available for use with any length screw
- Multiple colour available



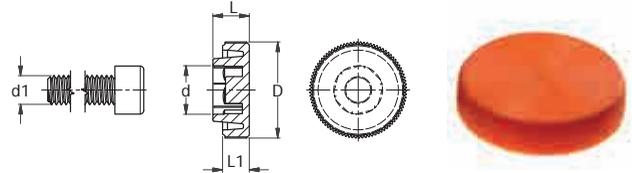
Part Number			Screw Size	OD (mm)	Knob Height (mm)	Standard Pack Quantity
Black	Blue	Red				
TSK390A	TSK405A	TSK420A	M4	12.7	5.6	100
TSK395A	TSK410A	TSK425A	M5	16.6	6.4	100
TSK400A	TSK415A	TSK430A	M6	25.4	9.3	100

## Knurled Knob

SR 6127

Black or Orange POM

- Easy assembly on socket head screws with 1 hammer-stroke
- Available for inside hexagon bolts M3 upto M10
- DIN 912, 6912, 7984



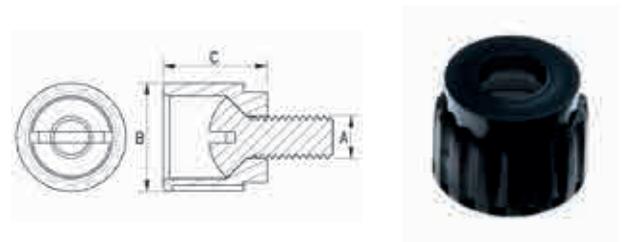
Part Number		Dimensions					Standard Pack Quantity
Black	Orange	d1	d	D	L	L1	
038030059905	038030000905	M3	5.5	11	4.5	3	100
038040059905	038040000905	M4	7	13	5.5	3.5	100
038040159905	038040100905	M4	7	17	5.5	4.5	100
038050059905	038050000905	M5	8.5	17	6.5	4.5	100
038050159905	038050100905	M5	8.5	20	6.5	5	100
038060059905	038060000905	M6	10	20	7.5	5	100
038060159905	038060100905	M6	10	25	7.5	6	100
038080059905	038080000905	M8	13	25	9.5	6	100
038080159905	038080100905	M8	13	36	9.5	8	100
038100059905	038100000905	M10	16	36	12	8	100

## Front Plate Knob

SR 6400

PA 6

- Easy mounting of screws by hand or screw driver
- Renders a neat finish
- May serve as buffer, prevents damage

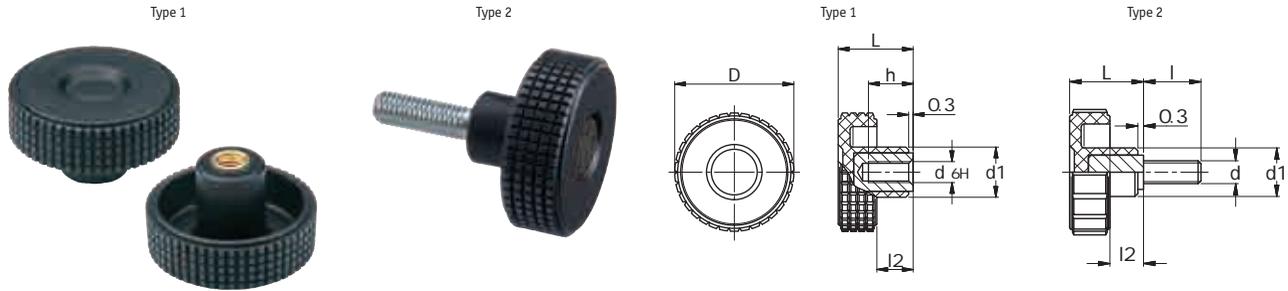


Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
08400259901	M2.5	7	9	250
084003059901	M3	8.5	10	250
084004059901	M4	10.5	11	250
084005059901	M5	12.5	12	250
084006059901	M6	14.5	13	250

## Diamond Cut Knurled Knob with Threaded Blind Hole or Threaded Stud

### SR 6521

- Material of the main knob is high-resilience polypropylene based (PP) technopolymer resistant to solvents, oils, greases and other chemical agents. Material of the centre cap is technopolymer with a matte finish
- Type 1: Brass boss, threaded blind hole
- Type 2: Zinc-plated steel threaded stud with chamfered flat end as in UNI 947:ISO 4753



Part Number	Type	Dimensions (mm)				Mounting Hole		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6H	h		
1219108	1	31	24	15	11.5	M5	10	12	1
1219109	1	31	24	15	11.5	M6	12	17	1
1219118	1	39.5	26.5	17	12.5	M6	12	22	1
1219119	1	39.5	26.5	17	12.5	M8	13	23	1
1219128	1	50	33	20	16	M8	20	32	1
1219127	1	50	33	20	16	M10	18	34	1
1219135	1	61	39	23	18.5	M10	20	50	1
1219136	1	61	39	23	18.5	M12	20	58	1
1219141	1	70	42	24	20.5	M14	20	78	1

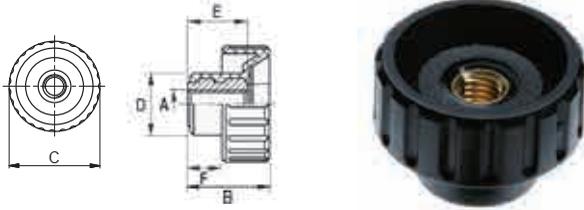
Part Number	Type	Dimensions (mm)				Threaded Stud		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6g	l		
1219110	2	31	24	15	11.5	M5	10	13	1
1219111	2	31	24	15	11.5	M5	20	14	1
1219112	2	31	24	15	11.5	M5	40	16	1
1219113	2	31	24	15	11.5	M6	10	14	1
1219114	2	31	24	15	11.5	M6	16	14	1
1219115	2	31	24	15	11.5	M6	20	15	1
1219116	2	31	24	15	11.5	M6	25	16	1
1219117	2	31	24	15	11.5	M6	30	17	1
1219120	2	39.5	26.5	17	12.5	M6	10	18	1
1219121	2	39.5	26.5	17	12.5	M6	20	20	1
1219122	2	39.5	26.5	17	12.5	M6	40	24	1
1219123	2	39.5	26.5	17	12.5	M8	16	26	1
1219124	2	39.5	26.5	17	12.5	M8	30	30	1
1219125	2	39.5	26.5	17	12.5	M8	40	33	1
1219126	2	39.5	26.5	17	12.5	M8	50	36	1
1219132	2	50	33	20	16	M8	16	36	1
1219133	2	50	33	20	16	M8	30	38	1
1219134	2	50	33	20	16	M8	50	44	1
1219129	2	50	33	20	16	M10	20	42	1
1219130	2	50	33	20	16	M10	30	47	1
1219131	2	50	33	20	16	M10	50	57	1
1219137	2	61	39	23	18.5	M10	20	58	1
1219138	2	61	39	23	18.5	M10	50	73	1
1219139	2	61	39	23	18.5	M12	20	70	1
1219140	2	61	39	23	18.5	M12	30	78	1
1219142	2	70	42	24	20.5	M12	50	105	1

## Fluted Grip Knobs with Insert

SR 6402

Polyamide based technopolymer

- Brass female insert with pass-through hole
- Resistant to solvents, oils, greases and other chemicals



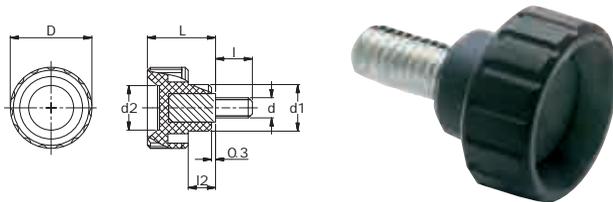
Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
258041659935	M4	13	16	11	10	5	10
258051659935	M5	13	16	11	10	5	10
258062559935	M6	19	25	16	14	8	10
258083259935	M8	22	32	17	16	9	10

## Fluted Grip Knob with Zinc-Plated Steel Threaded Stud

SR 6522

Polyamide based (PA) technopolymer

- Fluted Grip Knob with zinc-plated steel threaded stud, chamfered flat end according to UNI 947 : ISO 4753
- Resistant to solvents, oils, greases and other chemical agents
- Colour - Black, matte finish

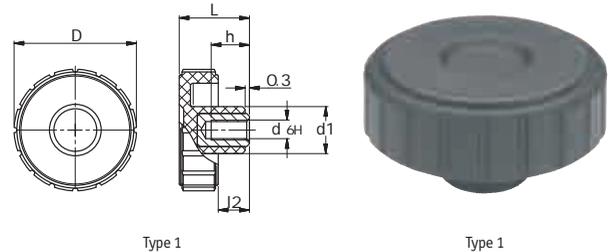


Part Number	Dimensions (mm)					Threaded Stud		Weight (Grams)	Standard Pack Quantity
	D	L	d1	d2	l2	d6g	l		
1219082	16	13	11	9	5	M5	10	6	25
1219083	16	13	11	9	5	M5	16	7	25
1219084	20	16	11.5	11	6	M5	25	9	25
1219085	20	16	11.5	11	6	M6	10	9	25
1219086	20	16	11.5	11	6	M6	16	11	25
1219087	20	16	11.5	11	6	M6	25	13	25
1219088	25	19	16	15	8	M8	16	15	25
1219089	25	19	16	15	8	M8	25	18	25
1219092	32	22	17	21	9	M8	40	25	25
1219090	32	22	17	21	9	M10	20	25	25
1219091	32	22	17	21	9	M10	30	28	25
1219093	40	27	19	25	13	M10	30	37	25

## Soft Touch Fluted Grip Knob with Blind Hole or Threaded Stud

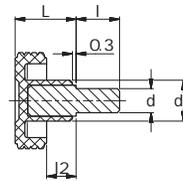
SR 6523

- Type 1 – Brass boss, threaded hole
- Type 2 – Zinc-plated steel threaded stud, chamfered flat end according to UNI 947 : ISO 4753
- ‘Soft-touch’ elastomer, improves the grip even in the presence of oils, greases and sweat from the hand
- Material – High-resilience polypropylene based (PP) technopolymer
- Colour – Black, matte finish and other chemicals
- Soft touch elastomer material is certified according to FDA (US Food and Drug administration)



Type 1

Type 1



Type 2

Type 2

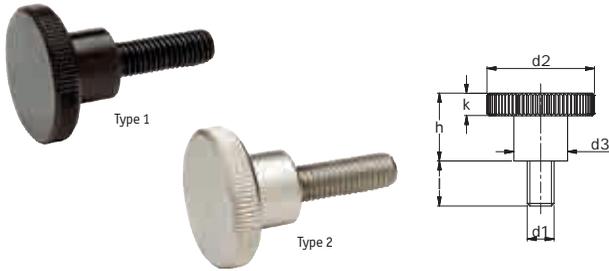
Part Number	Type	Dimensions (mm)				Mounting Hole		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6H	h		
1219094	1	44	24	17	10	M6	12	31	10
1219095	1	44	24	17	10	M8	13	30	10
1219101	1	54	30	20	12.5	M10	18	44	10

Part Number	Type	Dimensions (mm)				Threaded Stud		Weight (Grams)	Standard Pack Quantity
		D	L	d1	l2	d6g	l		
1219096	2	44	24	17	10	M6	10	25	10
1219097	2	44	24	17	10	M6	20	30	10
1219098	2	44	24	17	10	M8	16	33	10
1219099	2	44	24	17	10	M8	30	37	10
1219100	2	44	24	17	10	M8	50	47	10
1219105	2	54	30	20	12.5	M8	16	40	10
1219106	2	54	30	20	12.5	M8	30	50	10
1219107	2	54	30	20	12.5	M8	50	64	10
1219102	2	54	30	20	12.5	M10	20	52	10
1219103	2	54	30	20	12.5	M10	30	57	10
1219104	2	54	30	20	12.5	M10	50	73	10

# HANDWHEELS AND KNOBS

## Knurled Screws

SR 6524



- All Knurled Screws are produced from one piece and threaded over in full length
- Type 1: Made from Steel with a tensile strength class of 5.8 (500 N/mm<sup>2</sup>) Visible face fine turned and blackened
- Type 2: Made from Stainless Steel AISI 303. Visible face fine turned with a matte shot-blasted finish

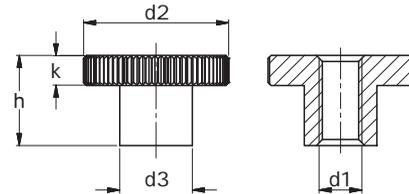
Part Number	Dimensions (mm)								Standard Pack Quantity
	Type	d1	Length l	d2	d3	h	k		
1220558	1	M3	6	12	6	7.5	2.5	10	
1220559	2	M3	6	12	6	7.5	3	10	
1220560	1	M3	10	12	6	7.5	2.5	10	
1220561	2	M3	10	12	6	7.5	3	10	
1220562	1	M3	12	12	6	7.5	2.5	10	
1220563	2	M3	12	12	6	7.5	3	10	
1220564	1	M3	16	12	6	7.5	2.5	10	
1220565	2	M3	16	12	6	7.5	3	10	
1220566	1	M4	8	16	8	9.5	3.5	10	
1220567	2	M4	8	16	8	9.5	3.5	10	
1220568	1	M4	10	16	8	9.5	3.5	10	
1220569	2	M4	10	16	8	9.5	3.5	10	
1220570	1	M4	12	16	8	9.5	3.5	10	
1220571	2	M4	12	16	8	9.5	3.5	10	
1220572	1	M4	16	16	8	9.5	3.5	10	
1220573	2	M4	16	16	8	9.5	3.5	10	
1220574	1	M4	20	16	8	9.5	3.5	10	
1220575	2	M4	20	16	8	9.5	3.5	10	
1220576	1	M4	25	16	8	9.5	3.5	10	
1220577	2	M4	25	16	8	9.5	3.5	10	
1220578	1	M5	10	20	10	11.5	4	10	
1220579	2	M5	10	20	10	11.5	4	10	
1220580	1	M5	12	20	10	11.5	4	10	

Part Number	Dimensions (mm)								Standard Pack Quantity
	Type	d1	Length l	d2	d3	h	k		
1220581	2	M5	12	20	10	11.5	4	10	
1220582	1	M5	16	20	10	11.5	4	10	
1220583	2	M5	16	20	10	11.5	4	10	
1220584	1	M5	20	20	10	11.5	4	10	
1220585	2	M5	20	20	10	11.5	4	10	
1220586	1	M5	25	20	10	11.5	4	10	
1220587	2	M5	25	20	10	11.5	4	10	
1220588	1	M5	30	20	10	11.5	4	10	
1220589	2	M5	30	20	10	11.5	4	10	
1220590	1	M6	12	24	12	15	5	10	
1220591	2	M6	12	24	12	15	5	10	
1220592	1	M6	16	24	12	15	5	10	
1220593	2	M6	16	24	12	15	5	10	
1220594	1	M6	20	24	12	15	5	10	
1220595	2	M6	20	24	12	15	5	10	
1220596	1	M6	25	24	12	15	5	10	
1220597	2	M6	25	24	12	15	5	10	
1220598	1	M6	30	24	12	15	5	10	
1220599	2	M6	30	24	12	15	5	10	
1220600	1	M6	35	24	12	15	5	10	
1220601	2	M6	35	24	12	15	5	10	
1220602	1	M8	16	30	16	18	6	10	
1220603	2	M8	16	30	16	18	6	10	
1220604	1	M8	20	30	16	18	6	10	
1220605	2	M8	20	30	16	18	6	10	
1220606	1	M8	25	30	16	18	6	10	
1220607	2	M8	25	30	16	18	6	10	
1220608	1	M8	30	30	16	18	6	10	
1220609	2	M8	30	30	16	18	6	10	
1220610	1	M8	35	30	16	18	6	10	
1220611	2	M8	35	30	16	18	6	10	

## Knurled Nuts

SR 6525

- All Knurled Nuts are produced from one piece
- Type 1: Made from Steel with a tensile strength class of 5.8 (500 N/mm<sup>2</sup>). Visible face fine turned and blackened
- Type 2: Made from Stainless Steel AISI 303. Visible face fine turned with a matt shot-blasted finish



Part Number	Dimensions (mm)							Standard Pack Quantity
	Type	d1	d2	d3	h	k		
1220612	1	M4	16	8	9.5	3.5	10	
1220613	2	M4	16	8	9.5	3.5	10	
1220614	1	M5	20	10	11.5	4	10	
1220615	2	M5	20	10	11.5	4	10	
1220616	1	M6	24	12	15	5	10	
1220617	2	M6	24	12	15	5	10	
1220618	1	M8	30	16	18	6	10	
1220619	2	M8	30	16	18	6	10	
1220620	1	M10	36	20	23	8	10	
1220621	2	M10	36	20	23	8	10	

## Stainless Steel Knobs

SR 5415

Stainless Steel 304

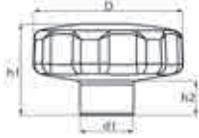
- Female Thread
- Type 2: Tapped right through



Type 1: Solid



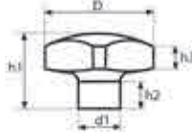
Type 2: Through Hole



Type 1 & 2



Type 3



Type 4



Type 3: Pressed



Type 4: Solid Star

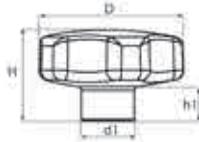
Part Number	Type	Dimensions (mm)					Thread Size	Thread Type	Standard Pack Quantity
		D	h1	d1	h2	h3			
491343	1	40.0	24.0	14.0	8.0	-	M6	Matt	5
491344	1	40.0	24.2	14.0	8.0	-	M8	Matt	5
491345	1	50.0	31.2	18.0	10.0	-	M8	Matt	5
491346	1	50.0	31.2	18.0	10.0	-	M10	Matt	5
491347	1	60.0	39.0	20.0	14.3	-	M10	Matt	2
491348	1	60.0	39.0	20.0	15.0	-	M12	Matt	2
491349	2	40.0	24.0	14.0	8.2	-	M8	Matt	5
491350	2	50.0	30.9	18.0	10.0	-	M10	Matt	5
491351	2	60.0	38.6	20.0	14.3	-	M12	Matt	2
491352	3	40.0	12.2	14.0	12.0	24.2	M8	Matt	5
491353	3	50.0	13.7	18.0	18.0	31.2	M10	Matt	5
491354	3	60.0	18.0	20.0	22.0	29.0	M12	Matt	5
491367	4	31.0	21.5	12.0	8.0	6.5	M6	Highly Polished	5

## Aluminium Knobs

SR 5416

Aluminium

- Type 1 & 2: female thread
- Highly polished finish



Type 1



Type 2

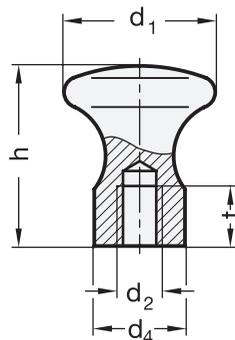
Part Number	Type	Dimensions (mm)				Thread Size	Thread Type	Standard Pack Quantity
		D	H	d1	h1			
491355	1	40.0	24.0	14.0	8.2	M6	Blind	10
491356	1	40.0	24.0	14.0	8.2	M8	Blind	10
491357	1	50.0	31.0	18.0	9.8	M10	Blind	5
491358	1	50.0	31.0	18.0	9.8	M8	Blind	5
491359	1	60.0	39.0	20.0	14.3	M10	Blind	5
491360	1	60.0	39.0	20.0	14.3	M12	Blind	5
491361	2	40.0	24.0	14.0	8.2	M6	Tapped Through	10
491362	2	40.0	24.0	14.0	8.2	M8	Tapped Through	10
491363	2	50.0	30.0	18.0	9.8	M8	Tapped Through	5
491364	2	50.0	30.0	18.0	9.8	M10	Tapped Through	5
491365	2	60.0	39.0	20.0	14.3	M10	Tapped Through	5
491366	2	60.0	39.0	20.0	14.3	M12	Tapped Through	5

## Waist Shaped Knobs

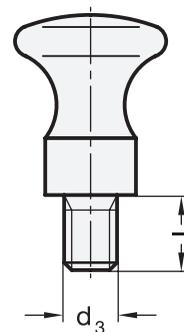
SR 6526

Available in Steel And Stainless Steel

- Both male and female version available
- A compact and timeless design
- High grade stainless steel making it first choice when a high standard of hygiene is critical for application



Type 1



Type 2

### Steel, Zinc Plated

Part Number	Type	Finish	Dimensions							Standard Pack Quantity
			h	d1	d2	d3	d4	l	t	
1337504	1	Blackened	18	16	M5	-	10	-	7	1
1337505	2	Blackened	18	16	-	M6	10	10	-	1
1337506	1	Blackened	24	20	M6	-	12	-	9	1
1337507	2	Blackened	24	20	-	M8	12	12	-	1
1337508	1	Blackened	29	25	M6	-	14	-	9	1
1337509	2	Blackened	29	25	-	M8	14	14	-	1
1337510	1	Blackened	37	32	-	M10	18	16	-	1
1337511	2	Blackened	37	32	M8	-	18	-	12	1
1337512	1	Blackened	42	36	M10	-	20	-	15	1
1337513	2	Blackened	42	36	-	M12	20	18	-	1

### Stainless Steel

Part Number	Type	Finish	Dimensions							Standard Pack Quantity
			h	d1	d2	d3	d4	l	t	
1337514	1	Matte shot-blasted	18	16	M5	-	10	-	7	5
1337515	2	Matte shot-blasted	18	16	-	M6	10	10	-	5
1337516	1	Matte shot-blasted	24	20	M6	-	12	-	9	5
1337517	2	Matte shot-blasted	24	20	-	M8	12	12	-	5
1337518	1	Matte shot-blasted	29	25	M6	-	14	-	9	5
1337519	2	Matte shot-blasted	29	25	-	M8	14	14	-	5
1337520	1	Matte shot-blasted	37	32	-	M10	18	16	-	5
1337521	2	Matte shot-blasted	37	32	M8	-	18	-	12	5
1337522	1	Matte shot-blasted	42	36	M10	-	20	-	15	5
1337523	2	Matte shot-blasted	42	36	-	M12	20	18	-	5

## Ball Knobs

SR 1535

Black LDPE

- Simple knock-on fixing for quick assembly

Part Number	Dimensions (mm)		Standard Pack Quantity
	D	d	
3209BLACK	12	3.2	10000
3212BLACK	12	4.0	10000
3214BLACK	12	4.8	10000
3219BLACK	12	6.0	10000
3220BLACK	12	6.4	10000
3314BLACK	15	4.8	5000
3320BLACK	15	6.4	5000
3614BLACK	25	4.8	1250
3619BLACK	25	6.0	1250
3620BLACK	25	6.4	1250
3624BLACK	25	7.9	1250
3628BLACK	25	9.5	1250
3720BLACK	30	6.4	625
3724BLACK	30	7.9	625
3728BLACK	30	9.5	625
3731BLACK	30	12.7	625
3732BLACK	30	15.9	625
3828BLACK	36	9.5	325
3831BLACK	36	12.7	700
3832BLACK	36	15.9	350
3835BLACK	36	19.1	350

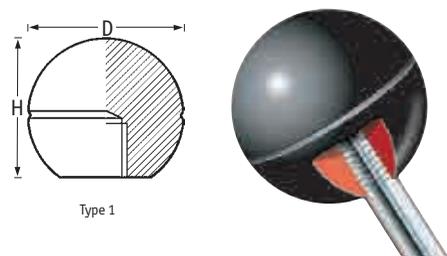


## Phenolic Ball Knobs

SR 1535

Black Phenolic

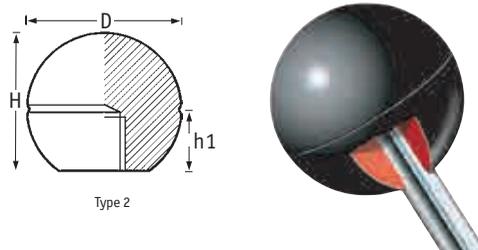
- Durable, attractive gloss finish
- Type 1 – threaded to accept threaded stud
- Type 2 – simple knock-on assembly, reducing application time



Type 1

### Threaded Insert (Type 1)

Part Number	Dimensions (mm)		Thread Size	Standard Pack Quantity
	D	H		
462096	20	20	M8	500
107062569915	25	23	M6	250
462097	25	25	M10	250
462098	32	32	M6	200
462099	32	32	M10	200
462100	32	32	M12	200
462101	40	36	M8	100
1255004	40	40	M10	250
462103	40	40	M12	100
460606	44	43	M16	125



Type 2

### Knock-On Assembly (Type 2)

Part Number	Dimensions (mm)			To fit shaft diameter (mm)	Standard Pack Quantity
	D	H	h1		
460607	19	17	13	5	250
460608	25	23	16	6	250
460609	32	30	15	8	250

# HANDWHEELS AND KNOBS

## Balls Knobs

SR 6528

Black Phenolic  
Brass Insert



Part Number	Diameter (mm)	Thread Size	Thread Depth (mm)	Standard Pack Quantity
MBK-3	25.0	M8 x 1.25	11.0	1
MBK-1	25.0	M5 x 0.8	10.0	1
MBK-2	25.0	M6 x 1.00	11.0	1
MBK-7	35.0	M10 x 1.50	15.0	1
MBK-8	35.0	M12 x 1.75	17.0	1
MBK-5	35.0	M6 x 1.00	11.0	1
MBK-6	35.0	M8 x 1.25	11.0	1
MBK-10	48.0	M12 x 1.75	17.0	1
MBK-11	48.0	M16 x 2.0	18.0	1
MBK-9	48.0	M10 x 1.50	15.0	1

## Balls Knobs

SR 6529

Black Thermoplastic

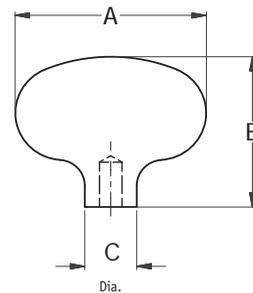


Part Number	Type	Diameter (mm)	Thread Size	Thread Depth (mm)	Standard Pack Quantity
RST-1	Molded Thread	16.0	M4	6.0	1
RST-2	Molded Thread	20.0	M5	8.0	1
RST-4	Molded Thread	30.0	M8	14.0	1
RST-5	Molded Thread	35.0	M10	16.0	1
RST-6	Molded Thread	40.0	M10	16.0	1
RST-7	Molded Thread	45.0	M12	9.0	1
RST-8	Molded Thread	50.0	M12	18.0	1
RST-9	Brass Insert	16.0	M4	6.0	1
RST-10	Brass Insert	20.0	M5	9.0	1
RST-11	Brass Insert	25.0	M6	10.0	1
RST-12	Brass Insert	30.0	M8	14.0	1
RST-13	Brass Insert	35.0	M10	17.0	1
RST-14	Brass Insert	40.0	M10	17.0	1

## Mushroom Knobs

SR 6530

Black Phenolic  
Brass Insert



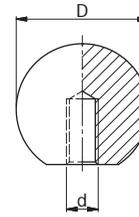
Part Number	Dimensions (mm)			Thread Size	Standard Pack Quantity
	A	B	C		
MLO-1	51.6	38.1	19.05	M6 x 1.0 x 11	1
MLO-2	51.6	38.1	19.05	M8 x 1.25 x 11	1
MLO-3	51.6	38.1	19.05	M10 x 1.5 x 13	1
MLO-4	51.6	38.1	19.05	M12 x 1.75 x 17	1

## Aluminium Ball Knobs

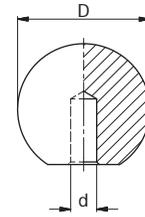
SR 5485

Aluminium

- Polished Aluminium - DIN 319
- Type 1 - threaded to accept threaded stud
- Type 2 - simple knock-on assembly, reducing application time



Type 1



Type 2

Part Number	Type	Dimensions (mm) D	Thread Size d	Standard Pack Quantity
498448	1	16	M4	10
498449	1	16	M5	10
498450	1	16	M6	10
498451	1	20	M4	10
498452	1	20	M5	10
498453	1	20	M6	10
498454	1	25	M6	10
498455	1	25	M8	10
498456	1	25	M10	10
498457	1	32	M6	10
498458	1	32	M8	10
498459	1	32	M10	10
498460	1	38	M6	10

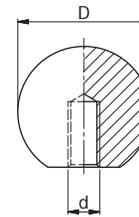
Part Number	Type	Dimensions (mm) D	Thread Size d	Standard Pack Quantity
498461	1	38	M8	10
498462	1	38	M10	10
498463	1	44	M10	10
498464	1	50	M10	10
498477	2	16	4mm H7	10
498479	2	20	5mm H7	10
498483	2	32	6mm H7	10

## Stainless Steel Ball Knobs

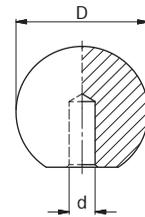
SR 5484

Stainless Steel

- Ideal for corrosion-free applications
- Highly polished with a flash chrome finish
- Type 1 - threaded to accept threaded stud
- Type 2 - simple knock-on assembly, reducing application time



Type 1



Type 2

Part Number	Type	Dimensions (mm) D	Thread Size d	Standard Pack Quantity
498431	1	16	M4	10
498432	1	16	M5	10
498433	1	16	M6	10
498434	1	20	M4	10
498435	1	20	M5	10
498436	1	20	M6	10
498437	1	25	M6	10
498438	1	25	M8	10
498439	1	25	M10	10
498440	1	32	M6	10
498441	1	32	M8	10
498442	1	32	M10	10
498443	1	38	M6	10
498444	1	38	M8	10
498445	1	38	M10	10

Part Number	Type	Dimensions (mm) D	Thread Size d	Standard Pack Quantity
498446	1	44	M10	10
498447	1	50	M10	10
498465	2	16	4mm H7	10
498470	2	25	8mm H7	10
498476	2	44	10mm H7	10

## Wingnut with Threaded Through Insert

SR 6531

Reinforced Polyamide

- Black RAL 9011
- Alternative caps available on custom request



Part Number	Dimensions (mm)									Cap Colour	Standard Pack Quantity
	A	B	H	m	c	d	d3	d1 6H	Q		
1340362	44	16	22	8	14	14	10	M6	15	Grey	5
1340363	52	19	26	9.5	16.5	17	13	M8	18	Grey	5
1340364	52	19	26	9.5	16.5	17	13	M10	18	Grey	5

## Wingnut with Threaded Stud

SR 6532

Reinforced Polyamide

- Black RAL 9011
- Zinc Plated Steel Threaded Stud



Part Number	Dimensions (mm)									Cap Colour	Standard Pack Quantity
	A	B	H	m	c	d	d3	d1 6H	Q		
1340359	44	16	22	8	14	14	10	M6	20	Grey	5
1340360	52	19	26	9.5	16.5	17	13	M8	20	Grey	5
1340361	67	24	32.5	11	21.5	21	16	M10	30	Grey	5

## Mushroom Knob with Threaded Insert

SR 6533

Reinforced Polyamide

- Black RAL 9011
- Brass Insert



Part Number	Dimensions (mm)					Standard Pack Quantity
	D	H	d	d1	Q	
1340365	22	17	11	M5	8	5
1340366	22	17	11	M6	13	5
1340367	32	24	15	M6	8	5
1340368	32	24	15	M8	13	5

## Mushroom Knob with Threaded Stud

SR 6534

Reinforced Polyamide

- Black RAL 9011
- Zinc plated steel threaded stud



Part Number	Dimensions (mm)						Standard Pack Quantity
	D	H	d	LM	d1 6g	Q	
1340369	22	17	11	56	M5	30	1
1340370	22	17	11	65	M6	30	1
1340371	32	24	15	70	M6	30	1
1340372	32	24	15	70	M8	40	1

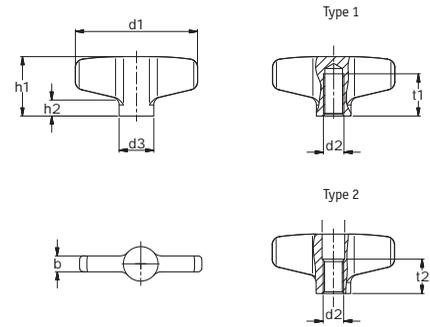
## Stainless Steel Wing Nuts

SR 6535

Stainless Steel AISI CF-8 shot-blasted finish

- Stainless Steel Wing Nuts are manufactured by precision casting and therefore made out of one piece. Drilling and threading is processed subsequently
- Type 1: With threaded blind bore
- Type 2: With threaded through bore

Part Number	Type	Dimensions (mm)									Standard Pack Quantity
		d1	d2	d3	d4	b	h1	h2	t1(min.)	t2	
1220622	2	46	M6	13	6.5	6	22.5	6	12	10	10
1220623	1	46	M6	13	6.5	6	22.5	6	12	10	10
1220624	2	46	M8	13	8.5	6	22.5	6	15	13	10
1220625	1	46	M8	13	8.5	6	22.5	6	15	13	10
1220628	2	58	M8	16	8.5	7	26.5	7	15	13	10
1220629	1	58	M8	16	8.5	7	26.5	7	15	13	10
1220626	2	58	M10	16	10.5	7	26.5	7	18	16	10
1220627	1	58	M10	16	10.5	7	26.5	7	18	16	10

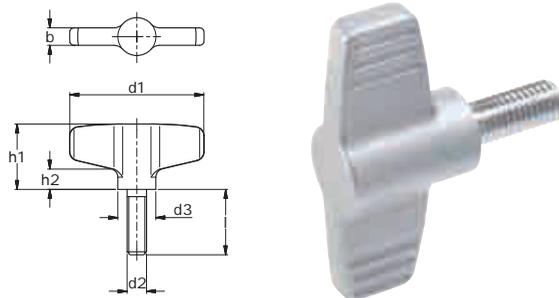


## Stainless Steel Wing Screws

SR 6536

Stainless Steel AISI CF-8 shot-blasted finish

- Stainless Steel Wing Screws are manufactured by precision casting and therefore made out of one piece. The thread is being processed subsequently

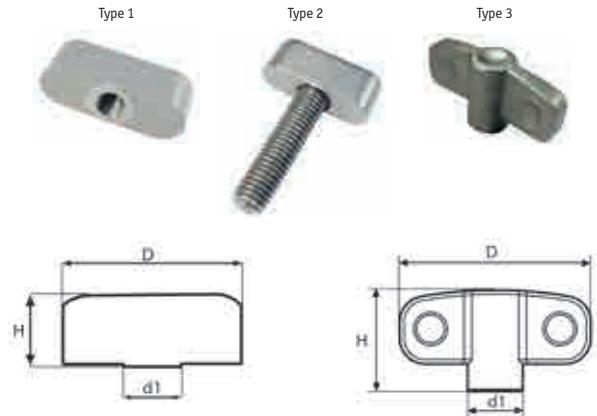


Part Number	Dimensions (mm)							Standard Pack Quantity
	d1	d2	Length l	d3	b	h1	h2	
1220630	46	M6	16	13	6	22.5	6	10
1220631	46	M6	20	13	6	22.5	6	10
1220632	46	M6	25	13	6	22.5	6	10
1220633	46	M8	16	13	6	22.5	6	10
1220634	46	M8	20	13	6	22.5	6	10
1220635	46	M8	25	13	6	22.5	6	10
1220639	58	M8	20	16	7	26.5	7	10
1220640	58	M8	25	16	7	26.5	7	10
1220641	58	M8	30	16	7	26.5	7	10
1220636	58	M10	20	16	7	26.5	7	10
1220637	58	M10	25	16	7	26.5	7	10
1220638	58	M10	30	16	7	26.5	7	10

## Stainless Steel Wing Knobs

SR 5417

Stainless Steel – Matte Finish



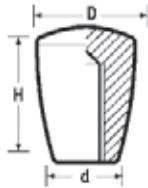
Part Number	Type	Dimensions (mm)			Thread Size	Thread Length (mm)	Thread Type	Standard Pack Quantity
		D	H	d1				
491368	1	25.0	10.0	8.0	M6	-	Female	10
491369	1	36.0	14.5	12.0	M8	-	Female	20
491370	2	25.0	10.0	8.0	M6	20	Male	10
491371	2	36.0	14.5	12.0	M8	32	Male	20
491372	2	36.0	14.5	12.0	M10	40	Male	20
491373	3	45.0	24.0	13.0	M6	-	Female	10
491374	3	45.0	24.0	13.0	M8	-	Female	10
491375	3	57.0	28.0	16.0	M8	-	Female	20
491376	3	57.0	28.0	16.0	M10	-	Female	20

# HANDWHEELS AND KNOBS

## Tapered Knobs

SR 1538

Black PA 6



- Durable with high impact resistance
- Type 1: simple knock-on assembly
- Type 2: moulded inner thread
- Resistant to oils, fuels and greases

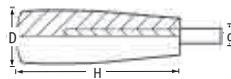
Part Number		Dimensions			Thread or Bore	Standard Pack Quantity
Type 1	Type 2	D	H	d		
466377	466372	15	20	10	ø5, M5	500
466378	466373	18	25	12	ø6, M6	500
466379	466374	24	33	16	ø8, M8	500
466380	466375	28	38	18	ø10, M10	500
466381	466376	31	43	21	ø12, M12	500

## Long Tapered Knobs

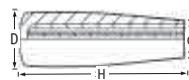
SR 1533

Black PA 6

- Male version: plated steel threaded stud for increased fixing security
- Female version: simple knock-on assembly onto plain shaft



Male Version



Female Version

### Male

Part Number	Dimensions			Thread	Stud Length	Standard Pack Quantity
	D	H	d			
466332	18	40.1	15	M6	10	100
466333	21	50.0	17	M8	12	100
466334	23	65.0	19	M10	15	100
466336	28	90.0	22	M12	20	100

### Female

Part Number	Dimensions				Bore Diameter	Standard Pack Quantity
	D	H	d	h		
466337	18	40	15	37	8	100
466338	21	50	17	46	10	100
466339	23	65	19	61	10	100
466340	26	80	21	75	12	100
466341	28	90	22	85	16	100

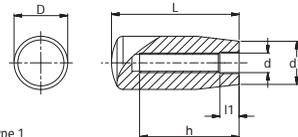
## Tapered Handle with Threaded Hole or Threaded Stud

SR 6537

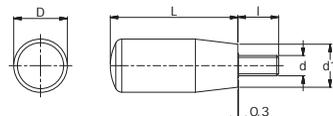
- Material - Phenolic based (PF) Duroplast Resistant to solvents, oils, greases and other chemical agents
- Colour - Black, glossy finish
- Type 1 - Tapered handle with threaded blind hole
- Type 2 - Tapered handle with zinc-plated steel threaded stud, chamfered flat end UNI 947 : ISO 4753



Type 1



Type 2



Part Number	Type	Dimensions (mm)				Mounting Hole		Weight (Grams)	Standard Pack Quantity
		L	D	d1	d	h	l1		
1219160	1	28	14	11	M5	12	1.5	5	50
1219162	1	40	18	15	M6	25	3.5	12	50
1219163	1	40	18	15	M8	25	3.5	12	50
1219165	1	50	21	17	M6	25	3.5	21	50
1219166	1	50	21	17	M8	35	7.5	20	50
1219171	1	65	23	19	M8	30	7.5	33	25
1219169	1	65	23	19	M10	40	7.5	30	25
1219170	1	65	23	19	M12	40	7.5	28	25
1219175	1	80	26	21	M8	45	8	45	10
1219173	1	80	26	21	M10	55	7	47	10
1219174	1	80	26	21	M12	55	10	45	10
1219177	1	90	28	22	M10	55	7	64	10
1219178	1	90	28	22	M12	58	8	62	10
1219157	1	102	31	25	M12	58	8	90	10
1219158	1	102	31	25	M14	65	5	85	10
1219159	1	116	29	23	M12	58	8	88	10

Part Number	Type	Dimensions (mm)				Threaded Stud		Weight (Grams)	Standard Pack Quantity
		L	D	d1	d6g	l			
1219161	2	40	18	15	M6	16	18	25	
1219164	2	50	21	17	M8	16	38	1	
1219167	2	65	23	19	M10	16	60	1	
1219168	2	65	23	19	M10	30	67	1	
1219172	2	80	26	21	M10	16	80	1	
1219176	2	90	28	22	M12	16	113	1	
1219156	2	102	31	25	M12	16	142	1	

## Conical Handle with Threaded Hole

SR 6538

Black RAL 9011 PA

- Female threaded blind hole

Part Number	Dimensions					Standard Pack Quantity
	H	D	d	d1	Q	
1340344	50	20	15	M6	23	1
1340345	50	20	15	M8	23	1
1340346	50	20	15	M10	23	1
1340347	60	23	18	M8	30	1
1340348	60	23	18	M10	30	1
1340349	70	25	19	M8	30	1
1340350	70	25	19	M10	30	1
1340351	80	26	21	M12	31	1
1340352	80	26	21	M12	31	1

### With Grey Cap

Part Number	Dimensions					Standard Pack Quantity
	H	D	d	h1	d1	
1340353	89.5	27	22	32	M8	1
1340354	89.5	27	22	32	M10	1



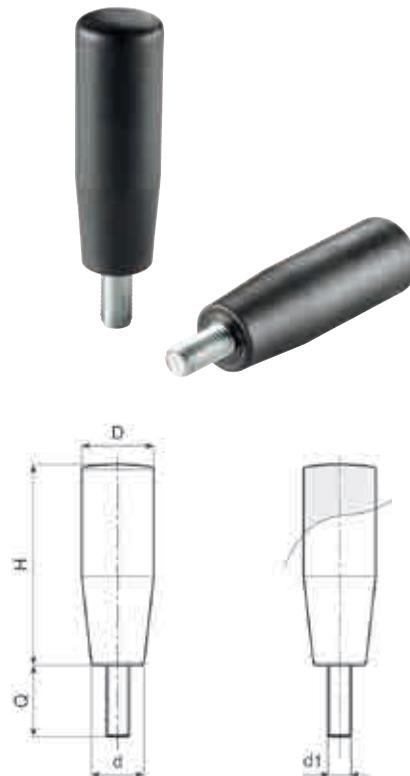
## Conical Handle with Threaded Stud

SR 6539

Black RAL 9011 Reinforced polyamide

- Zinc plated Threaded Steel Stud
- Inserts available in different materials and lengths available through custom solution

Part Number	Dimensions					Standard Pack Quantity
	H	D	d	d1	Q	
1340355	50	20	15	M 6	10	20
1340356	50	20	15	M 8	10	20
1340357	70	25	18	M 8	10	20
1340358	80	26	21	M 8	10	20



## Tee Knobs

SR 1539

Black PA 6

- Male version: plated steel threaded stud
- Female version: brass insert



### Male: Plated Steel Stud

Part Number	Dimensions (mm)					Thread	Stud Length (mm)	Standard Pack Quantity
	L	H	d	h1	W			
466367	40	30	13	20	13	M5	20	100
466368	50	25	14	16	16	M5	20	100
466369	60	32	16	23	18	M6	25	100
466370	71	34	18	19	19	M8	30	100
466371	80	40	26	26	27	M10	40	100

### Female: Brass Insert

Part Number	Dimensions (mm)					Thread	Standard Pack Quantity
	L	H	d	h1	W		
466362	40	30	13	20	13	M5	100
466363	50	25	14	16	16	M5	100
466364	60	32	16	23	18	M6	100
466365	71	34	18	19	19	M8	100
466366	80	40	26	26	27	M10	100

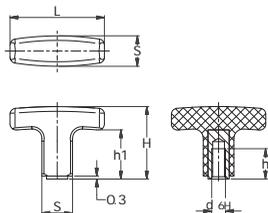
## Tee Handles

SR 6540

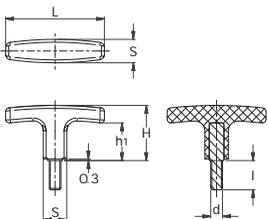
- Material - Glass-fibre reinforced polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents
- Colour - Black colour, matte finish
- Type 1 - Brass boss, threaded blind hole
- Type 2 - Zinc-plated steel threaded stud, chamfered flat end  
UNI 947: ISO 4753



Type 1



Type 2



Part Number	Type	Dimensions (mm)				Mounting Hole		Weight (Grams)	Standard Pack Quantity
		L	S	H	h1	d6H	h		
1219179	1	40	13	30	20	M6	16	10	
1219181	1	55	15	33	22	M6	18	10	
1219182	1	55	15	33	22	M8	20	10	
1219184	1	67	16.5	37	25	M8	20	10	
1219188	1	80	20	41	26	M8	25	10	
1219186	1	80	20	41	26	M10	25	10	
1219187	1	80	20	41	26	M12	18	10	
1219191	1	94	21	46	28.5	M10	25	1	
1219192	1	94	21	46	28.5	M12	18	1	

Part Number	Type	Dimensions (mm)				Threaded Stud		Weight (Grams)	Standard Pack Quantity
		L	S	H	h1	d6g	l		
1219180	2	40	13	30	20	M6	20	17	1
1219183	2	55	14	33	22	M8	20	28	1
1219185	2	67	16	37	25	M8	25	38	1
1219189	2	80	20	41	26	M10	20	52	1
1219190	2	80	20	41	26	M10	30	58	1
1219193	2	94	21	46	28.5	M12	30	68	1

## Knobs for Socket Head Cap Screw

SR 1537

Black PA 6

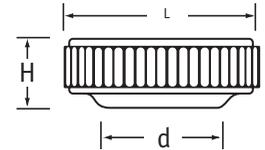
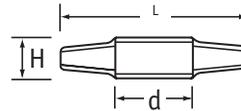
- Easy assembly of socket head cap screw into base of knob
- No special tools or glue necessary
- Type 1: T-head provides extra leverage
- Type 2: Knurled edge for increased grip



Type 1



Type 2



### Tee Knob (Type 1)

Part Number	Dimensions (mm)			To fit socket head cap screw	Standard Pack Quantity
	L	H	d		
466354	30	8	13	M6	500
466355	38	10	17	M8	500

### Knurled Knob (Type 2)

Part Number	Dimensions (mm)			To fit socket head cap screw	Standard Pack Quantity
	L	H	d		
466350	13	5	10	M4	500
466351	16	6	12	M5	500
466352	19	8	14	M6	500

## Wing Knobs

SR 1579

Black PA

- Zinc-plated steel threaded studs for strength
- Provide a simple means of adjusting and fixing
- Ideal for use in shopfitting and point-of-sale applications

Part Number	Dimensions (mm)		Thread Size	Standard Pack Quantity
	Wing	Stud Length		
KTSW-28M05M15	28	15	M5	500
KTSW-28M05M25	28	25	M5	500
KTSW-28M06M10	28	10	M6	500
KTSW-28M06M25	28	25	M6	500
KTSW-33M08M25	33	25	M8	300



## Wing Knob

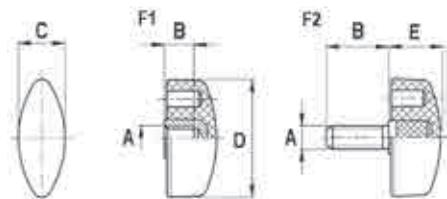
SR 6123

Black Polyamide

- Glass-fibre reinforced polyamide based technopolymer
- Brass female insert or zinc plated steel stud
- Protruding 0.3 mm metal shoulder ensures a metal-to-metal assembly
- Resistant to solvents, oils, greases and other chemical agents



Part Number	Dimensions (mm)						Standard Pack Quantity
	Thread (A)	B	C	D	E	F	
259052559935	M5	6	11	26	13	F1	10
259063059935	M6	8	13	32	15	F1	10
259084059935	M8	8	15.5	40	17	F1	10
259040659935	M4	6	9.5	20	11	F2	10
259041059935	M4	10	9.5	20	11	F2	10
259051059935	M5	10	11	26	13	F2	10
259051659935	M5	16	11	26	13	F2	10
259061059935	M6	10	13	32	15	F2	10
259061659935	M6	16	13	32	15	F2	10
259062059935	M6	20	13	32	15	F2	10

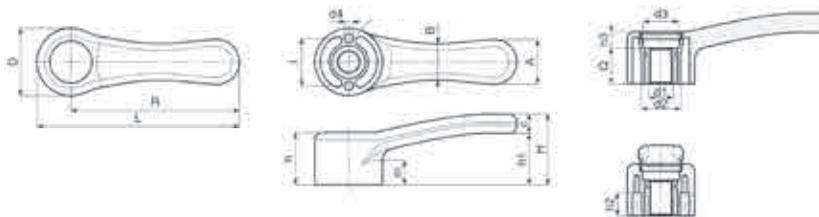


# HANDWHEELS AND KNOBS

## Fixed Level with Threaded Insert

SR 6541  
PA 6

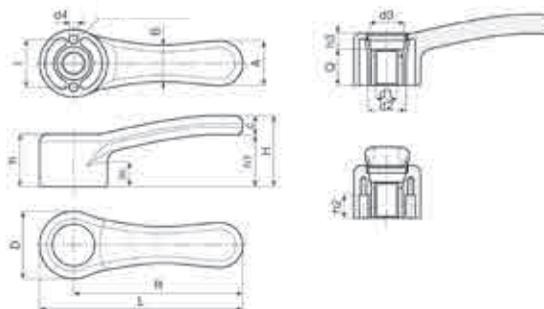
- Special high resistant glass fiber reinforced technopolymer
- Black RAL 9011 - Central cap Grey polyamide RAL 7035
- A various offer of colour caps available on custom request



Part Number	Colour	Cap	Dimensions																	Standard Pack Quantity	
			L	R	D	H	h	h1	h2	h3	m	l	A	b	c	d2	d3	d4	d1 6H		Q
1340331	Black	Grey	84.5	68	33	37	25	27	11.5	9	12	24	20	17	10	20	16	4	M 8	16	10
1340332	Black	Grey	84.5	68	33	37	25	27	11.5	9	12	24	20	17	10	20	16	4	M 20	16	10
1340333	Black	Grey	104	89	36	40	28	29	14	12	13	26	24	19	11	22	18	5	M 8	16	10
1340334	Black	Grey	104	86	36	40	28	29	14	12	13	26	24	19	11	22	18	5	M 10	16	10
1340335	Black	Grey	112	45	47	36	35	14.5	12	16	32	30	24	13	13	26	23.5	6	m 12	24	10

## Fixed Level with smooth Insert

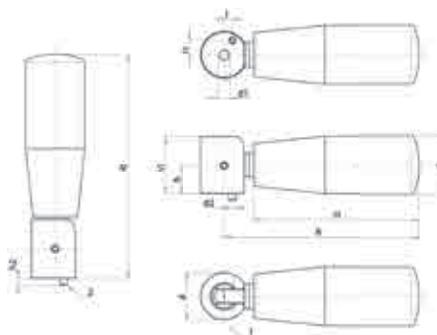
SR 6542  
PA 6



Part Number	Colour	Cap	Dimensions																	Standard Pack Quantity		
			L	R	D	H	h	h1	h2	h3	m	l	A	b	c	d2	d3	d4	dm		d1 6H	Q
1340336	Black	Grey	84.5	68	33	37	25	27	11.5	9	12	24	20	17	10	20	16	4	10	05	16	10
1340337	Black	Grey	84.5	68	33	37	25	27	11.5	9	12	24	20	17	10	20	16	4	10	10	16	10
1340338	Black	Grey	104	86	36	40	28	29	14	12	13	26	24	19	11	22	18	5	12	05	16	10
1340339	Black	Grey	104	86	36	40	28	29	14	12	13	26	24	19	11	22	18	5	12	10	16	10
1340340	Black	Grey	112	86	36	40	28	29	14	12	13	26	24	19	11	22	18	5	12	05	16	10
1340341	Black	Grey	112	86	36	40	28	29	14	12	13	26	24	19	11	22	18	5	12	10	16	10

## Revolving folding hand with stainless steel base

SR 6543  
Stainless Steel



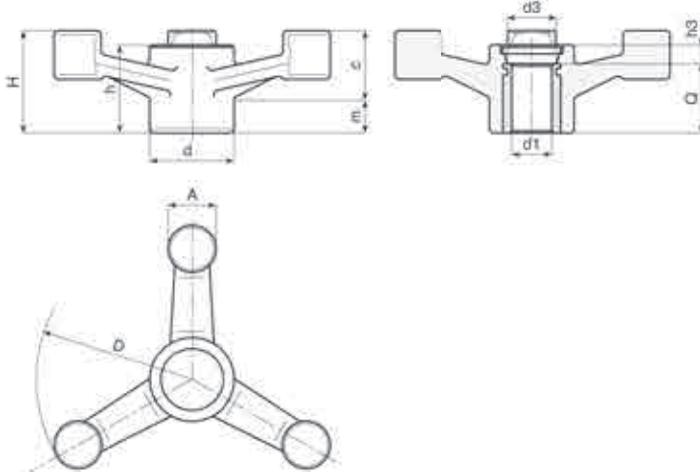
Part Number	Dimensions												Standard Pack Quantity
	H	D	d	R	Ht	h	h1	h2	d1	d2	l	l1	
1340342	70	25	20	82.5	96	12.5	25	3	M 5	3	3.5	6.1	5
1340343	80	25	20	82.5	96	12.5	25	3	M 5	3	3.5	6.1	5

### Three Arm Handwheel

SR 6544

PA

- Reinforced and stabilised polyamide. Oils and grease resistant
- Black RAL 9011 - Central cap Grey polyamide RAL 7035
- A range of colour caps available on custom request

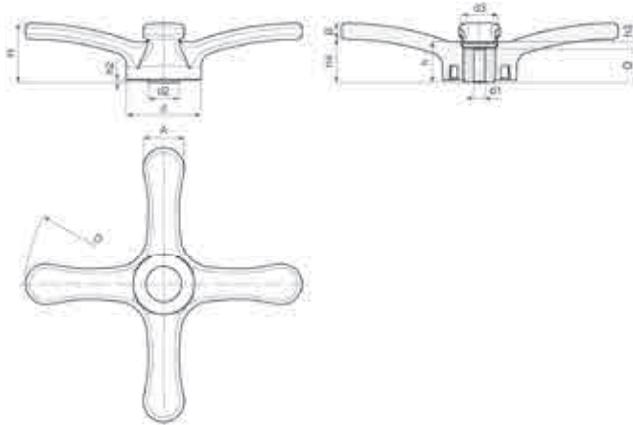


Part Number	Colour	Cap	Dimensions											Standard Pack Quantity
			D	H	h	d	m	c	A	h3	d3	d1 H10	Q	
1340326	Black	Grey	137	45	39.5	38	19	26	22	7.5	26	8	32	1
1340327	Black	Grey	177	56	42.5	38	20	35	23	10.5	26	8	32	1
1340328	Black	Grey	137	45	39.5	38	19	26	22	7.5	26	M 12	32	1
1340329	Black	Grey	177	56	42.5	38	20	35	23	10.5	26	M 16	8.5	1

### Four Arm Handwheel

SR 6545

PA



Part Number	Colour	Cap	Dimensions													Standard Pack Quantity	
			D	H	h	d	d2	A	B	h2	h3	h4	d3	Dm	d1H10		Q
1340330	Black	Grey	308	66	45.5	83	35.5	45.5	20	3	7.5	46	34	26	8	38	1

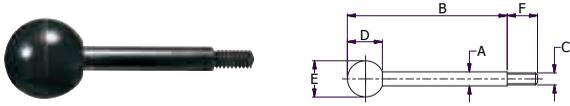
# CONTROL WHEELS

## Shaft with Ball Knob

SR N-0000

Steel

- Shafts are ground and polished with black oxide finish
- Knobs are black plastic with brass inserts



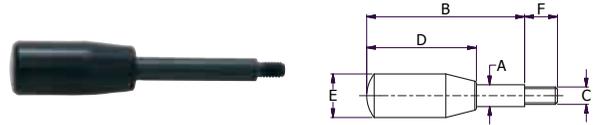
Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
WGL-0	0.32	2.48	M6 x 1.0	0.71	0.79	0.35	10
WGL-5	0.32	3.15	M6 x 1.0	0.71	0.79	0.35	10
WGL-10	0.32	3.94	M6 x 1.0	0.71	0.79	0.35	10
WGL-15	0.39	3.15	M8 x 1.25	0.89	0.98	0.43	10
WGL-20	0.39	3.94	M8 x 1.25	0.89	0.98	0.43	10
WGL-25	0.39	4.92	M8 x 1.25	0.89	0.98	0.43	10
WGL-30	0.47	3.94	M10 x 1.5	1.14	1.26	0.55	10
WGL-35	0.47	4.92	M10 x 1.5	1.14	1.26	0.55	10
WGL-40	0.47	6.30	M10 x 1.5	1.14	1.26	0.55	10
WGL-45	0.55	4.92	M12 x 1.75	1.28	1.38	0.63	10
WGL-50	0.55	6.30	M12 x 1.75	1.28	1.38	0.63	10
WGL-55	0.55	7.87	M12 x 1.75	1.28	1.38	0.63	10
WGL-60	0.63	6.30	M14 x 2.0	1.46	1.57	0.71	10
WGL-70	0.63	9.84	M14 x 2.0	1.46	1.57	0.71	10

## Shaft with Handle

SR N-0001

Steel

- Shafts are ground and polished with black oxide finish
- Knobs are black plastic with brass inserts



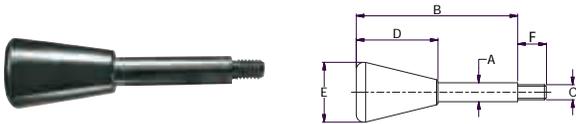
Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
WGL-150	0.32	2.48	M6 x 1.0	1.57	0.71	0.35	10
WGL-155	0.32	3.15	M6 x 1.0	1.57	0.71	0.35	10
WGL-160	0.32	3.94	M6 x 1.0	1.57	0.71	0.35	10
WGL-165	0.39	3.15	M8 x 1.25	1.97	0.83	0.43	10
WGL-170	0.39	3.94	M8 x 1.25	1.97	0.83	0.43	10
WGL-175	0.39	4.92	M8 x 1.25	1.97	0.83	0.43	10
WGL-180	0.47	3.94	M10 x 1.5	2.56	0.91	0.55	10
WGL-185	0.47	4.92	M10 x 1.5	2.56	0.91	0.55	10
WGL-190	0.47	6.30	M10 x 1.5	2.56	0.91	0.55	10
WGL-195	0.55	4.92	M12 x 1.75	3.15	1.02	0.63	10
WGL-200	0.55	6.30	M12 x 1.75	3.15	1.02	0.63	10
WGL-205	0.55	7.87	M12 x 1.75	3.15	1.02	0.63	10
WGL-210	0.63	6.30	M14 x 2.0	3.54	1.10	0.71	10
WGL-220	0.63	9.84	M14 x 2.0	3.54	1.10	0.71	10

## Shaft with Tapered Knob

SR N-0002

Steel

- Shafts are ground and polished with black oxide finish
- Knobs are black plastic with brass inserts

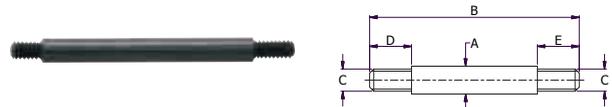


Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
WGL-75	0.32	2.48	M6 x 1.0	1.18	0.79	0.35	10
WGL-80	0.32	3.15	M6 x 1.0	1.18	0.79	0.35	10
WGL-85	0.32	3.94	M6 x 1.0	1.18	0.79	0.35	10
WGL-90	0.39	3.15	M8 x 1.25	1.50	0.98	0.43	10
WGL-95	0.39	3.94	M8 x 1.25	1.50	0.98	0.43	10
WGL-100	0.39	4.92	M8 x 1.25	1.50	0.98	0.43	10
WGL-105	0.47	3.94	M10 x 1.5	1.81	1.18	0.55	10
WGL-115	0.47	6.30	M10 x 1.5	1.81	1.18	0.55	10
WGL-120	0.55	4.92	M12 x 1.75	2.09	1.38	0.63	10
WGL-125	0.55	6.30	M12 x 1.75	2.09	1.38	0.63	10
WGL-130	0.55	7.87	M12 x 1.75	2.09	1.38	0.63	10
WGL-145	0.63	9.84	M14 x 2.0	2.09	1.38	0.71	10

## Shaft

SR N-0003

Steel



Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
GLS-130	0.312	2.5	M6 x 1.0	0.50	0.375	50
GLS-135	0.312	3.5	M6 x 1.0	0.50	0.375	50
GLS-140	0.312	5.0	M6 x 1.0	0.50	0.375	50
GLS-145	0.375	2.5	M8 x 1.25	0.50	0.375	50
GLS-155	0.375	5.0	M8 x 1.25	0.50	0.375	50
GLS-160	0.438	3.0	M10 x 1.5	0.50	0.375	50
GLS-170	0.438	6.0	M10 x 1.5	0.75	0.375	50
GLS-180	0.563	6.0	M12 x 1.75	0.75	0.500	50
GLS-185	0.563	8.0	M12 x 1.75	1.00	0.500	50

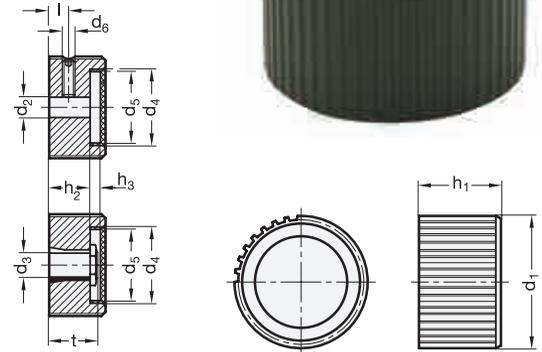
## Control Knobs

SR 6546

Anodized Black

- Made from an aluminium extrusion
- Cover cap with indicator, or logo available on custom design
- Stainless Steel - Grub Screw DIN 916 with internal hexagon and serrated point

Part Number	Dimensions									Standard Pack Quantity
	d1	d2 H8 Bore	d4	d5	d6	h1	h2	h3	t	
1337433	22	B5	16	14	M4	15	9	4.3	-	1
1337434	27	B5	20	18	M4	17	11	4.3	14	1
1337435	34	B8	65	23	M5	20	14	4.2	17	1
1337436	42	B10	32	30	M5	23	17	4	20	1



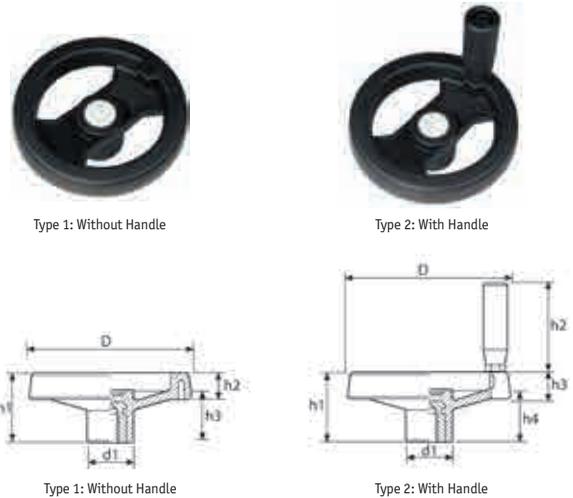
## 2-Spoked Plastic Handwheels

SR 5412

Black High Impact Resistant PA

- Plated steel insert
- Matte black finished
- Resistant to oils and greases

Part Number	Type	Pilot Bore Size (mm)	Maximum Bore Size (mm)	Dimensions					Standard Pack Quantity	
				D	d1	h1	h2	h3		h4
491297	1	5	16	100	28	44	16	33	-	2
491298	1	5	16	130	32	50	20	35	-	2
491299	1	5	20	160	40	56	24	40	-	1
491300	1	5	20	200	50	61	28	40	-	1
491302	2	5	16	100	28	44	56	16	33	2
491303	2	5	16	130	32	50	66	20	35	2
491304	2	5	20	160	40	56	76	24	40	1
491305	2	5	20	200	50	61	76	28	40	1



## Solid Plastic Handwheels

SR 5413

Black High Impact Resistant PA

- Plated steel insert
- Matte black finished
- Resistant to oils and greases

Part Number	Type	Pilot Bore Size (mm)	Maximum Bore Size (mm)	Dimensions					Standard Pack Quantity	
				D	d1	h1	h2	h3		h4
491287	1	8	16	100	30	39	54	21	34	2
491289	1	8	20	150	38	53	76	29	44	2
491291	1	8	20	200	44	61	86	35	51	1
491292	2	8	16	100	30	39	54	21	34	2
491294	2	8	20	150	38	53	98	29	44	2
491296	2	8	20	200	44	61	98	35	51	1



# CONTROL WHEELS

## Metal Control Handwheels

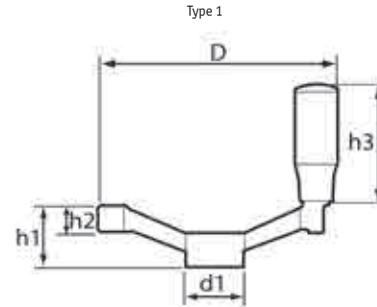
SR 5411

Stainless Steel, Aluminium or Black Coated Steel

- Suited to heavier industrial purposes and outdoor use
- Type 2 & 3: Pressed steel construction
- Supplied for keyway fitting



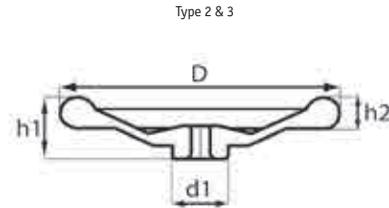
Type 1



Type 1



Type 2



Type 2 & 3



Type 3

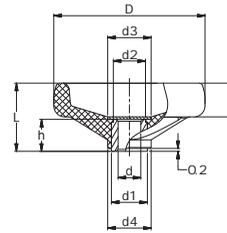
Part Number	Type	Dimensions (mm)						Material	Standard Pack Quantity
		Bore Diameter	D	h1	d1	h2	h3		
491276	1	12	125	33	31	15.0	65	Aluminium	2
491277	1	14	140	36	36	16.5	65	Aluminium	2
491278	1	14	160	39	36	18.0	96	Aluminium	1
491279	1	18	200	45	42	20.5	96	Aluminium	1
491280	2	11	125	31	30	16.0	-	Black Coated Steel	2
491282	2	14	200	42	40	26.0	-	Black Coated Steel	1
491283	2	17	250	47	45	30.0	-	Black Coated Steel	1
491285	3	14	200	41	40	25.0	-	Stainless Steel	1
491286	3	17	250	48	45	30.0	-	Stainless Steel	1

## Two Spoked Technopolymer Handwheels

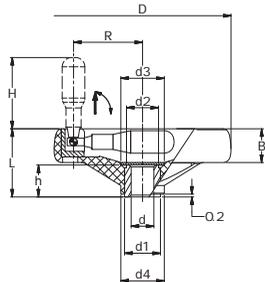
SR 6547

Black PP

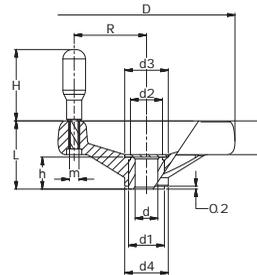
- All Types are Spoked Handwheel with Black-oxide steel boss, H7 reamed hole
- Type 1 - Spoked Handwheel without handle
- Type 2 - Spoked Handwheel with revolving handle
- Type 3 - Spoked Handwheel with fold-away handle



Type 1



Type 3



Type 2



Part Number	Type	Dimensions (mm)							Bore		Weight (Grams)	Standard Pack Quantity
		D	L	B	d1	d2	d3	d4	dH7	h		
1219228	1	80	35	18	18	16	20.5	25	8	17	74	1
1219227	1	80	35	18	18	16	20.5	25	10	17	70	1
1219197	1	99	37	20	18	16	20.5	25.5	12	17	95	1
1219202	1	125	44	22	22	20	26	31	12	22	160	1
1219203	1	125	44	22	22	20	26	31	14	22	155	1
1219207	1	160	51	25	26	24	31	40	14	27	275	1
1219208	1	160	51	25	26	24	31	40	16	27	263	1
1219212	1	200	61	28	30	28	36	50	20	34	430	1
1219216	1	250	69	32	35	33	44	57	24	38	710	1
1219219	1	300	78	35.5	40	37	55	66	20	43	940	1
1219220	1	300	78	35.5	40	37	55	66	26	43	970	1
1219223	1	375	87	39	35	33	70	81	26	43	1350	1

Part Number	Type	Dimensions (mm)							Bore		Handle			Weight (Grams)	Standard Pack Quantity
		D	L	B	d1	d2	d3	d4	dH7	h	H	m	R		
1219224	2	80	35	18	18	16	20.5	23.5	8	17	45	M6	29	104	1
1219194	2	99	37	20	18	16	20.5	25.5	10	17	60	M6	37	145	1
1219198	2	125	44	22	22	20	26	31	12	22	65	M8	48	245	1
1219199	2	125	44	22	22	20	26	31	14	22	65	M8	48	240	1
1219204	2	160	51	25	26	24	31	40	16	27	80	M8	65	339	1
1219209	2	200	61	28	30	28	36	50	20	34	80	M8	84	525	1
1219213	2	250	69	32	35	33	44	57	20	38	90	M10	105	904	1
1219214	2	250	69	32	35	33	44	57	24	38	90	M10	105	888	1
1219217	2	300	78	35.5	40	37	55	66	26	43	90	M10	123	1111	1
1219221	2	375	87	39	35	33	70	81	26	43	90	M10	160	1240	1

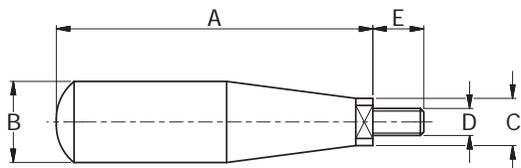
Part Number	Type	Dimensions (mm)							Bore		Handle		Weight (Grams)	Standard Pack Quantity
		D	L	B	d1	d2	d3	d4	dH7	h	H	R		
1219226	3	80	35	18	18	16	20.5	25	8	17	45	29	102	1
1219225	3	80	35	18	18	16	20.5	25	10	17	45	29	98	1
1219195	3	99	37	20	18	16	20.5	25.5	10	17	60	37	163	1
1219196	3	99	37	20	18	16	20.5	25.5	12	17	60	37	155	1
1219200	3	125	44	22	22	20	26	31	12	22	65	48	230	1
1219201	3	125	44	22	22	20	26	31	14	22	65	48	225	1
1219205	3	160	51	25	26	24	31	40	14	27	80	65	388	1
1219206	3	160	51	25	26	24	31	40	16	27	80	65	380	1
1219211	3	200	61	28	30	28	36	50	8	34	80	84	625	1
1219210	3	200	61	28	30	28	36	50	20	34	80	84	560	1
1219215	3	250	69	32	35	33	44	57	24	38	90	105	892	1
1219218	3	300	78	35.5	40	37	55	66	26	43	90	123	1210	1
1219222	3	375	87	39	35	33	70	81	26	43	90	160	1350	1

# CONTROL WHEEL ACCESSORIES

## Revolving – Wrench Flats

SR 6552

Black Thermoplastic

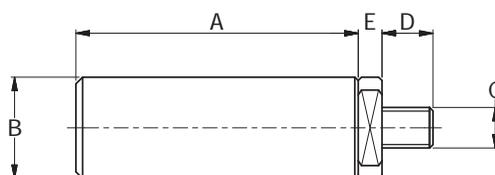


Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
JCL-850	55.0	20.0	12.0	M6 x 1	12.0	10
JCL-855	67.0	23.0	18.0	M8 x 1.25	15.0	10
JCL-860	77.0	25.0	18.0	M8 x 1.25	15.0	10
JCL-865	77.0	25.0	18.0	M10 x 1.5	15.0	10
JCL-870	87.0	27.0	20.0	M10 x 1.5	15.0	10
JCL-875	87.0	27.0	20.0	M12 x 1.75	15.0	10
JCL-880	97.0	29.0	20.0	M10 x 1.5	15.0	10
JCL-885	97.0	29.0	20.0	M12 x 1.75	15.0	10

## Revolving and Folding – Straight

SR 6553

Black Thermoplastic

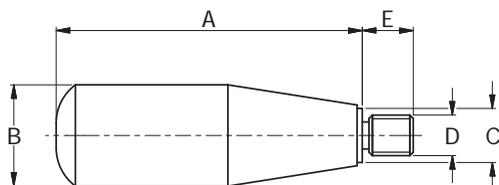


Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
JCL-900	82.0	25.0	M10 x 1.5	17.0	7.5	10
JCL-905	90.0	25.0	M10 x 1.5	17.0	7.5	10

## Revolving – Internal Hex

SR 6554

Black Thermoplastic

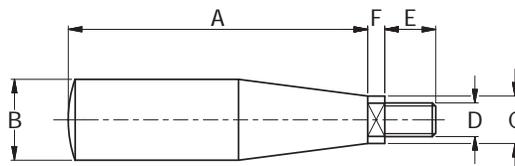


Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	Hex	
JCL-930	52.0	20.0	11.0	M6 x 1	12.0	3.0	10
JCL-935	62.0	23.0	14.0	M6 x 1	15.0	4.0	10
JCL-940	62.0	23.0	14.0	M8 x 1.25	15.0	4.0	10
JCL-945	72.0	25.0	14.0	M8 x 1.25	15.0	4.5	10
JCL-950	72.0	25.0	14.0	M10 x 1.5	15.0	4.5	10
JCL-955	82.0	26.0	14.0	M10 x 1.5	15.0	5.0	10
JCL-960	82.0	26.0	14.0	M12 x 1.75	15.0	5.0	10
JCL-965	92.0	28.0	14.0	M10 x 1.5	15.0	6.0	10
JCL-970	92.0	28.0	14.0	M12 x 1.75	15.0	6.0	10

## Revolving and Folding – Conical

SR 6555

Black Thermoplastic



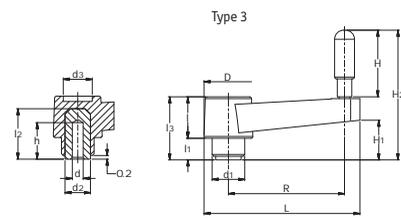
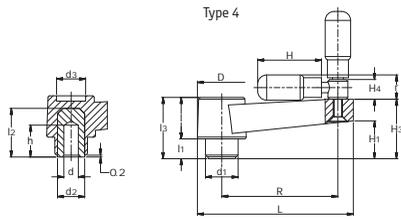
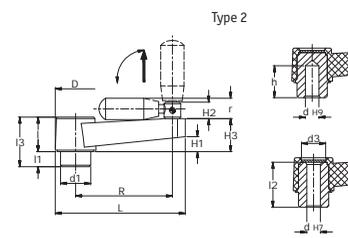
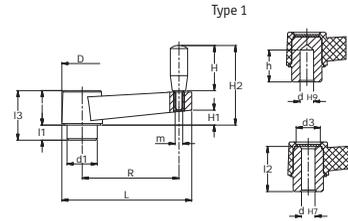
Part Number	Dimensions (mm)						Standard Pack Quantity
	A	B	C	D	E	F	
JCL-890	50.0	20.0	14.0	M6 x 1	9.0	6.0	10
JCL-895	70.0	25.0	20.0	M8 x 1.25	16.0	6.5	10

# Crank Handles with Revolving and Folding Handles

SR 6556

Black PA, matte finish

- Type 1 - Crank handle with revolving handle. Black-oxide steel hub, H9 blind hole or H7 reamed pass-through hole
- Type 2 - Crank handle with fold-away handle. Black-oxide steel hub, H9 blind hole or H7 reamed pass-through hole
- Type 3 - Crank handle with revolving handle. Not removable. Black-oxide steel hub, H9 blind hole
- Type 4 - Crank handle with fold-away handle. Not removable. Black-oxide steel hub, H9 blind hole



Part Number	Type	Dimensions (mm)										Mounting Hole (mm)				Handle		Weight (Grams)	Standard Pack Quantity
		R	L	D	d1	d3	l	l1	l3	H1	H2	dH7	dH9	l2	h	H	m		
1219315	1	50	69	23	16	13	21	10	31	10	49	6	-	28	-	28	-	65	1
1219316	1	64	86	27	18	16	23	10	33	10	63	-	6	29	18	40	M6	100	1
1219317	1	64	86	27	18	16	23	10	33	10	63	8	-	29	-	40	M6	95	1
1219319	1	80	105	30	22	17	26	10	36	13	76	-	6	32	26	50	M6	145	1
1219322	1	80	105	30	22	17	26	10	36	13	76	10	-	32	-	50	M6	130	1
1219297	1	100	128	34	24	21	30	10	40	15	96	-	8	37	28	65	M8	240	1
1219300	1	100	128	34	24	21	30	10	40	15	96	12	-	37	-	65	M8	225	1
1219302	1	130	162	40	28	25	35	14	49	20	115	-	10	44	30	80	M8	345	1
1219305	1	130	162	40	28	25	35	14	49	20	115	14	-	44	-	80	M8	310	1
1219308	1	160	198	45	34	27	40	15	55	23	130	-	10	49	30	90	M10	495	1
1219311	1	160	198	45	34	27	40	15	55	23	130	16	-	49	-	90	M10	435	1
1219313	1	212	252	50	40	31	45	15	60	26	136	-	12	53	30	90	M10	705	1

Part Number	Type	Dimensions (mm)										Mounting Hole (mm)				Handle		Weight (Grams)	Standard Pack Quantity	
		R	L	D	d1	d3	l	l1	l3	H1	H3	r	dH7	dH9	l2	h	H			H2
1219320	2	80	105	30	22	17	26	10	36	13	27	19	-	6	32	26	56	15	177	1
1219321	2	80	105	30	22	17	26	10	36	13	27	19	10	-	32	-	56	15	163	1
1219298	2	100	128	34	24	21	30	10	40	15	31	22	-	8	37	28	65	20	285	1
1219299	2	100	128	34	24	21	30	10	40	15	31	22	12	-	37	-	65	20	265	1
1219303	2	130	162	40	28	25	35	14	49	20	35	22	-	10	44	30	65	20	385	1
1219304	2	130	162	40	28	25	35	14	49	20	35	22	14	-	44	-	65	20	340	1
1219309	2	160	198	45	34	27	40	15	55	23	40	24	-	10	49	30	80	20	525	1
1219310	2	160	198	45	34	27	40	15	55	23	40	24	16	-	49	-	80	20	473	1
1219314	2	212	252	50	40	31	45	15	60	26	46	27	-	12	53	30	90	23	840	1

Part Number	Type	Dimensions (mm)										Mounting Hole (mm)		Handle		Weight (Grams)	Standard Pack Quantity	
		R	L	D	d1	d3	l	l1	l3	d2	l2	H1	H2	dH9	h			H
1219323	3	80	106	30	24	17	26	11	37	18	31	23.5	99	10	25	60	118	1
1219301	3	100	128	33.5	24	21	30.5	10	40.5	18	31	25	106	12	24	65	190	1
1219306	3	130	162	39	34	25	35	14	49	26	43	32.5	113	14	30	65	335	1
1219312	3	160	197	44	34.5	27	39.5	15	54.5	26	43	36	136	16	30	80	375	1

Part Number	Type	Dimensions (mm)										Mounting Hole (mm)		Handle			Weight (Grams)	Standard Pack Quantity		
		R	L	D	d1	d3	l	l1	l3	d2	l2	H1	H3	dH9	h	H			H4	r
1219318	4	64	86	26.5	20	16	22.5	9	31.5	15	25	17.5	31	8	20	45	14	16	89	1
1219307	4	130	162	39	34	25	35	14	49	26	43	34	49	14	30	65	18.5	20.5	330	1

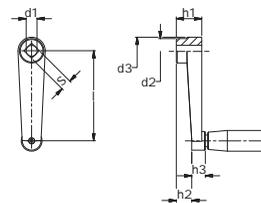
# CLAMPING HANDLES

## Cranked Handle

SR 6557

Black powder coated Aluminium

- The handle is revolving
- Type 1: Tolerance class H7 for Bore
- Type 2: Tolerance class H11 for Square Hole

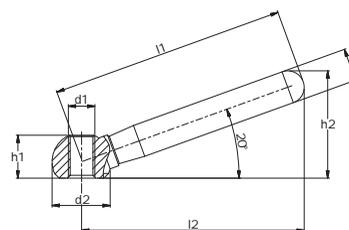


Part Number	Type	Dimensions (mm)									Standard Pack Quantity
		d1 H7 Bore	sH 11 Square	Length L	d2	d3	h1	h2~	h3	Ø Handle	
1220666	1	B10	-	80	23	26	24	14	14	21	1
1220667	2	-	V10	80	23	26	24	14	14	21	1
1220668	1	B12	-	100	27	30	28	17	15	23	1
1220669	2	-	V12	100	27	30	28	17	15	23	1
1220670	1	B14	-	125	32	35	34	22	18	26	1
1220671	2	-	V14	125	32	35	34	22	18	26	1
1220672	1	B17	-	160	35	39	38	26	18	26	1
1220673	2	-	V17	160	35	39	38	26	18	26	1

## Clamp Nuts

SR 6558

- The shaft is butt-welded to the nut
- Type 1: Zinc Plated blue passivated steel
- Type 2: Matte shot-blasted stainless steel AISI 304

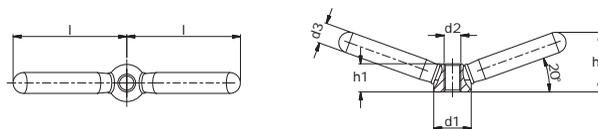
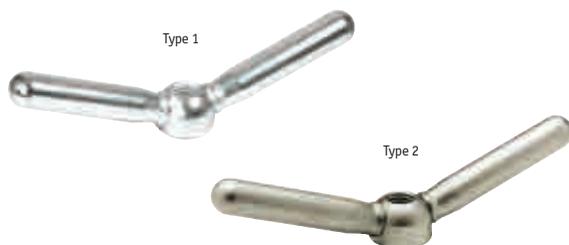


Part Number	Type	Dimensions (mm)								Standard Pack Quantity
		l1	d1	d2	d3	h1	h2 ≈	l2 ≈		
1220674	1	63	M8	16	10	12.5	30.5	60	5	
1220675	1	80	M10	20	12	15	37	76	5	
1220676	1	100	M12	25	14	19	46	95	5	
1220677	1	125	M16	32	18	25	58.5	119	5	
1220678	1	160	M20	40	20	31	73	152	5	
1220679	2	63	M8	16	10	12.5	30.5	60	5	
1220680	2	80	M10	20	12	15	37	76	5	
1220681	2	100	M12	25	14	19	46	95	5	
1220682	2	125	M16	32	18	25	58.5	119	5	
1220683	2	160	M20	40	20	31	73	152	5	

## Clamp Nuts with Double Lever

SR 6559

- Two levers allow the clamping operation to be realized with both hands to achieve a higher clamping force
- The shaft is butt-welded to the nut
- Type 1: Zinc Plated blue passivated steel
- Type 2: Matte shot-blasted stainless steel AISI 304



Part Number	Type	Dimensions (mm)						Standard Pack Quantity
		d1	d2	d3	h1	h2 ≈	Length l ≈	
1220684	1	16	M8	10	12.5	26	47.5	5
1220685	1	20	M10	12	15	32	59.5	5
1220686	1	25	M12	14	19	40	75.5	5
1220687	1	32	M16	18	25	52	94.5	5
1220688	1	40	M20	20	31	62	118	5
1220689	2	16	M8	10	12.5	26	47.5	5
1220690	2	20	M10	12	15	32	59.5	5
1220691	2	25	M12	14	19	40	75.5	5
1220692	2	32	M16	18	25	52	94.5	5
1220693	2	40	M20	20	31	62	118	5

## Indexed Clamping Handles

SR 1536

Glass Filled PA 6

- Operate by simple lift and rotate action
- Include ratchet for use in tight spaces
- Easy handle adjustment to safe position

### Female –Black

Part Number	Dimensions (mm)				Thread	Standard Pack Quantity
	L	h	d	H		
466295	43	26	12	32	M5	10
466296	43	26	12	32	M6	10
466297	65	37	15	46	M6	10
466298	65	37	15	46	M8	10
466299	83	46	19	57	M10	10
466300	104	51	24	68	M12	10

### Male –Black

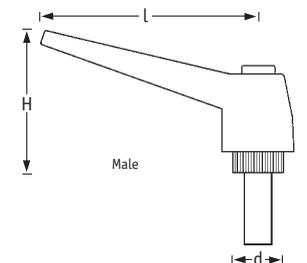
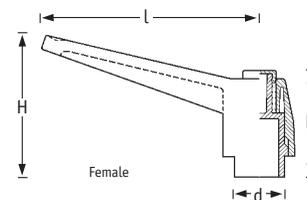
Part Number	Dimensions (mm)				Thread	Thread Length (mm)	Standard Pack Quantity
	L	h	d	H			
466672	43	26	12	32	M5	10	
466673	43	26	12	32	M5	15	
466301	43	26	12	32	M5	20	
466674	43	26	12	32	M5	25	
466675	43	26	12	32	M6	10	
466676	43	26	12	32	M6	15	
466302	43	26	12	32	M6	20	
466677	43	26	12	32	M6	25	
466420	65	37	15	46	M8	10	
466421	65	37	15	46	M8	16	
466303	65	37	15	46	M8	30	
466304	65	37	15	46	M8	40	
466422	65	37	15	46	M8	45	
466680	83	46	19	57	M10	20	
466305	83	46	19	57	M10	30	
466306	83	46	19	57	M10	40	
466682	83	46	19	57	M10	50	
466423	104	51	24	68	M12	20	
466307	104	51	24	68	M12	35	
466424	104	51	24	68	M12	50	

### Female –High Visibility Orange

Part Number	Dimensions (mm)				Thread	Standard Pack Quantity
	L	h	d	H		
465999	43	26	12	32	M5	10
466000	43	26	12	32	M6	10
466001	65	37	15	46	M6	10
466002	65	37	15	46	M8	10
466003	83	46	19	57	M10	10
466004	104	51	24	68	M12	10

### Male –Black

Part Number	Dimensions (mm)				Thread	Thread Length (mm)	Standard Pack Quantity
	L	h	d	H			
466005	43	26	12	32	M5	20	
466006	43	26	12	32	M6	20	
466007	65	37	15	46	M8	30	
466008	65	37	15	46	M8	40	
466009	83	46	19	57	M10	30	
466010	83	46	19	57	M10	40	
466011	104	51	24	68	M12	35	



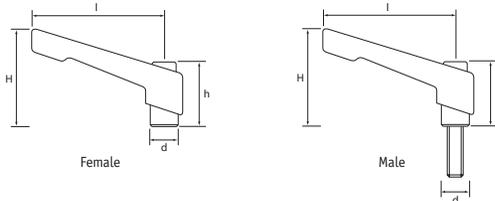
# CLAMPING HANDLES

## Heavy Duty Clamping Handles

SR 1536

Die-Cast Zinc

- Handle made from pressure die-cast zinc
- Plastic coated handle
- Operate by simple lift and rotate action
- Available with zinc plated or 304 stainless steel thread



Female

Part Number	Stainless Steel Thread	Dimensions (mm)				Thread Size	Standard Pack Quantity
		L	h	d	H		
490918	-	42	25.0	9.7	37	M5	10
490919	493877	42	25.0	9.7	37	M6	10
490920	493878	65	31.5	13.5	50	M6	10
490921	493879	65	31.5	13.5	50	M8	10
490922	493880	78	36.0	15.7	58	M8	10
490923	493881	78	36.0	15.7	58	M10	10
490924	493882	92	43.0	18.5	69	M10	10
490925	493883	92	43.0	18.5	69	M12	10
490926	-	108	51.0	22.7	79	M12	10
490927	-	108	51.0	22.7	79	M16	10

Male

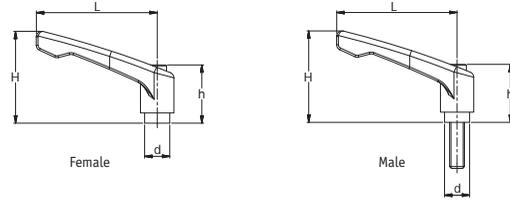
Part Number	Stainless Steel Thread	Dimensions (mm)				Thread Size	Thread Length (mm)	Standard Pack Quantity
		L	h	d	H			
490928	493884	42	25.0	9.7	37	M6	20	10
490929	493885	42	25.0	9.7	37	M6	32	10
490930	-	42	25.0	9.7	37	M6	40	10
490931	-	65	31.5	13.5	50	M8	16	10
490932	493886	65	31.5	13.5	50	M8	20	10
490933	493887	65	31.5	13.5	50	M8	25	10
490934	493888	65	31.5	13.5	50	M8	32	10
490935	-	65	31.5	13.5	50	M8	40	10
490936	493890	65	31.5	13.5	50	M8	50	10
490937	493891	78	36.0	15.7	58	M10	20	10
490938	493892	78	36.0	15.7	58	M10	32	10
490939	493893	78	36.0	15.7	58	M10	40	10
490940	-	78	36.0	15.7	58	M10	50	10
490941	-	78	36.0	15.7	58	M10	63	10
490942	-	92	43.0	18.5	69	M12	25	10
490943	493894	92	43.0	18.5	69	M12	32	10
490944	493895	92	43.0	18.5	69	M12	40	10
-	493896	92	43.0	18.5	69	M12	50	10
490945	-	92	43.0	18.5	69	M12	63	10
-	493897	108	51.0	22.7	79	M12	63	10
490946	-	108	51.0	22.7	79	M16	40	10

## Heavy Duty Clamping Handles – Stainless Steel

SR 5486

Stainless Steel

- Entire component made from stainless steel
- Operate by simple lift and rotate action
- Ideal for the medical, pharmaceutical and food preparation industries
- For heavy duty applications



Female

Part Number	Dimensions (mm)				Thread Size	Standard Pack Quantity
	L	h	d	H		
498489	42	25.0	9.7	37	M5	10
498490	42	25.0	9.7	37	M6	10
498491	65	31.5	13.5	50	M6	10
498492	65	31.5	13.5	50	M8	10
498493	78	36.0	15.7	58	M8	10
498494	78	36.0	15.7	58	M10	10
498495	92	43.0	18.5	69	M10	10
498496	92	43.0	18.5	69	M12	10
498497	108	51.0	22.7	79	M12	10
498498	108	51.0	22.7	79	M16	10

Male

Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity	
		Thread Length	L	h	d		H
498499	M6	42	25.0	9.7	37	20	10
498500	M6	42	25.0	9.7	37	32	10
498501	M6	42	25.0	9.7	37	40	10
498502	M8	65	31.5	13.5	50	16	10
498504	M8	65	31.5	13.5	50	25	10
498505	M8	65	31.5	13.5	50	32	10
498506	M8	65	31.5	13.5	50	40	10
498507	M8	65	31.5	13.5	50	50	10
498508	M10	78	36.0	15.7	58	20	10
498509	M10	78	36.0	15.7	58	32	10
498510	M10	78	36.0	15.7	58	40	10
498511	M10	78	36.0	15.7	58	50	10
498514	M12	92	43.0	18.5	69	32	10
498515	M12	92	43.0	18.5	69	40	10
498519	M16	108	51.0	22.7	79	40	10

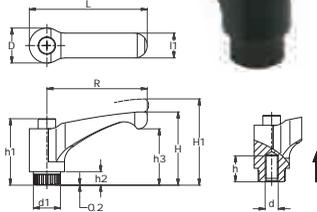
## Adjustable Handles with Threaded Hole or Threaded Stud

### SR 6561

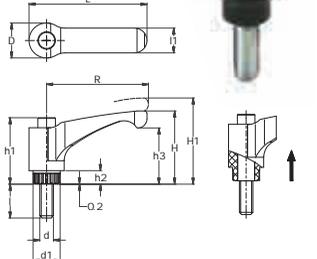
- Material - Lever body is made from Glass-fibre reinforced polyamide based (PA) technopolymer. The push button is made from Technopolymer in Ergostyle colours, glossy finish
- Handle Colour - Grey-black, matte finish
- Both Types have a glass-fibre reinforced technopolymer clamping element with retaining pin, black colour, with knurling on the protruding part to make initial tightening easier. AISI 302 stainless steel return spring
- Type 1 - Adjustable Handle with brass boss, threaded blind hole
- Type 2 - Adjustable Handle with zinc-plated steel threaded stud, chamfered flat end UNI 947: ISO 4753



Type 1



Type 2



Part Number	Type	Colour of Push Button	Dimensions (mm)										Mounting Hole		Teeth No.	Weight (Grams)	Standard Pack Quantity
			R	L	D	H	H1	h1	h2	h3	d1	l1	d6H	h			
1219229	1	Black	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M3	10	18	8	10
1219230	1	Orange	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M3	10	18	8	10
1219231	1	Grey	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M3	10	18	8	10
1219232	1	Red	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M3	10	18	8	10
1219233	1	Black	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M4	10	18	8	10
1219234	1	Orange	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M4	10	18	8	10
1219235	1	Grey	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M4	10	18	8	10
1219236	1	Red	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M4	10	18	8	10
1219249	1	Black	44	52	15.5	32.5	36	29.5	6	25	12	11	M5	10	18	10	10
1219250	1	Orange	44	52	15.5	32.5	36	29.5	6	25	12	11	M5	10	18	10	10
1219251	1	Grey	44	52	15.5	32.5	36	29.5	6	25	12	11	M5	10	18	10	10
1219252	1	Red	44	52	15.5	32.5	36	29.5	6	25	12	11	M5	10	18	10	10
1219253	1	Black	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	10	10
1219254	1	Orange	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	10	10
1219255	1	Grey	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	10	10
1219256	1	Red	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	10	10
1219273	1	Black	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	13	20	20	10
1219274	1	Orange	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	13	20	20	10
1219275	1	Grey	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	13	20	20	10
1219276	1	Red	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	13	20	20	10

Part Number	Type	Colour of Push Button	Dimensions (mm)										Threaded Stud		Teeth No.	Weight (Grams)	Standard Pack Quantity
			R	L	D	H	H1	h1	h2	h3	d1	l1	d6g	l			
1219237	2	Black	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	10	18	6	10
1219238	2	Orange	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	10	18	6	10
1219239	2	Grey	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	10	18	6	10
1219240	2	Red	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	10	18	6	10
1219241	2	Black	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	16	18	6	10
1219242	2	Orange	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	16	18	6	10
1219243	2	Grey	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	16	18	6	10
1219244	2	Red	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	16	18	6	10
1219245	2	Black	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	20	18	7	10
1219246	2	Orange	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	20	18	7	10
1219247	2	Grey	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	20	18	7	10
1219248	2	Red	30	37.5	15.5	30	33.5	29.5	6	23	12	9	M5	20	18	7	10
1219257	2	Black	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	13	10
1219258	2	Orange	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	13	10
1219259	2	Grey	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	13	10
1219260	2	Red	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	10	18	13	10
1219261	2	Black	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	16	18	14	10
1219262	2	Orange	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	16	18	14	10
1219263	2	Grey	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	16	18	14	10
1219264	2	Red	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	16	18	14	10
1219265	2	Black	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	20	18	15	10
1219266	2	Orange	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	20	18	15	10
1219267	2	Grey	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	20	18	15	10
1219268	2	Red	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	20	18	15	10
1219269	2	Black	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	30	18	17	10
1219270	2	Orange	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	30	18	17	10
1219271	2	Grey	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	30	18	17	10
1219272	2	Red	44	52	15.5	32.5	36	29.5	6	25	12	11	M6	30	18	17	10
1219277	2	Black	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	16	20	32	10
1219278	2	Orange	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	16	20	32	10
1219279	2	Grey	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	16	20	32	10
1219280	2	Red	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	16	20	32	10
1219281	2	Black	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	20	20	32	10
1219282	2	Orange	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	20	20	32	10
1219283	2	Grey	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	20	20	32	10
1219284	2	Red	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	20	20	32	10
1219285	2	Black	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	25	20	34	10
1219286	2	Orange	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	25	20	34	10
1219287	2	Grey	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	25	20	34	10
1219288	2	Red	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	25	20	34	10
1219289	2	Black	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	30	20	36	10
1219290	2	Orange	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	30	20	36	10
1219291	2	Grey	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	30	20	36	10
1219292	2	Red	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	30	20	36	10
1219293	2	Black	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	40	20	40	10
1219294	2	Orange	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	40	20	40	10
1219295	2	Grey	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	40	20	40	10
1219296	2	Red	63	73.5	19	43	47	37.5	8	34.5	15	13.5	M8	40	20	40	10

# CLAMPING HANDLES

## Cam Clamp Levers with and without Adjustable Ring-Nut

SR 6562

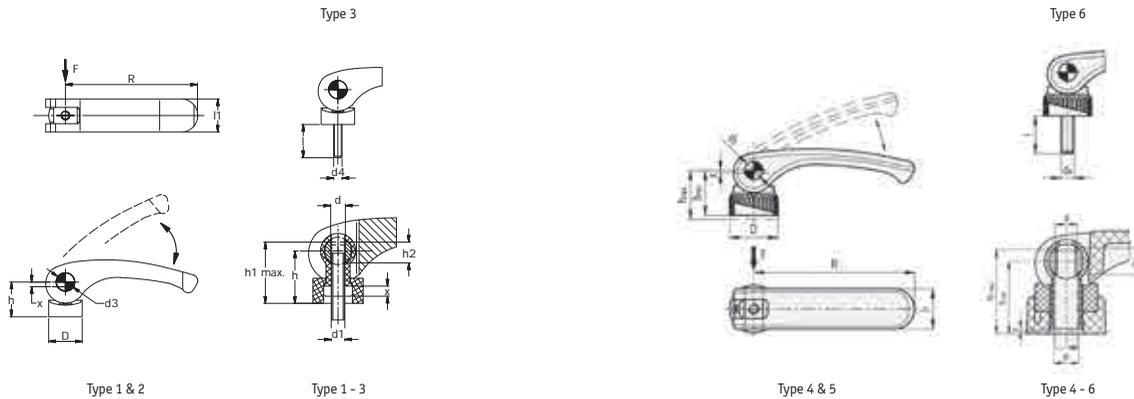


Type 1 - 3



Type 4 - 6

- Cam lever body - Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish
- Type 1: Positioning without adjustable ring-nut, rotating pin with zinc-plated steel threaded hole
- Type 2: Positioning without adjustable ring-nut, rotating pin with AISI 303 stainless steel threaded hole
- Type 3: Positioning without adjustable ring-nut, rotating pin with zinc-plated steel threaded stud, chamfered flat end UNI 947: ISO 4753
- Type 4: Positioning with adjustable ring-nut, rotating pin with zinc-plated steel threaded hole
- Type 5: Positioning with adjustable ring-nut, rotating pin with AISI 303 stainless steel threaded hole
- Type 6: Positioning with adjustable ring-nut, rotating pin with threaded stud in zinc-plated steel, chamfered flat end UNI 947: ISO 4753



Type 1 & 2

Type 1 - 3

Type 4 & 5

Type 4 - 6

Part Number	Type	Dimensions (mm)													Pull Force		Weight (Grams)	Standard Pack Quantity
		R	l1	D	d	h	x	h1max	h2	d1	d3	d4	l	Fmax [N]				
1219324	1	63	18	18	M6	18	0.75	20	4	6.1	9	-	-	4000	23	1		
1219328	1	79	20	20	M8	21	1	25.5	7	8.1	11	-	-	7000	32	1		
1219327	2	63	18	18	M6	18	0.75	20	4	6.1	9	-	-	4000	23	1		
1219331	2	79	20	20	M8	21	1	25.5	7	8.1	11	-	-	7000	32	1		
1219325	3	63	18	18	M6	18	0.75	-	-	6.1	9	M6	25	4000	33	1		
1219326	3	63	18	18	M6	18	0.75	-	-	6.1	9	M6	50	4000	42	1		
1219329	3	79	20	20	M8	21	1	-	-	8.1	11	M8	25	7000	46	1		
1219330	3	79	20	20	M8	21	1	-	-	8.1	11	M8	50	7000	55	1		

Part Number	Type	Dimensions (mm)													Pull Force		Weight (Grams)	Standard Pack Quantity
		R	l1	D	d	hmin	hmax	x	h1max	h2	d1	d3	d4	l	Fmax [N]			
1219332	4	63	18	21	M6	22.5	24	0.75	26	4	6.1	9	-	-	4000	25	1	
1219338	4	79	20	25	M8	26.5	28	1	32.5	7	8.1	11	-	-	7000	39	1	
1219335	5	63	18	21	M6	22.5	24	0.75	26	4	6.1	9	-	-	4000	25	1	
1219339	5	79	20	25	M8	26.5	28	1	32.5	7	8.1	11	-	-	7000	39	1	
1219333	6	63	18	21	M6	22.5	24	0.75	-	-	6.1	9	M6	25	4000	35	1	
1219334	6	63	18	21	M6	22.5	24	0.75	-	-	6.1	9	M6	50	4000	44	1	
1219336	6	79	20	25	M8	26.5	28	1	-	-	8.1	11	M8	25	7000	53	1	
1219337	6	79	20	25	M8	26.5	28	1	-	-	8.1	11	M8	50	7000	62	1	

## Open Handled Clamp Lever

SR 1536

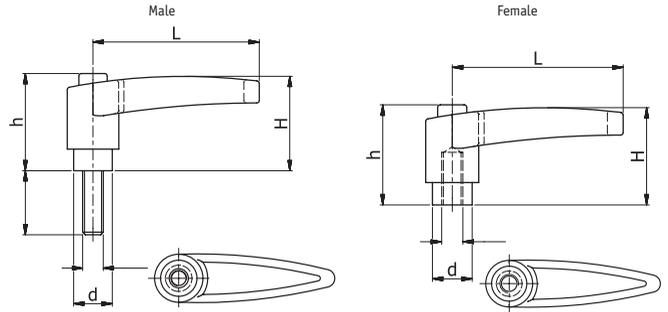
Black Glass Filled PA

- Open handle design to stop dust collection
- Low profile handle for use in limited space applications



### Male

Part Number	Dimensions (mm)				Thread Size	Thread Length (mm)	Standard Pack Quantity
	L	h	d	H			
496352	43	29	12	28	M4	10	10
496353	43	29	12	28	M5	20	10
496355	43	29	12	28	M6	10	10
496356	43	29	12 <td>28</td> <td>M6</td> <td>20</td> <td>10</td>	28	M6	20	10
496357	43	29	12	28	M6	30	10
496360	64.5	38	15	37	M8	15	10
496361	64.5	38	15	37	M8	20	10
496362	64.5	38	15	37	M8	25	10
496363	64.5	38	15	37	M8	30	10
496364	64.5	38	15	37	M8	40	10
496367	79.5	47	18.5	45	M10	20	10
496368	79.5	47	18.5	45	M10	30	10
496369	79.5	47	18.5	45	M10	40	10
496370	79.5	47	18.5	45	M10	50	10
496372	79.5	47	18.5	45	M12	30	10
496373	79.5	47	18.5	45	M12	50	10



### Female

Part Number	Dimensions (mm)				Thread Size	Standard Pack Quantity
	L	h	d	H		
496354	43	29	12	28	M5	10
496358	43	29	12	28	M6	10
496359	64.5	38	15	37	M6	10
496365	64.5	38	15	37	M8	10
496366	79.5	47	18.5	45	M8	10
496371	79.5	47	18.5	45	M10	10

## Reinforced Clamping Handles

SR 1536

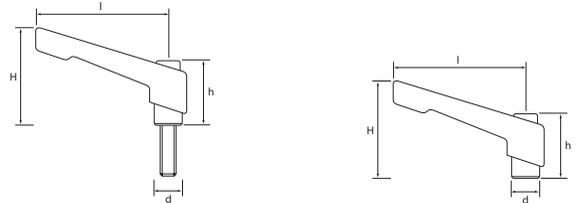
Black 6 Glass Filled

- Zinc Teeth Insert
- Indexing Parts & Thread from Steel



### Male

Part Number	Dimensions (mm)				Thread Size	Thread Length (mm)	Standard Pack Quantity
	L	h	d	H			
490954	42	25.0	9.7	37	M4	12	10
490955	42	25.0	9.7	37	M5	20	10
490956	42	25.0	9.7	37	M6	16	10
490957	42	25.0	9.7	37	M6	20	10
490958	42	25.0	9.7	37	M6	32	10
490959	65	31.5	13.5	50	M8	16	10
490960	65	31.5	13.5	50	M8	20	10
490961	65	31.5	13.5	50	M8	25	10
490962	65	31.5	13.5	50	M8	32	10
490963	65	31.5	13.5	50	M8	40	10
490964	84	36.0	15.7	61	M10	20	10
490965	84	36.0	15.7	61	M10	32	10
490966	84	36.0	15.7	61	M10	40	10
490967	84	36.0	15.7	61	M10	50	10
490968	84	36.0	15.7	61	M12	50	10



### Female

Part Number	Dimensions (mm)				Thread Size	Standard Pack Quantity
	L	h	d	H		
490947	42	25.0	9.7	37	M5	10
490948	42	25.0	9.7	37	M6	10
490949	65	31.5	13.5	50	M6	10
490950	65	31.5	13.5	50	M8	10
490951	84	36.0	15.7	61	M8	10
490952	84	36.0	15.7	61	M10	10
490953	84	36.0	15.7	61	M12	10

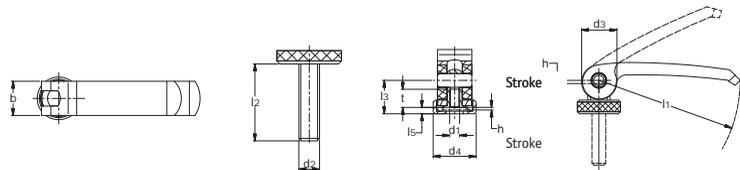
# CLAMPING HANDLES

## Clamping Levers with Eccentric Cam

SR 6563

Black powder coated Die Cast Zinc

- Clamping Levers with Eccentric Cam with Stainless Steel threaded stud are used for rapid clamping and releasing
- The lever has been designed to ensure that its movement cannot exceed the maximum clamping force
- The distance between the lever cam and the clamping surface is adjustable via a fine pitch thread, allowing the clamping position to be set easily with maximum clamping force



Part Number	Dimensions (mm)											Standard Pack Quantity
	l1	d2	l2 in clamping position	b	d3	d4	h stroke at 90° lever movement	l3 in clamping position min.	max.	l5 in clamping position	t useable thread length	
1220710	63	M5	16	16	16	19	0.75	16.3	18.8	16.3	10	2
1220711	63	M5	20	16	16	19	0.75	16.3	18.8	16.3	10	2
1220712	63	M5	25	16	16	19	0.75	16.3	18.8	16.3	10	2
1220713	63	M5	30	16	16	19	0.75	16.3	18.8	16.3	10	2
1220714	63	M5	35	16	16	19	0.75	16.3	18.8	16.3	10	2
1220715	63	M5	40	16	16	19	0.75	16.3	18.8	16.3	10	2
1220716	63	M5	50	16	16	19	0.75	16.3	18.8	16.3	10	2
1220717	63	M5 - female	-	16	16	19	0.75	16.3	18.8	16.3	10	2
1220718	63	M6	16	16	16	19	0.75	16.3	18.8	16.3	10	2
1220719	63	M6	20	16	16	19	0.75	16.3	18.8	16.3	10	2
1220720	63	M6	25	16	16	19	0.75	16.3	18.8	16.3	10	2
1220721	63	M6	30	16	16	19	0.75	16.3	18.8	16.3	10	2
1220722	63	M6	35	16	16	19	0.75	16.3	18.8	16.3	10	2
1220723	63	M6	40	16	16	19	0.75	16.3	18.8	16.3	10	2
1220724	63	M6	50	16	16	19	0.75	16.3	18.8	16.3	10	2
1220725	63	M6 - female	-	16	16	19	0.75	16.3	18.8	16.3	10	2
1220726	82	M6	20	20	20	25	1	19.5	22.5	19.5	12	2
1220727	82	M6	25	20	20	25	1	19.5	22.5	19.5	12	2
1220728	82	M6	30	20	20	25	1	19.5	22.5	19.5	12	2
1220729	82	M6	35	20	20	25	1	19.5	22.5	19.5	12	2
1220730	82	M6	40	20	20	25	1	19.5	22.5	19.5	12	2
1220731	82	M6	50	20	20	25	1	19.5	22.5	19.5	12	2
1220732	82	M6	60	20	20	25	1	19.5	22.5	19.5	12	2
1220733	82	M6 - female	-	20	20	25	1	19.5	22.5	19.5	12	2
1220734	82	M8	20	20	20	25	1	19.5	22.5	19.5	12	2
1220735	82	M8	25	20	20	25	1	19.5	22.5	19.5	12	2
1220736	82	M8	30	20	20	25	1	19.5	22.5	19.5	12	2
1220737	82	M8	35	20	20	25	1	19.5	22.5	19.5	12	2
1220738	82	M8	40	20	20	25	1	19.5	22.5	19.5	12	2
1220739	82	M8	50	20	20	25	1	19.5	22.5	19.5	12	2
1220740	82	M8	60	20	20	25	1	19.5	22.5	19.5	12	2
1220741	82	M8 - female	-	20	20	25	1	19.5	22.5	19.5	12	2
1220702	101	M8	20	25	26	30	1.5	25.3	29.3	25.3	15	2
1220703	101	M8	25	25	26	30	1.5	25.3	29.3	25.3	15	2
1220704	101	M8	30	25	26	30	1.5	25.3	29.3	25.3	15	2
1220705	101	M8	35	25	26	30	1.5	25.3	29.3	25.3	15	2
1220706	101	M8	40	25	26	30	1.5	25.3	29.3	25.3	15	2
1220707	101	M8	50	25	26	30	1.5	25.3	29.3	25.3	15	2
1220708	101	M8	60	25	26	30	1.5	25.3	29.3	25.3	15	2
1220709	101	M8 - female	-	25	26	30	1.5	25.3	29.3	25.3	15	2
1220694	101	M10	20	25	26	30	1.5	25.3	29.3	25.3	15	2
1220695	101	M10	25	25	26	30	1.5	25.3	29.3	25.3	15	2
1220696	101	M10	30	25	26	30	1.5	25.3	29.3	25.3	15	2
1220697	101	M10	35	25	26	30	1.5	25.3	29.3	25.3	15	2
1220698	101	M10	40	25	26	30	1.5	25.3	29.3	25.3	15	2
1220699	101	M10	50	25	26	30	1.5	25.3	29.3	25.3	15	2
1220700	101	M10	60	25	26	30	1.5	25.3	29.3	25.3	15	2
1220701	101	M10 - female	-	25	26	30	1.5	25.3	29.3	25.3	15	2

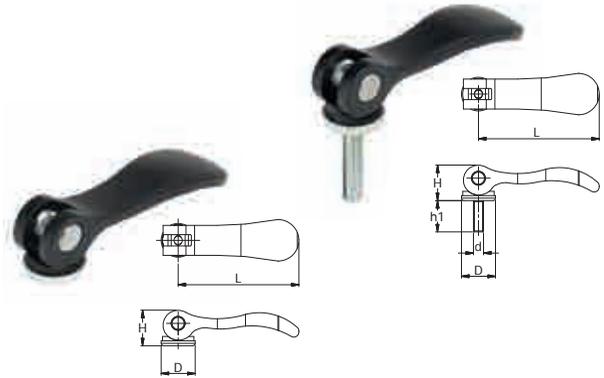
## Aluminium Cam Levers

SR 5493

Aluminium

Part Number	Type	Dimensions (mm)					Std Pack Qty
		Thread Size	L	H	h1	D	
KCL-14	Female	M5 x 0.80	70.4	22.0	-	18.0	10
KCL-16	Female	M6 x 1.00	70.4	22.0	-	18.0	10
KCL-18	Female	M8 x 1.25	96.0	28.5	-	27.0	10
KCL-90	Male	M5 x 0.80	70.4	22.0	20.0	18.0	10
KCL-94	Male	M5 x 0.80	70.4	22.0	40.0	18.0	10
KCL-98	Male	M6 x 1.00	70.4	22.0	20.0	18.0	10
KCL-100	Male	M6 x 1.00	70.4	22.0	30.0	18.0	10
KCL-102	Male	M6 x 1.00	70.4	22.0	40.0	18.0	10
KCL-104	Male	M6 x 1.00	70.4	22.0	50.0	18.0	10
KCL-106	Male	M8 x 1.25	96.0	28.5	25.0	27.0	10
KCL-108	Male	M8 x 1.25	96.0	28.5	30.0	27.0	10
KCL-110	Male	M8 x 1.25	96.0	28.5	40.0	27.0	10
KCL-112	Male	M8 x 1.25	96.0	28.5	50.0	27.0	10
KCL-114	Male	M10 x 1.50	96.0	28.5	25.0	27.0	10
KCL-116	Male	M10 x 1.50	96.0	28.5	30.0	27.0	10
KCL-118	Male	M10 x 1.50	96.0	28.5	40.0	27.0	10
KCL-120	Male	M10 x 1.50	96.0	28.5	50.0	27.0	10

- Cast aluminium cam handle with a fibreglass reinforced plastic washer
- Cam Lever handles allow for quick fastening and unfastening without the use of tools
- Threaded internally



## Index Plunger – with or without 90° Locking Rest Position

SR 5405

Knob: High Impact Resistant Thermoplastic

Insert: Burnished or Stainless Steel



- Matte Finish
- Used for locating, positioning, indexing and securing
- Allow for rapid adjustments on a variety of platforms, fixtures and tables
- Suitable for gym equipment, medical aids, catering equipment, conveyors etc.



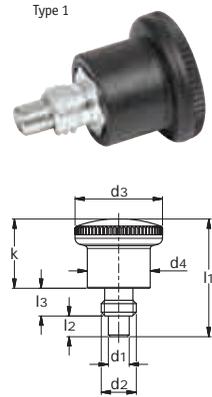
Part Number	Thread Size	Type	Locking Rest Position	Insert Material	Dimensions (mm)						Standard Pack Quantity
					D	H	h1	h2	h3	Plunger Diameter	
491224	M10 x 1.0	1	Yes	Burnished Steel	21	51.0	5	17	5	5.0	5
491225	M12 x 1.5	1	Yes	Burnished Steel	25	61.0	6	20	6	6.0	5
491226	M16 x 1.5	1	Yes	Burnished Steel	31	77.0	8	26	7	8.0	5
491227	M10 x 1.0	2	Yes	Stainless Steel	21	51.0	5	17	5	5.0	2
491228	M12 x 1.5	2	Yes	Stainless Steel	25	61.0	6	20	6	6.0	2
491229	M16 x 1.5	2	Yes	Stainless Steel	31	77.0	8	26	7	8.0	2
491234	M10 x 1.0	3	No	Burnished Steel	21	45.0	5	17	5	5.0	5
491235	M10 x 1.0	3	No	Burnished Steel	21	51.0	5	17	5	5.0	5
491232	M12 x 1.5	3	No	Burnished Steel	25	45.0	5	10	6	6.0	5
491236	M12 x 1.5	3	No	Burnished Steel	25	61.0	6	20	6	6.0	5
491233	M16 x 1.5	3	No	Burnished Steel	31	55.0	6	12	8	8.0	5
491237	M16 x 1.5	3	No	Burnished Steel	31	77.0	8	26	7	8.0	5
491230	M12 x 1.5	4	Yes	Burnished Steel	25	45.0	5	10	6	6.0	5
491231	M16 x 1.5	4	Yes	Burnished Steel	31	55.0	6	12	8	8.0	5

# INDEX PLUNGERS

## Mini Indexing Plunger

### SR 6564

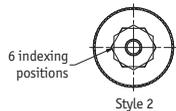
- Type 1: Zinc plated steel socket. Stainless Steel AISI 303 plunger and AISI 301 spring
- Type 2: Stainless Steel AISI 303 socket and plunger, AISI 301 spring
- Style 1: Plastic Polyamide, black matt knob without rest position
- Style 2: Plastic Polyamide, black matt knob with rest position



Part Number	Type	Style	Dimensions (mm)										Spring load in N ≈		Standard Pack Quantity
			d1 Plunger h9 Bore+0,03/+0,08	d2 (metric standard thread)	d2 (metric fine thread)	d3	d4	l1	l2 min.	l3	k	initial	end		
1220742	1	1	4	M8	-	21	15	27.5	5	6	16.5	4	12	10	
1220743	1	2	4	M8	-	21	15	27.5	5	6	16.5	4	12	10	
1220744	1	1	4	-	M8 x 1	21	15	27.5	5	6	16.5	4	12	10	
1220745	1	2	4	-	M8 x 1	21	15	27.5	5	6	16.5	4	12	10	
1220746	1	1	5	M10	-	25	18	34	6	8	20	6	16	10	
1220747	1	2	5	M10	-	25	18	34	6	8	20	6	16	10	
1220748	1	1	5	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220749	1	2	5	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220750	1	1	6	M10	-	25	18	34	6	8	20	6	16	10	
1220751	1	2	6	M10	-	25	18	34	6	8	20	6	16	10	
1220752	1	1	6	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220753	1	2	6	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220754	1	1	6	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220755	1	2	6	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220756	1	1	6	-	M12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220757	1	2	6	-	M12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220758	1	1	7	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220759	1	2	7	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220760	1	1	7	-	M12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220761	1	2	7	-	M 12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220762	1	1	8	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220763	1	2	8	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220764	1	1	8	-	M16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	
1220765	1	2	8	-	M16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	
1220766	1	1	10	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220767	1	2	10	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220768	1	1	10	-	M16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	
1220769	1	2	10	-	M 16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	



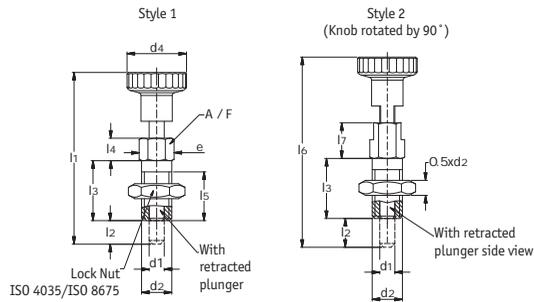
Part Number	Type	Style	Dimensions (mm)										Spring load in N ≈		Standard Pack Quantity
			d1 Plunger h9 Bore+0,03/+0,08	d2 (metric standard thread)	d2 (metric fine thread)	d3	d4	l1	l2 min.	l3	k	initial	end		
1220770	2	1	4	M8	-	21	15	27.5	5	6	16.5	4	12	10	
1220771	2	2	4	M8	-	21	15	27.5	5	6	16.5	4	12	10	
1220772	2	1	4	-	M8 x 1	21	15	27.5	5	6	16.5	4	12	10	
1220773	2	2	4	-	M8 x 1	21	15	27.5	5	6	16.5	4	12	10	
1220774	2	1	5	M10	-	25	18	34	6	8	20	6	16	10	
1220775	2	2	5	M10	-	25	18	34	6	8	20	6	16	10	
1220776	2	1	5	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220777	2	2	5	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220778	2	1	6	M10	-	25	18	34	6	8	20	6	16	10	
1220779	2	2	6	M10	-	25	18	34	6	8	20	6	16	10	
1220780	2	1	6	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220781	2	2	6	-	M10 x 1	25	18	34	6	8	20	6	16	10	
1220782	2	1	6	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220783	2	2	6	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220784	2	1	6	-	M12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220785	2	2	6	-	M12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220786	2	1	7	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220787	2	2	7	M12	-	28	20	40.5	7	10	23.5	10	23	10	
1220788	2	1	7	-	M12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220789	2	2	7	-	M12 x 1,5	28	20	40.5	7	10	23.5	10	23	10	
1220790	2	1	8	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220791	2	2	8	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220792	2	1	8	-	M16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	
1220793	2	2	8	-	M16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	
1220794	2	1	10	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220795	2	2	10	M16	-	33	23	47.5	10	12	25.5	11	35	10	
1220796	2	1	10	-	M16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	
1220797	2	2	10	-	M16 x 1,5	33	23	47.5	10	12	25.5	11	35	10	



## Indexing Plunger with/without Rest Position

### SR 6565

- Knob is made from black, matt Polyamide
- Style 1: Without rest position, with locknut
- Style 2: With rest position, with lock nut
- Type 1: Zinc plated steel body and locknut
- Type 2: Stainless Steel body and locknut



Part Number	Type	Style	Dimensions (mm)													Spring load in N ≈		Standard Pack Quantity
			d1 Plunger h11 Bore +0,03/+0,08	d2	d4	e	l1	l2 min.	l3	l4	l5 min.	l6	l7	A/F	Max. tightening torque in Nm	initial	end	
1220798	1	1	3	M6	12	6.9	30	3.5	12	4.5	10	32.5	7	6	2	3	12	10
1220799	1	1	3	M6 x 0.75	12	6.9	30	3.5	12	4.5	10	32.5	7	6	3	3	12	10
1220800	1	1	4	M6	12	6.9	30.5	4	12	4.5	10	33	7	6	2	3	12	10
1220801	1	1	4	M8 x 1	16	9.2	39.5	4.5	16	6	13.5	43	9.5	8	8	5	24	10
1220803	1	1	5	M8	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220804	1	1	5	M8 x 1	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220802	1	1	5	M10 x 1	18	11.5	42.5	5	16	6	13.5	46	10	10	22	5	24	10
1220805	1	1	6	M10	18	11.5	49	6	20	7.5	17	52	10.5	10	15	5	21	10
1220806	1	1	6	M12 x 1.5	21	13.8	52	6	20	7.5	16.5	55	11	12	38	5	21	10
1220807	1	1	8	M12	21	13.8	59	8	24	9	20.5	63.5	13.5	12	20	6	22	10
1220808	1	1	8	M16 x 1.5	25	19.6	63.5	8	24	9	20.5	68	13.5	17	80	6	22	10
1220809	1	2	3	M6	12	6.9	30	3.5	12	4.5	10	32.5	7	6	2	3	12	10
1220810	1	2	3	M6 x 0.75	12	6.9	30	3.5	12	4.5	10	32.5	7	6	3	3	12	10
1220811	1	2	4	M6	12	6.9	30.5	4	12	4.5	10	33	7	6	2	3	12	10
1220812	1	2	4	M8 x 1	16	9.2	39.5	4.5	16	6	13.5	43	9.5	8	8	5	24	10
1220814	1	2	5	M8	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220815	1	2	5	M8 x 1	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220813	1	2	5	M10 x 1	18	11.5	42.5	5	16	6	13.5	46	10	10	22	5	24	10
1220816	1	2	6	M10	18	11.5	49	6	20	7.5	17	52	10.5	10	15	5	21	10
1220817	1	2	6	M12 x 1.5	21	13.8	52	6	20	7.5	16.5	55	11	12	38	5	21	10
1220818	1	2	8	M12	21	13.8	59	8	24	9	20.5	63.5	13.5	12	20	6	22	10
1220819	1	2	8	M16 x 1.5	25	19.6	63.5	8	24	9	20.5	68	13.5	17	80	6	22	10
1220820	2	1	3	M6	12	6.9	30	3.5	12	4.5	10	32.5	7	6	2	3	12	10
1220821	2	1	3	M6 x 0.75	12	6.9	30	3.5	12	4.5	10	32.5	7	6	3	3	12	10
1220822	2	1	4	M6	12	6.9	30.5	4	12	4.5	10	33	7	6	2	3	12	10
1220823	2	1	4	M8 x 1	16	9.2	39.5	4.5	16	6	13.5	43	9.5	8	8	5	24	10
1220825	2	1	5	M8	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220826	2	1	5	M8 x 1	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220824	2	1	5	M10 x 1	18	11.5	42.5	5	16	6	13.5	46	10	10	22	5	24	10
1220827	2	1	6	M10	18	11.5	49	6	20	7.5	17	52	10.5	10	15	5	21	10
1220828	2	1	6	M12 x 1.5	21	13.8	52	6	20	7.5	16.5	55	11	12	38	5	21	10
1220829	2	1	8	M12	21	13.8	59	8	24	9	20.5	63.5	13.5	12	20	6	22	10
1220830	2	1	8	M16 x 1.5	25	19.6	63.5	8	24	9	20.5	68	13.5	17	80	6	22	10
1220831	2	2	3	M6	12	6.9	30	3.5	12	4.5	10	32.5	7	6	2	3	12	10
1220832	2	2	3	M6 x 0.75	12	6.9	30	3.5	12	4.5	10	32.5	7	6	3	3	12	10
1220833	2	2	4	M6	12	6.9	30.5	4	12	4.5	10	33	7	6	2	3	12	10
1220834	2	2	4	M8 x 1	16	9.2	39.5	4.5	16	6	13.5	43	9.5	8	8	5	24	10
1220836	2	2	5	M8	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220837	2	2	5	M8 x 1	16	9.2	40	5	16	6	13.5	43.5	9.5	8	7	5	24	10
1220835	2	2	5	M10 x 1	18	11.5	42.5	5	16	6	13.5	46	10	10	22	5	24	10
1220838	2	2	6	M10	18	11.5	49	6	20	7.5	17	52	10.5	10	15	5	21	10
1220839	2	2	6	M12 x 1.5	21	13.8	52	6	20	7.5	16.5	55	11	12	38	5	21	10
1220840	2	2	8	M12	21	13.8	59	8	24	9	20.5	63.5	13.5	12	20	6	22	10
1220841	2	2	8	M16 x 1.5	25	19.6	63.5	8	24	9	20.5	68	13.5	17	80	6	22	10

# INDEX PLUNGERS

## Index Plunger - with fixing plate

SR 5406

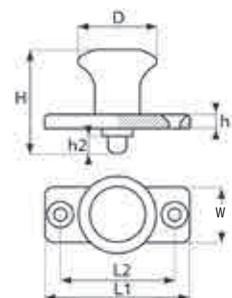
Knob: PA 6 - Matt finish

Plate: Zinc Plated Steel C45 grade

Pin: Burnished Steel C45 grade

Spring: 0.65 Carbon Steel

- Ideal for use on thin materials

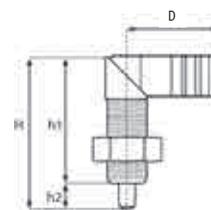


Part Number	Dimensions (mm)							Plunger Diameter	Locking Rest Position	Standard Pack Quantity
	D	H	L1	L2	W	h1	h2			
491266	25	37	40	30	18	4.5	6	6	No	5
491267	31	46	46	34	20	5.5	8	8	No	5
491268	25	37	40	30	18	4.5	6	6	Yes	5
491269	31	46	46	34	20	5.5	8	8	Yes	5

## Cam Plungers

SR 5410

Stainless Steel or Burnished Steel



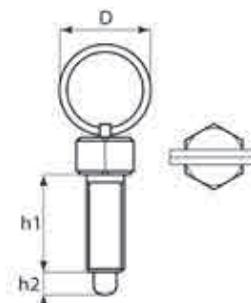
Part Number	Thread Size	Dimensions (mm)				Plunger Diameter	Locking Rest Position	Standard Pack Quantity
		H	D	h1	h2			
491241	M20 x 1.5	69	51	57	12	8	Stainless Steel	2
491242	M20 x 1.5	69	51	57	12	10	Stainless Steel	2
491243	M20 x 1.5	69	51	57	12	12	Stainless Steel	2
491240	M20 x 1.5	69	37	57	12	8	Burnished Steel	2
491238	M20 x 1.5	69	37	57	12	10	Burnished Steel	2
491239	M20 x 1.5	69	37	57	12	12	Burnished Steel	2

## Index Plunger – with lift ring

SR 5407

Housing: Nickel Plated Steel

Pin: Stainless Steel



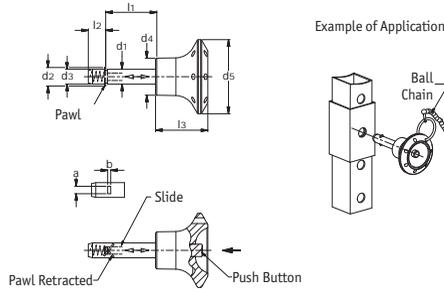
Part Number	Thread Size	Dimensions (mm)			Plunger Diameter	Standard Pack Quantity
		D	h1	h2		
491262	M6	14	12	4	4.0	5
491263	M8	18	16	5	4.5	5
491264	M10	24	20	6	5.5	5
491265	M12	30	24	8	8.0	5

## Locking Pins with Axial Lock

SR 6566

Steel Pin, Stainless Steel (AISI 304) pawls, Stainless Steel (AISI 301) Spring

- The two locking pawls can be retracted by pressing the button.
- By releasing the button the pawls will be locked again
- The knob, push button and slide are made from plastic



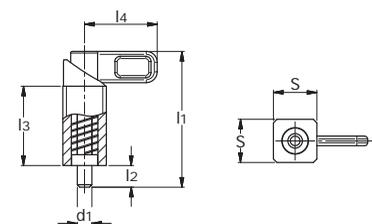
Part Number	Dimensions (mm)										Load in kN $\approx$ (Double sided shear force)	Standard Pack Quantity
	d1-0,05	l1+0,4 min. size	a	b	d2	d3	d4	d5	l2	l3		
1220885	6	10	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220886	6	12	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220887	6	16	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220888	6	20	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220889	6	25	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220890	6	30	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220891	6	35	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220892	6	40	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220893	6	45	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220894	6	50	2.3	0.5	7.5+0.5	5.9	15	30	7	21	14	5
1220895	8	16	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5
1220896	8	20	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5
1220897	8	25	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5
1220898	8	30	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5
1220899	8	35	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5

Part Number	Dimensions (mm)										Load in kN $\approx$ (Double sided shear force)	Standard Pack Quantity
	d1-0,05	l1+0,4 minimum size	a	b	d2	d3	d4	d5	l2	l3		
1220900	8	40	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5
1220901	8	45	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5
1220902	8	50	2.8	1	10+0.5	7.9	15	30	8.4	21	28	5
1220903	10	20	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220904	10	25	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220905	10	30	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220906	10	35	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220907	10	40	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220908	10	45	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220909	10	50	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220910	10	60	3.3	1	12+1	9.9	18	34	9.8	26	38	5
1220911	12	25	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220912	12	30	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220913	12	35	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220914	12	40	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220915	12	45	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220916	12	50	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220917	12	60	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220918	12	70	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220919	12	80	3.8	1	14+1	11.9	18	34	11.3	26	61	5
1220920	16	30	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220921	16	35	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220922	16	40	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220923	16	45	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220924	16	50	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220925	16	60	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220926	16	70	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220927	16	80	4.8	1.2	19+1	15.9	22	40	14.2	32	113	5
1220928	20	30	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5
1220929	20	35	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5
1220930	20	40	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5
1220931	20	45	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5
1220932	20	50	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5
1220933	20	60	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5
1220934	20	70	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5
1220935	20	80	4.8	1.2	23+1	19.8	25	40	14.8	33	187	5

## Spring Latches Weldable

SR 6567

- A groove will hold the latch in both positions
- The square bar allows the Spring Latch to be welded in any desired position
- Latch and Plunger is made from zinc plated steel



Part Number	d1 Plunger -0,05/-0,25 Bore +0,1/+0,3	Dimensions (mm)					Spring load in N $\approx$		Standard Pack Quantity
		s	l1 $\approx$	l2	l3	l4	Initial	End	
1220939	8	20	68	14	35	37	16	55	5
1220936	10	20	68	14	35	37	16	55	5
1220937	12	20	68	14	35	37	16	55	5
1220938	14	20	68	14	35	37	16	55	5

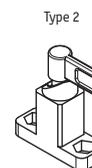
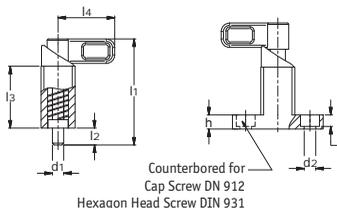
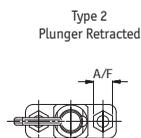
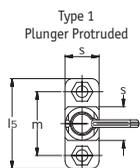
# INDEX PLUNGERS

## Spring Latches with Horizontal Flange

SR 6568



- A groove will hold the latch in both positions
- The Guide is made from zinc plated steel and has a plastic coated, black, textured finish
- The Latch and Plunger is made from zinc plated steel
- Type 1: The Latch position is right-angled to the fixing holes
- Type 2: The latch position is parallel to the fixing holes



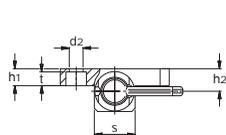
Part Number	Type	d1 Plunger -0,05/-0,25 Bore +0,1/+0,3	Dimensions (mm)											Spring load in N ≈		Standard Pack Quantity
			s	d2+0,2	h	l1 ≈	l2	l3	l4	l5	m	A/F	t	Initial	End	
1220946	1	8	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5
1220947	2	8	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5
1220940	1	10	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5
1220941	2	10	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5
1220942	1	12	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5
1220943	2	12	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5
1220944	1	14	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5
1220945	2	14	20	6.1	7.5	68	14	35	37	48	34	10	6.1	16	55	5

## Spring Latches with Vertical Flange

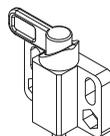
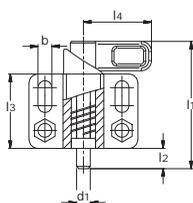
SR 6569



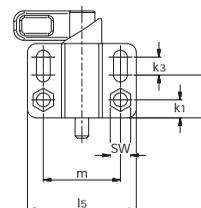
- A groove will hold the latch in both positions
- The Guide is made from zinc plated steel and has a plastic coated, black, textured finish
- The Latch and Plunger is made from zinc plated steel
- Type 1: The Latch has a left indexing cam
- Type 2: The latch has a right indexing cam



Type 1



Type 2



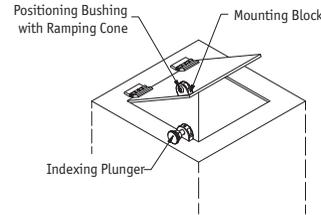
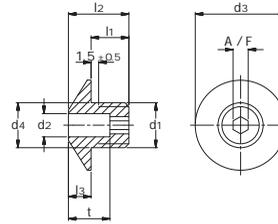
Part Number	Type	d1 Plunger -0,05/-0,25 Bore +0,1/+0,3	Dimensions (mm)														Spring load in N ≈		Standard Pack Quantity		
			s	b+0,3	d2+0,2	h1	h2	k1	k2	k3	l1 ≈	l2	l3	l4	l5	m	A/F	t		Initial	End
1220954	1	8	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5
1220955	2	8	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5
1220948	1	10	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5
1220949	2	10	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5
1220950	1	12	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5
1220951	2	12	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5
1220952	1	14	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5
1220953	2	14	20	6.1	6.1	7.5	10	7.5	18	12	68	14	35	37	48	34	10	6.1	16	55	5

## Positioning Bushings with Ramping Cone

SR 6570

Hardened Steel

- Positioning Bushings with Ramping Cone are for use with bolts of Indexing Plungers and Cam Action Indexing Plungers
- The threads are adapted to fit the Mounting Blocks



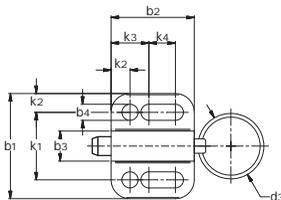
Part Number	Dimensions (mm)									Standard Pack Quantity
	d1	d2+0,1 Bore	d3	d4-0,05	l1	l2	l3	A/F	t	
1220866	M12 x 1.5	B 5.2	24	12	10	16	5	4	11	5
1220867	M12 x 1.5	B 6.2	24	12	10	16	5	4	11	5
1220869	M16 x 1.5	B 8.2	32	16	12	20	7	6	13	5
1220868	M16 x 1.5	B 10.2	32	16	12	20	7	6	13	5

## Indexing Plungers

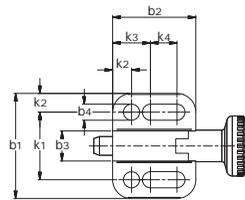
SR 6571

Stainless Steel

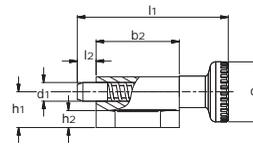
- Type 1: Indexing Plunger without rest position. With lifting ring
- Type 2: Indexing Plunger without rest position. With knob
- Type 3: Indexing Plunger with rest position. With knob
- The guide is made from die casted zinc with a black, plastic coated, textured finish
- The Plunger is made from Stainless Steel AISI 303. Spring and Lifting Ring (if applicable) are made from Stainless Steel AISI 301
- The knob is made from black, matt, Polyamide PA



Without Rest Position, with Ring



With Rest Position, with Knob



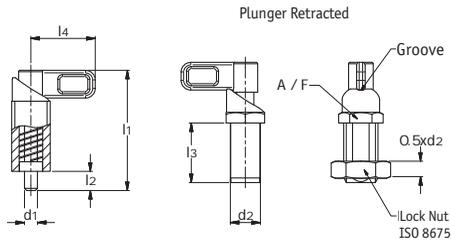
Part Number	Type	Dimensions (mm)															Spring load in N ≈		Standard Pack Quantity
		d1 Plunger h11 Bore +0,03/+0,08	d2	d3	b1	b2	b3	b4-0,2	h1	h2	k1 ±0,05	k2	k3	k4	l1	l2 ±0,5	Initial	End	
1220870	1	4	12	14	22	16.5	6	3.3	7	4	14	4	8	4.5	30.5	4	3	12	10
1220871	2	4	12	14	22	16.5	6	3.3	7	4	14	4	8	4.5	30.5	4	3	12	10
1220872	3	4	12	-	22	19	6	3.3	7	4	14	4	8	7	33	4	3	12	10
1220873	1	5	16	18	28	22	8	4.3	9.5	4.5	18	5	10	7	40	5	5	24	10
1220874	2	5	16	18	28	22	8	4.3	9.5	4.5	18	5	10	7	40	5	5	24	10
1220875	3	5	16	-	28	25.5	8	4.3	9.5	4.5	18	5	10	10.5	43.5	5	5	24	10
1220876	1	6	18	24	32	27.5	10	5.4	10.5	5	21	5.5	12	10	49	6	5	21	10
1220877	2	6	18	24	32	27.5	10	5.4	10.5	5	21	5.5	12	10	49	6	5	21	10
1220878	3	6	18	-	32	30.5	10	5.4	10.5	5	21	5.5	12	13	52	6	5	21	10
1220879	1	8	21	30	34	33	12	5.4	12.5	6	23	5.5	12	15.5	59	8	6	22	10
1220880	2	8	21	30	34	33	12	5.4	12.5	6	23	5.5	12	15.5	59	8	6	22	10
1220881	3	8	21	-	34	37.5	12	5.4	12.5	6	23	5.5	12	20	63.5	8	6	22	10
1220882	1	10	25	30	39	35	14.5	6.5	14.5	6	27	6	15	13.5	67.5	10	4	25	10
1220883	2	10	25	30	39	35	14.5	6.5	14.5	6	27	6	15	13.5	67.5	10	4	25	10
1220884	3	10	25	-	39	40	14.5	6.5	14.5	6	27	6	15	18.5	72.5	10	4	25	10

# INDEX PLUNGERS

## Cam Action Indexing Plungers

SR 6572

Zinc plated steel, PA lever



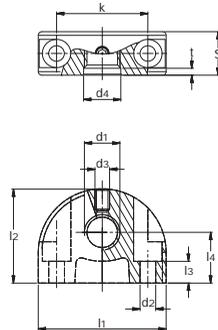
- Cam Action Indexing Plungers are used in applications where the locking pin must not protrude all the time
- The threaded body is made from zinc die casting

Part Number	Dimensions (mm)							Spring load in N $\approx$		Standard Pack Quantity
	d1 Plunger -0,05 Bore +0,1/+0,05	d2	l1	l2	l3	l4	A/F	Initial	End	
1220845	4	M12 x 1.5	48	8	25	25	13	8	22	5
1220846	5	M12 x 1.5	48	8	25	25	13	8	22	5
1220847	6	M12 x 1.5	48	8	25	25	13	8	22	5
1220848	6	M16 x 1.5	56.5	10	28	30	18	11	30	5
1220849	8	M16 x 1.5	56.5	10	28	30	18	11	30	5
1220850	8	M20 x 1.5	69.5	12	36	37	22	20	56	5
1220842	10	M16 x 1.5	56.5	10	28	30	18	11	30	5
1220843	10	M20 x 1.5	69.5	12	36	37	22	20	56	5
1220844	12	M20 x 1.5	69.5	12	36	37	22	20	56	5

## Mounting Blocks

SR 6573

Black powder coated Die cast zinc



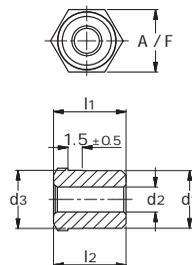
- Mounting Blocks are a fitting aid for Cam Action Indexing Plungers and for setting bolts and buffers
- Made from Zinc Die Casting with a Black Powder Coated, textured finish

Part Number	Dimensions (mm)											Standard Pack Quantity
	l1	d1	d2	d3	d4	k	l2	l3	l4	s	t	
1220855	35	M8	4.3	M4	8.2	25	26	6	14	12	2	5
1220856	35	M8 x 1	4.3	M4	8.2	25	26	6	14	12	2	5
1220851	35	M10	4.3	M4	10.2	25	26	6	14	12	2	5
1220852	35	M10 x 1	4.3	M4	10.2	25	26	6	14	12	2	5
1220853	35	M12	4.3	M4	12.2	25	26	6	14	12	3	5
1220854	35	M12 x 1.5	4.3	M4	12.2	25	26	6	14	12	3	5
1220857	47	M16	5.3	M5	16.2	35	34	10	18	14	3	5
1220858	47	M16 x 1.5	5.3	M5	16.2	35	34	10	18	14	3	5
1220859	47	M20 x 1.5	5.3	M5	20.2	35	34	10	18	14	3	5

## Positioning Bushings

SR 6574

Hardened steel



- Positioning Bushings are for use with the bolts of the Cam Action Indexing Plungers and Indexing Plungers
- The threads are adapted to fit the Mounting Blocks
- Made from hardened steel

Part Number	Dimensions (mm)						Standard Pack Quantity
	d1	d2+0,1 Bore	d3-0,05	l1-0,2	l2	A/F	
1220860	M12 x 1.5	B 4.2	12	10	13	13	5
1220861	M12 x 1.5	B 5.2	12	10	13	13	5
1220862	M12 x 1.5	B 6.2	12	10	13	13	5
1220865	M16 x 1.5	B 8.2	16	12	15	17	5
1220863	M16 x 1.5	B 10.2	16	12	15	17	5
1220864	M16 x 1.5	B 12.2	16	12	15	17	5

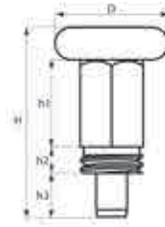
## Index Plunger – Metal Head

SR 5408

Body: Zinc Plated or Stainless Steel

Head: Zinc Plated, Die-Cast Zinc

- Matte Finish



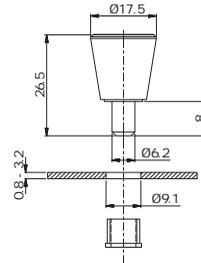
Part Number	Thread Size	Dimensions (mm)					Plunger Diameter	Locking Rest Position	Insert Material	Standard Pack Quantity
		D	H	h1	h2	h3				
497510	M10 x 1.0	18.2	30.4	18.2	4.0	7.0	6.0	No	Zinc Plated	5
497511	M10 x 1.0	18.2	30.4	18.2	4.0	7.0	6.0	Yes	Zinc Plated	5
497512	M12 x 1.75	24.0	39.4	19.2	8.0	7.0	7.0	No	Zinc Plated	5
497513	M12 x 1.75	24.0	39.4	19.2	8.0	7.0	7.0	Yes	Zinc Plated	5
497514	M10 x 1.0	18.2	30.4	18.2	4.0	7.0	6.0	No	Stainless Steel	2
497515	M10 x 1.0	18.2	30.4	18.2	4.0	7.0	6.0	Yes	Stainless Steel	2

## Spring Loaded Plunger

SR5515

Aluminium

- Simplified positioning of sliding components
- Quick-release hinge for removable door
- Fast installation and removal of components
- Low carbon steel stud
- Zinc-plated steel shell and stainless steel spring
- Thread-in style



Part Number	Finish	Standard Pack Quantity
497562	Bright Chrome	20
497563	Powder Black	20

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# SPRING PLUNGERS

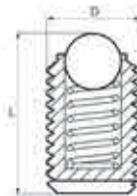
## Ball and Spring Index Plunger

SR 5409



Burnished Steel: Ball Bearing - Steel, Spring - Steel,  
Outer Casing - SS304

Stainless Steel: Ball - SS304, Spring - SS304, Outer Casing - SS304

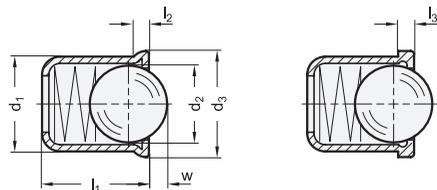


Part Number	Dimensions		Material	Standard Pack Quantity
	D	L		
491244	M3	7.0	Burnished Steel	20
491245	M4	10.0	Burnished Steel	20
491246	M5	13.0	Burnished Steel	20
491247	M6	15.0	Burnished Steel	20
491248	M8	17.5	Burnished Steel	20
491249	M10	21.0	Burnished Steel	20
491250	M12	24.5	Burnished Steel	10
491251	M16	27.5	Burnished Steel	10
491252	M20	34.0	Burnished Steel	10
491253	M3	7.5	Stainless Steel	20
491254	M4	10.0	Stainless Steel	20
491255	M5	13.0	Stainless Steel	20
491256	M6	15.0	Stainless Steel	20
491257	M8	17.5	Stainless Steel	20
491258	M10	21.0	Stainless Steel	20
491259	M12	24.5	Stainless Steel	10
491260	M16	27.5	Stainless Steel	10
491261	M20	34.0	Stainless Steel	10

## Spring Plungers

SR 6575

Stainless Steel



Type 1

- Used as detents as well as for push-on and push-off applications and ejectors
- A tolerance of H7 for the location hole of d1 is recommended
- Due to different production methods, the dimensions l2 and l3 will vary
- Available in type 1 - Stainless Steel Housing and Ball - AISI 305/20c
- Available in type 2 - Plastic Housing and Stainless Steel Ball

Type 2

Part Number	Dimensions						Standard Pack Quantity
	d1 +0,1	d2	d3	l1 ≈	l2 ≈	W	
1337673	3	2.4	3.5	4	0.75	0.7	50
1337674	4	3	4.6	5	0.9	1	50
1337675	5	4	5.6	6	0.9	1.4	50
1337676	6	5	6.5	7	1	1.8	50
1337677	8	6.5	8.5	9	1.1	2.4	50
1337678	10	8.5	11	13	1.6	3.3	25
1337679	12	10	13	16	2.3	4	25

Part Number	Dimensions					Standard Pack Quantity
	d1 +0,1	d2	d3	l1 ≈	l3 ±0,1	
1337680	3	3.5	3.5	4	0.6	50
1337681	4	4.6	4.6	5	1	50
1337682	5	5.6	5.6	6	1.4	50
1337683	6	6.5	6.5	7	1.8	50
1337684	8	8.5	8.5	9	2.4	50
1337685	10	11	11	13.5	3.3	25
1337686	12	13	13	16	4	25

## Grub Pins

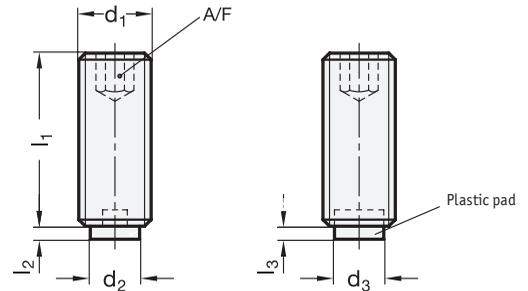
SR 6576

Steel and Polyacetal POM

- Grub pins are used in applications, where marks and damages on the workpiece are unwanted
- Screw steel with a Tensile Strength class 5.8 (500 N/mm<sup>2</sup>)
- Thrust pad made from Polyacetal POM (Plastic)



Part Number	Dimensions				Standard Pack Quantity
	d1	l1	d3	A/F	
1337608	M4	6	0.5	2	50
1337609	M4	8	0.5	2	50
1337610	M4	10	0.5	2	50
1337611	M5	8	0.5	2.5	50
1337612	M5	12	0.5	2.5	50
1337613	M5	16	0.5	2.5	50
1337614	M5	20	0.5	2.5	50
1337615	M6	10	1	3	50
1337616	M6	12	1	3	50
1337617	M6	16	1	3	50
1337618	M6	20	1	3	50
1337619	M6	25	1	3	50
1337620	M6	32	1	3	50
1337621	M8	25	1.5	4	50
1337622	M8	32	1.5	4	50
1337623	M8	40	1.5	4	50
1337624	M8	50	1.5	4	50
1337625	M8	63	1.5	4	50



## Retaining Cables

SR 6577

Stainless Steel

- Coated with clear plastic PVC

Type A – Two Loop

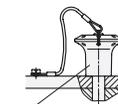
Part Number	Dimensions			Static load in N ≈	Standard Pack Quantity
	l	d1	d2		
1337524	150	14	1	50	1
1337525	150	24	1.5	100	1
1337526	150	30	1.8	120	1
1337527	200	14	1	50	1
1337528	200	24	1.5	100	1
1337529	200	30	1.8	120	1
1337530	320	14	1	50	1
1337531	320	24	1.5	100	1
1337532	320	30	1.8	120	1
1337533	500	14	1	50	1
1337534	500	24	1.5	100	1
1337535	500	30	1.8	120	1



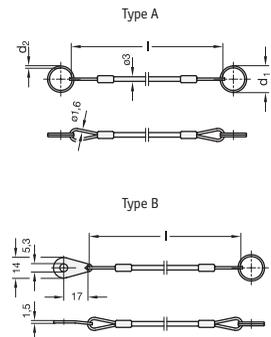
Type B – Tab and Loop

Part Number	Dimensions			Static load in N ≈	Standard Pack Quantity
	l	d1	d2		
1337536	150	14	1	50	1
1337537	150	24	1.5	100	1
1337538	150	30	1.8	120	1
1337539	200	14	1	50	1
1337540	200	24	1.5	100	1
1337541	200	30	1.8	120	1
1337542	320	14	1	50	1
1337543	320	24	1.5	100	1
1337544	320	30	1.8	120	1
1337545	500	14	1	50	1
1337546	500	24	1.5	100	1
1337547	500	30	1.8	120	1

Example of application



Pin Ball lock pins



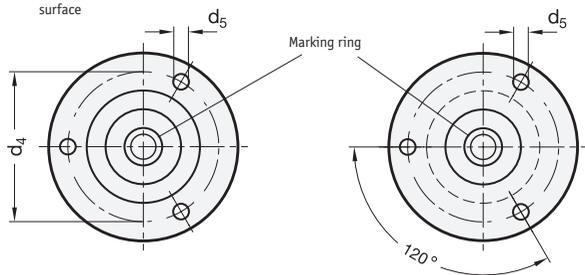
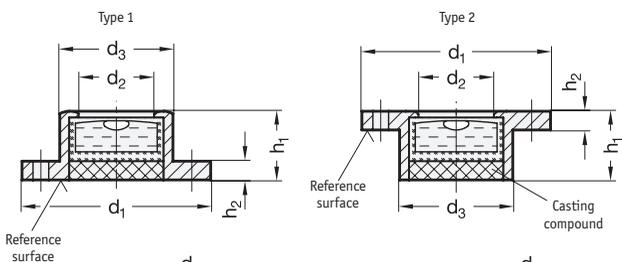
# LEVELS AND COLLARS

## Bulls Eyes Levels

SR 6579

### Aluminium

- Most commonly used to check the horizontal position of jigs, machines, devices, appliances and instruments
- The housing is grooved making it easier to mount
- Mounting flange available in
  - Type 1 for bolting to surface
  - Type 2 for inserting (collar)
- Without bore available in Anodized finish with Colourless/transparent Fluid Colour
- With bore available in both anodized natural Colour, both with a transparent/colour Fluid



### Type 1

Part Number	Dimensions								Standard Pack Quantity
	d1	d2	d3	d4	d5	h1	h2		
1337486	20	10	14	17	1.8	10	1.8	2	
1337487	30	12	18	24	3.2	11	3	2	
1337488	40	20	28	34.5	3.2	14	4	2	
1337489	50	25	34	43	3.2	15	5	2	
1337490	20	10	14	17	1.8	10	1.8	2	
1337491	30	12	18	24	3.2	11	3	2	
1337492	40	20	28	34.5	3.2	14	4	2	
1337493	50	25	34	43	3.2	15	5	2	

### Type 2

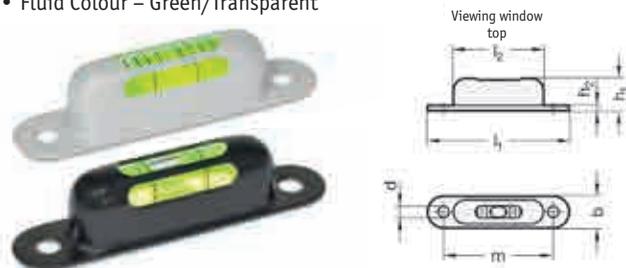
Part Number	Material Finish	Dimensions					Standard Pack Quantity
		d1	d2	"d3 -0,05 -0,15"	h1	h2	
1337494	Anodized Natural Color	20	12	18	10	8	2
1337495	Anodized Natural Color	25	14	20	12	9	2
1337496	Anodized Natural Color	30	20	28	13	10	2
1337497	Anodized Black	20	12	18	10	8	2
1337498	Anodized Black	25	14	20	12	9	2
1337499	Anodized Black	30	20	28	13	10	2

## Screw on Level

SR 6578

### Aluminium

- Available in silver RAL 9006 & Black RAL 9005
- Powder coated, black RAL 9005
- Fluid Colour – Green/Transparent



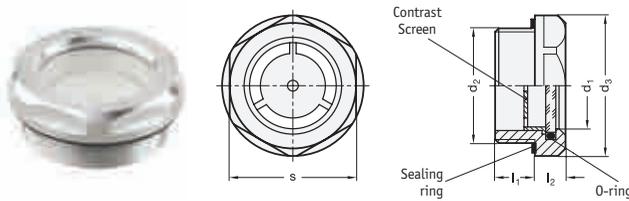
Part Number	Colour	Dimensions							Sensitivity	Standard Pack Quantity
		l1	b	d	h1	h2	l2	m		
1337500	Silver	57	12	4.5	13	1	37	45	50	2
1337501	Silver	57	12	4.5	13	1	37	45	6	2
1337502	Black	57	12	4.5	13	1	37	45	50	2
1337503	Black	57	12	4.5	13	1	37	45	6	2

## Oil Sight Glasses

SR 6580

### Aluminium – with contrast screen

- Oil level sight glasses offer genuine glass of high stability and scratch proof
- The seal is housed in a groove and it can therefore not be lost. In addition, this groove prevents the seal from being extruded when the sight glass is tightened.



Part Number	Dimensions							Standard Pack Quantity
	d1	d2	d3	l1	l2	s		
1337687	7	M14 x 1.5	20	7.5	6.5	18	1	
1337688	11	M16 x 1.5	22	8	7.5	20	1	
1337689	14	M20 x 1.5	26	8.5	7.5	23	1	
1337690	18	M26 x 1.5	32	9	8	30	1	
1337691	18	M27 x 1.5	32	9	8	30	1	
1337692	24	M33 x 1.5	40	11	8.5	36	1	
1337693	32	M40 x 1.5	50	12	9	46	1	
1337694	32	M42 x 1.5	50	13	9	46	1	
1337695	7	G 1/4	20	7.5	6.5	18	1	
1337696	11	G 3/8	22	8	7.5	20	1	
1337697	14	G 1/2	26	8.5	7.5	23	1	
1337698	18	G 3/4	32	9	8	30	1	
1337699	24	G 1	40	11	8.5	36	1	
1337700	32	G 1 1/4	50	12	9	46	1	

## Collars

### SR 6581

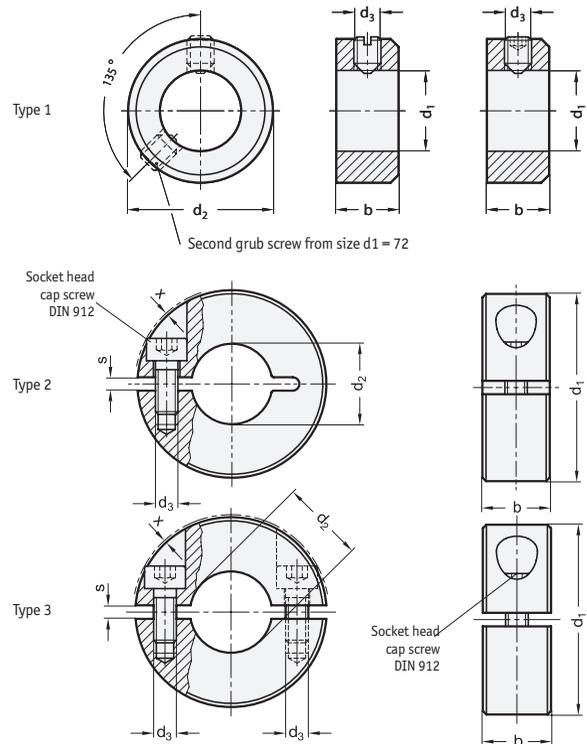
#### Steel

- Most commonly used and cost effective Shaft Collars
- The holding power of a Set Screw Collar is provided by the impingement of the screw into the shaft
- Available in three different types
  - Type 1 - full set collar
  - Type 2 - semi-split collar
  - Type 3 - Split collar
- Type 1 - with a grub screw DIN 553
- Type 2/3 - Head Screw DN912



#### Type 1

Part Number	Dimensions				Standard Pack Quantity
	d1	d2	d3	b js14	
1337548	6	12	M3 x4	8	1
1337549	8	16	M4 x 6	8	1
1337550	10	20	M5 x 8	10	1
1337551	12	22	M6 x 8	12	1
1337552	14	25	M6 x 8	12	1
1337553	15	25	M6 x 8	12	1
1337554	16	28	M6 x 8	12	1
1337555	18	32	M6 x 8	14	1
1337556	20	32	M6 x 8	14	1
1337557	22	36	M6 x 10	14	1
1337558	24	40	M8 x 12	16	1
1337559	25	40	M8 x 10	16	1
1337560	26	40	M8 x 10	16	1
1337561	28	45	M8 x 12	16	1
1337562	30	45	M8 x 10	16	1
1337563	32	50	M8 x 12	16	1
1337564	34	50	M8 x 12	16	1
1337565	35	56	M8 x 12	16	1
1337566	36	56	M8 x 12	16	1
1337567	38	56	M8 x 12	16	1
1337568	40	63	M10 x 16	18	1
1337569	42	63	M10 x 16	18	1
1337570	45	70	M10 x 16	18	1
1337571	48	70	M10 x 16	18	1
1337572	50	80	M10 x 16	18	1
1337573	60	90	M10 x 16	20	1
1337574	70	100	M10 x 20	20	1
1337575	80	110	M12 x 20	22	1



#### Type 2

Part Number	Dimensions						Standard Pack Quantity
	d1	d2	b ±0,2	d3	s	x ≈	
1337576	20	b6	9	M3	2.1	1.2	2
1337577	22	b5	9	M3	2.1	1	2
1337578	26	b10	11	M4	2.1	1.6	2
1337579	30	b12	11	M4	2.1	0.7	2
1337580	32	b14	11	M4	2.1	0.7	2
1337581	36	b15	13	M5	2.1	1.4	2
1337582	36	b16	13	M5	2.1	1.4	2
1337583	42	b18	15	M5	3	0.6	2
1337584	42	b20	15	M5	3	0.6	2
1337585	48	b22	15	M5	3	0	2
1337586	48	b25	15	M5	3	0	2
1337587	55	b28	15	M6	3	0.5	2
1337588	55	b30	15	M6	3	0.5	2
1337589	60	b32	15	M6	4	0.4	2
1337590	60	b35	15	M6	4	0.4	2
1337591	65	b40	15	M6	4	0.5	2

#### Type 3

Part Number	Dimensions						Standard Pack Quantity
	d1	d2	b ±0,2	d3	s	x ≈	
1337592	20	B6	9	M3	2.1	1.2	2
1337593	22	B8	9	M3	2.1	1	2
1337594	26	B10	11	M4	2.1	1.6	2
1337595	30	B12	11	M4	2.1	0.7	2
1337596	32	B14	11	M4	2.1	0.7	2
1337597	36	B15	13	M5	2.1	1.4	2
1337598	36	B16	13	M5	2.1	1.4	2
1337599	42	B18	15	M5	3	0.6	2
1337600	42	B20	15	M5	3	0.6	2
1337601	48	B22	15	M5	3	0	2
1337602	48	B25	15	M5	3	0	2
1337603	55	B28	15	M6	3	0.5	2
1337604	55	B30	15	M6	3	0.5	2
1337605	60	B32	15	M6	4	0.4	2
1337606	60	B35	15	M6	4	0.4	2
1337607	65	B40	15	M6	4	0.5	2

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- A range of fitting options to suit your needs
- Ensure safety and efficient movement with a choice of load capacity ranging from 30kg up to 700kg
- Choice of wheel bearings to provide shock resistance, low maintenance, reliability and robust performance regardless of your application challenges



621



624



628



630



644



650



651



655



664



669

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# CASTORS AND BALL TRANSFER UNITS



FURNITURE CASTORS

620



DESIGN CASTORS

628



INDUSTRIAL CASTORS

632



HEAVY DUTY CASTORS

655



SPECIAL PURPOSE CASTORS

659



BALL TRANSFERS

660



FLOAT-ON CASTORS

669

## Twin Wheel Castor

SR 1547

Black Polyamide

- Spark eroded finish
- Easy glide action
- Choice of mounting stems
- A choice of fittings below



Unhooded

Hooded

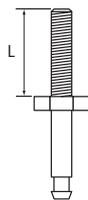
40mm Braked

50mm - hooded Braked

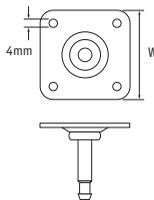
Part Number	Dimensions (mm)			Max Static Load Bearing (kg)	Standard Pack Quantity
	Wheel Dia.	Hooded	Braked		
500300	32	Yes	No	30	150
500301	40	No	No	50	150
500302	40	Yes	No	44	150
500303	40	Yes	Yes	44	150
500304	40	Yes	No	50	150
500305	40	Yes	Yes	50	150
500306	50	Yes	No	60	100
500307	50	Yes	Yes	60	100
500308	50	Yes	No	80	100
500309	50	Yes	Yes	80	100



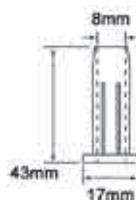
Type 1  
Gripneck Stem



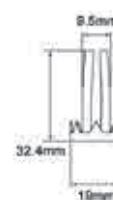
Type 2  
Threaded Stem



Type 3  
Plate Fixing



Type 4  
Plastic Socket for  
Gripneck Stem



Type 5  
Metal Socket for  
Gripneck Stem

### Castor fittings

Part Number	Use with	Type	Dimensions (mm)	Standard Pack Quantity
500320	32mm, 40mm - hooded	1	38 (L)	150
500319	32mm, 40mm - hooded	2	M8 x 15 (L)	150
500321	32mm, 40mm - hooded	2	M8 x 25 (L)	150
1287093	32mm, 40mm - hooded	3	35 x 35 (W)	150
500316	32mm, 40mm, 50mm - hooded	4	-	900
500324	40mm - unhooded	1	38 (L)	150
500322	40mm - unhooded	2	M8 x 15 (L)	150
500325	40mm - unhooded	2	M8 x 25 (L)	150
1287183	40mm - unhooded	3	35 x 35 (W)	150
500312	50mm - hooded	1	38 (L)	100
500310	50mm - hooded	2	M8 x 15 (L)	100
500313	50mm - hooded	2	M8 x 25 (L)	100
500314	50mm - hooded	2	M10 x 15 (L)	100
500315	50mm - hooded	2	M10 x 25 (L)	100
500311	50mm - hooded	3	38 x 38 (L)	100
500317	50mm - hooded	5	-	300

The weight loadings quoted in this catalogue are for guide purposes only and assume that castors are used in a normal operating environment with floors in a smooth and reasonable condition.

Uneven or irregular floors will cause increased shock loadings. Castors of higher load-bearing capacity must be specified in these situations.

Castor loading capacity can be seriously impaired if castors are misused or poorly maintained, e.g. if used outside normal operating temperatures and/or if used in caustic environments.

## Swivel Castor

SR 5787

Polyamide/Polyurethane

- Easy glide action
- Choice of black and natural polyamide or black polyurethane
- All supplied with gripneck stem

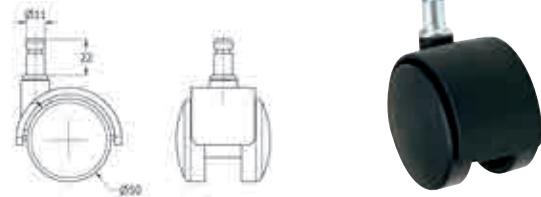


Style 1

### Style 1 – Black Polyamide

Part Number	Wheel Diameter (mm)	Hooded	Braked	Approx Load Capacity (kg)	Standard Pack Quantity
497153	50	Yes	No	60	100
497154	50	Yes	Yes	60	100
497151*	50	Yes	No	100	100

\*Natural Polyamide



Style 2

### Style 2 – Black Polyamide

Part Number	Wheel Diameter (mm)	Hooded	Braked	Approx Load Capacity (kg)	Standard Pack Quantity
497403	50	Yes	No	60	100
497405	50	Yes	Yes	60	100
497160	60	No	No	60	100



Style 3

### Style 3 – Black Polyurethane

Part Number	Wheel Diameter (mm)	Hooded	Braked	Approx Load Capacity (kg)	Standard Pack Quantity
497404	50	Yes	No	60	100
497406	50	Yes	Yes	60	100
497402	60	No	No	60	100

## Thermoplastic Castor

SR 5768

- Twin wheel castor with thermoplastic polymer wheel and swivel housing
- A choice of plate, threaded stem and knurled stem fitting
- Threaded stem has an M8 thread
- Knurled stem fitting is suitable for wood

Type 1  
Fixed Plate



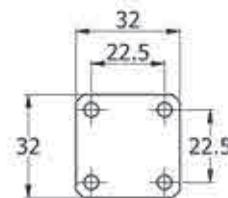
Type 2  
Threaded Stem



Type 3  
Knurled Stem



Part Number	Wheel Diameter (mm)	Type	Standard Pack Quantity
499625	35	1	200
499626	45	1	100
499627	35	2	220
499628	45	2	100
499630	45	3	100



The weight loadings quoted in this catalogue are for guide purposes only and assume that castors are used in a normal operating environment with floors in a smooth and reasonable condition.

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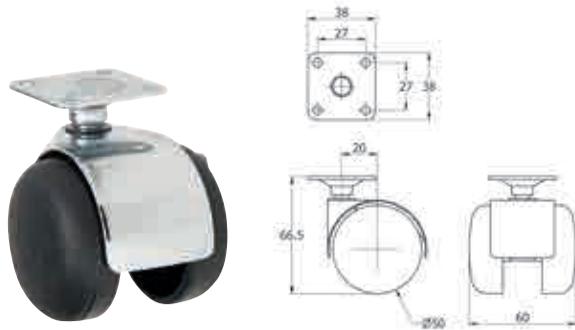
Castor loading capacity can be seriously impaired if castors are misused or poorly maintained, e.g. if used outside normal operating temperatures and/or if used in caustic environments.

## Metal Hooded Castor

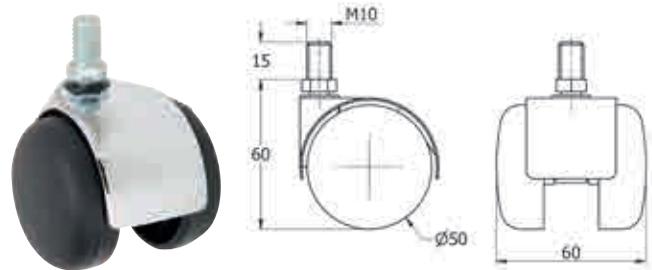
SR 5769

### Polyamide Wheel with Gloss Metallic Hood

- Twin wheel polyamide castor
- Choice of swivel plate, threaded or knurled fittings



Type 1



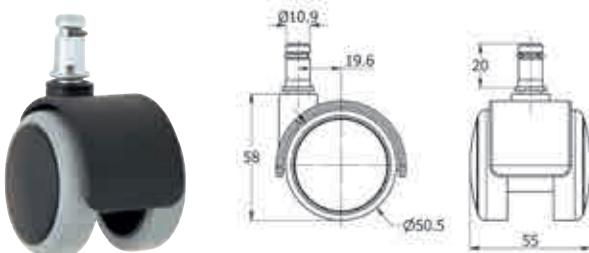
Type 2

Part Number	Wheel Diameter (mm)	Max Static Load Bearing (kg)	Type	Standard Pack Quantity
499631	50	35	1	64
499632	50	35	2	64

## Grey Castor

SR 5771

- Grey thermoplastic wheel with grey finished steel housing
- Grip neck stem fitting
- Click in design suitable for quick installation



Part Number	Wheel Diameter (mm)	Approx Load Capacity (kg)	Standard Pack Quantity
499652	50	35	60

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## Spherical Wheel Castor

- Swivel Pressed Steel with chrome plated housing
- Single ball race
- Available as a wheel, or with plate, threaded stem or knurled fitting
- Type 1: Pin hole M5 screw
- Type 3: M8 threaded stem fitting
- Type 4: 8mm knurled stem fitting

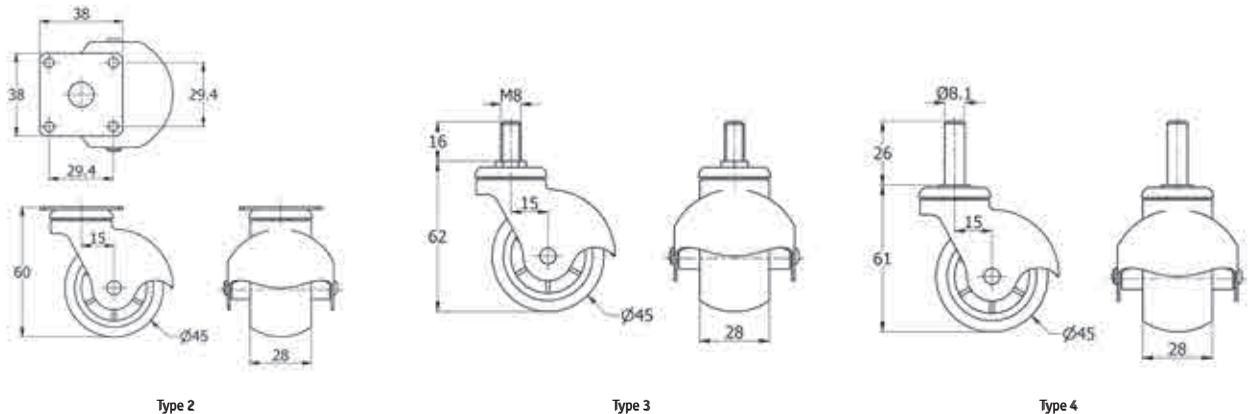
### SR 5765 - Black Polypropylene

Part Number	Wheel Diameter (mm)	Approx Load Capacity (kg)	Type	Standard Pack Quantity
499601	35	12	1	360
499602	45	15	1	200
499603	35	12	2	144
499604	45	15	2	100
499605	35	12	3	152
499606	45	15	3	120
499607	35	12	4	140



### SR 5766 - Polypropylene Wheel with Rubber Tyre

Part Number	Wheel Diameter (mm)	Approx Load Capacity (kg)	Type	Standard Pack Quantity
499610	45	15	2	100
499611	45	15	3	120



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## Thermoplastic Wheels

SR 5767

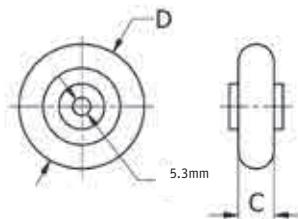


35mm dia Wheel



Ø40mm & Ø50mm

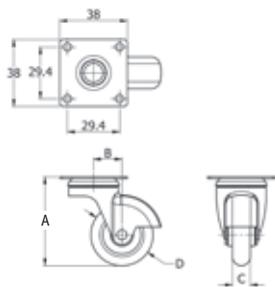
- 35mm diameter - one piece thermoplastic wheel
- 40mm and 50mm diameter - one piece thermoplastic polymer wheel with bonded brass plated steel discs



Part Number	Dimensions (mm)		Approx Load Capacity (kg)	Standard Pack Quantity
	C	D		
499613	10	35	10	1000
499617	9.6	40	12	600
499618	11.8	50	15	360

## Black Plastic Castor with Swivel Plate Fitting

SR 5767

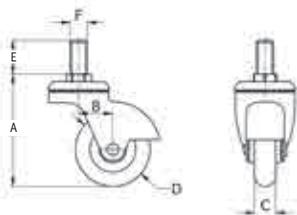


- Suitable for cabinets and furniture
- Pressed steel swivel and brass-plated housing with a swivel plate fitting
- 35mm diameter – one piece thermoplastic wheel
- 40mm and 50mm diameter – one piece thermoplastic polymer wheel with bonded brass plated steel discs

Part Number	Dimensions (mm)				Approx Load Capacity (kg)	Standard Pack Quantity
	A	B	C	D		
499614	51	16	16	35	10	180
499619	53.5	16	16	40	12	160
499620	66	18	17	50	15	136

## Black Plastic Castor with Threaded Stem Fitting

SR 5767



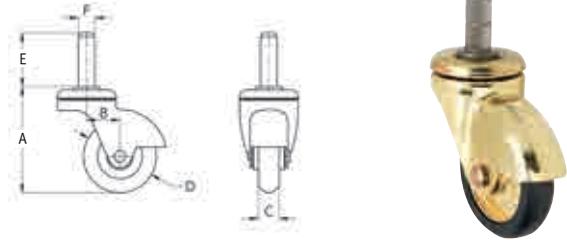
- Suitable for cabinets and furniture
- Pressed steel swivel and brass-plated housing with a swivel plate fitting
- 35mm diameter – one piece thermoplastic wheel
- 40mm and 50mm diameter - one piece thermoplastic polymer wheel with bonded brass plated steel discs

Part Number	Dimensions (mm)					Approx Load Capacity (kg)	Standard Pack Quantity
	A	B	C	D	E		
499615	53	16	16	35	16	M8	192
499621	55.5	16	16	40	16	M8	168
499622	68	18	17	50	16	M8	144

## Black Plastic Castor with Knurled Stem Fitting

SR 5767

- Suitable for cabinets and furniture
- Pressed steel swivel and brass-plated housing with a knurled stem fitting, suitable for wood
- 35mm diameter – one piece thermoplastic wheel
- 40mm and 50mm diameter – one piece thermoplastic polymer wheel with bonded brass plated steel discs

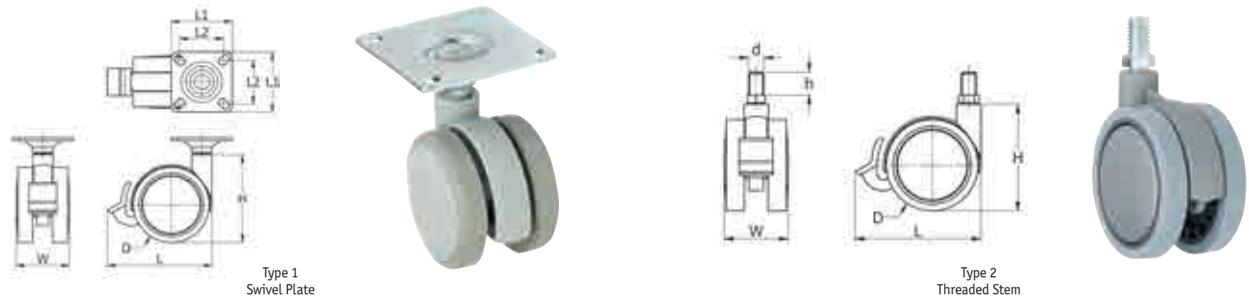


Part Number	Dimensions (mm)						Approx Load Capacity (kg)	Standard Pack Quantity
	A	B	C	D	E	F		
499616	51	16	16	35	26	8.1	10	184
499623	53.5	16	16	40	26	8.1	12	160
499624	66	18	17	50	26	8.1	15	134

## Twin Wheel Castor with Thermoplastic Rubber Wheel

SR 5770

- Grey die-cast material housing
- Swivel plate or threaded stem fitting options
- Rubber wheel absorbs vibrations
- Wheel rubber hardness - Shore A 90



Part Number	Dimensions (mm)							Approx. Load Capacity (kg)	Type	Braked	Standard Pack Quantity
	D	d x h	L	L1	L2	W	H				
499634*	40	-	-	42	32	33	43	40	1	No	100
499635	60	-	-	48	35	42	70	50	1	No	48
499636	60	-	82	48	35	42	70	50	1	Yes	40
499641	100	-	-	60	42	57	109	70	1	No	16
499642	120	-	-	60	42	66	135	70	1	No	10
499643	75	-	95	48	35	47	91	50	1	Yes	28
499637*	40	M10 x 15	-	-	-	33	43	40	2	No	180
499638	60	M10 x 15	-	-	-	42	70	50	2	No	60
499639	60	M10 x 15	82	-	-	42	70	50	2	Yes	60
499646	75	M10 x 15	-	-	-	47	91	50	2	No	32
499647	100	M10 x 25	-	-	-	57	109	70	2	No	16
499648	120	M10 x 25	-	-	-	66	135	70	2	No	10
499649	75	M10 x 15	95	-	-	47	91	50	2	Yes	28
499650	100	M10 x 25	127	-	-	66	135	70	2	Yes	12
499651	120	M10 x 25	150	-	-	66	135	70	2	Yes	10

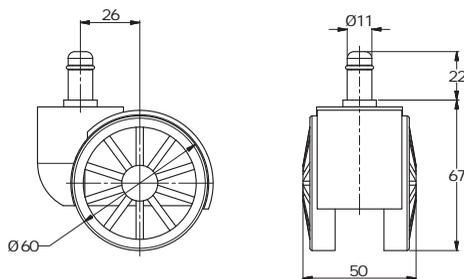
40mm wheel rubber hardness - Shore A 75

## Spoke Wheel Castor

SR 6438

Polyamide Castor

- Grip neck fitting
- 10 spoke castor
- Black wheel and silver hood



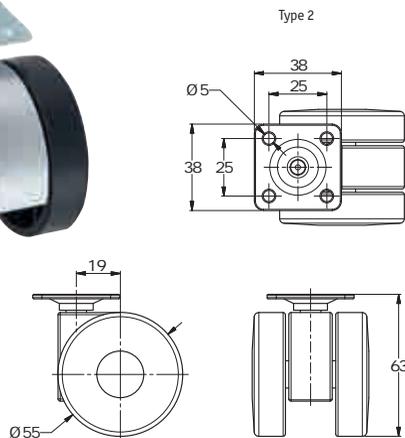
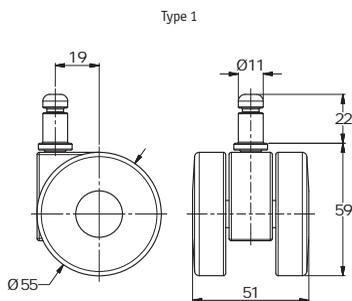
Part Number	Approx Load Capacity (kg)	Standard Pack Quantity
551067	55	100

## Black/Silver Furniture Castor

SR 6439

Polyamide Castor

- Black wheel castor with silver centre
- Gripneck or swivel plate fixing
- Ideal for furniture, such as office equipment, beds and sofas



Part Number	Type	Approx Load Capacity (kg)	Standard Pack Quantity
551069	1	55	100
551068	2	55	100

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Castor loading capacity can be seriously impaired if castors are misused or poorly maintained, e.g. if used outside normal operating temperatures and/or if used in caustic environments.



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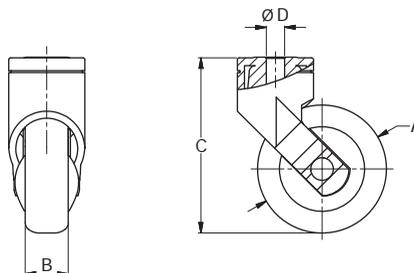
**[www.essentracomponents.ie](http://www.essentracomponents.ie)**

## Levina Castors

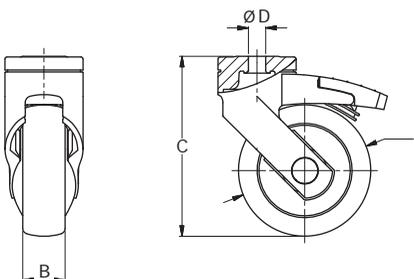
SR 5680

Polypropylene Wheel Centre, Thermoplastic Rubber Tread, RAL7001

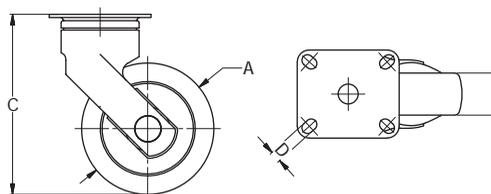
- Non-corrosive synthetic material
- Compliant with standard EN12528
- Non-marking grey rubber tyre – Shore A 87
- Stem fittings for this range can be found on page 631



Type 1 - blind hole mount -requires fitting (p613)



Type 2 - bolt hole fitting



Type 3 - 4 bolt fixed plate fitting

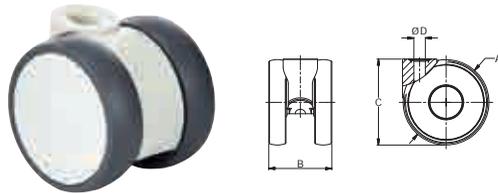
Part Number	Type	Brake	Dimensions (mm)				Dynamic Load Capacity (kg)	Standard Pack Quantity
			A	B	C	D		
1220420	1	No	75	25	103	10	75	40
1220421	1	Yes	75	25	103	10	75	40
1220422	2	No	100	32	137	13	100	20
1220423	2	Yes	100	32	137	13	100	18
1220424	2	No	125	32	161	13	100	15
1220425	2	Yes	125	32	161	13	100	12
1220426	2	No	150	32	190	13	100	8
1220427	2	Yes	150	32	190	13	100	8
1220428	3	No	100	32	137	8.5	100	20
1220429	3	Yes	100	32	137	8.5	100	16
1220430	3	No	125	32	161	8.5	100	15
1220431	3	Yes	125	32	161	8.5	100	12

## Linea Castors

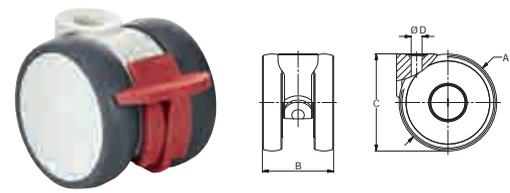
SR 5681

**Polyamide Wheel Centre, Polyurethane Tread, RAL7001**

- Non-corrosive synthetic material
- Choice of plain or precision ball bearing for easy motion
- Low overall height for a given wheel size
- Blind hole mount – requires mount (page 631)



Type 1 - plain bearing (compliant with EN12528)



Type 2 - precision ball bearing (compliant with EN12530)

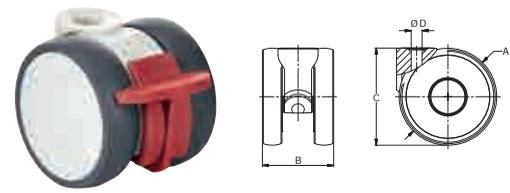
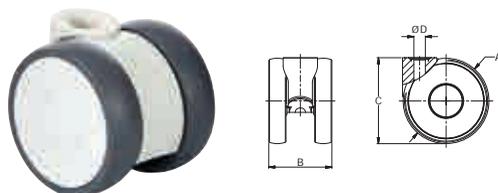
Part Number	Type	Brake	Dimensions (mm)				Dynamic Load Capacity (kg)	Standard Pack Quantity
			A	B	C	D		
1220432	1	No	55	37	57	10	40	100
1220433	1	Yes	55	37	57	10	40	100
1220434	1	No	65	46	68	10	60	100
1220435	1	Yes	65	46	68	10	60	50
1220436	1	No	75	55	75.5	10	80	60
1220437	1	Yes	75	55	75.5	10	80	60
1220438	2	No	100	73	100	11	100	20
1220439	2	Yes	100	73	100	11	100	18

## Linea Mini Heavy Duty Castors

SR 5682

**Polyamide Wheel Centre, Polyurethane Tread, RAL9002**

- Compliant with EN12530
- Precision ball bearing for easy motion
- Outstanding load capacity for a small castor – ideal for low profile applications such as bookshelves and shopfitting
- Blind hole mount – requires mount (page 631)



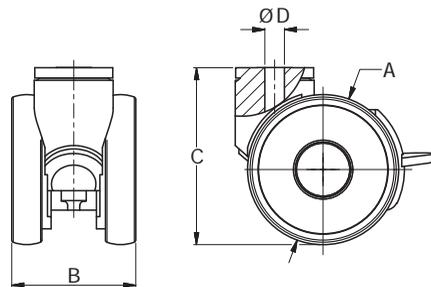
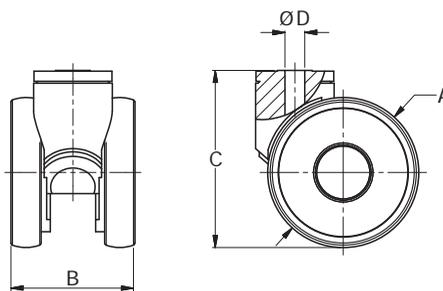
Part Number	Brake	Dimensions (mm)				Dynamic Load Capacity (kg)	Standard Pack Quantity
		A	B	C	D		
1220440	No	50	47.5	50	10	100	120
1220441	Yes	50	47.5	50	10	100	100

## Linea Institutional Castors

SR 5683

Polyamide Wheel Centre, Polyurethane Tread, RAL9002

- Compliant with EN12530
- Precision ball bearing for easy motion
- Suitable for constant movement in a professional environment
- Bolt hole fitting
- Stem fittings for this range can be found on page 631



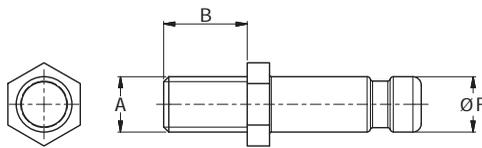
Part Number	Brake	Dimensions (mm)				Dynamic Load Capacity (kg)	Standard Pack Quantity
		A	B	C	D		
1220442	No	75	58	78	10	90	60
1220443	Yes	75	58	78	10	90	50
1220444	No	100	82	118	13	100	18
1220445	Yes	100	82	118	13	100	16
1220446	No	125	82	143	13	110	18
1220447	Yes	125	82	143	13	110	15
1220448	No	150	89	170	13	130	12
1220449	Yes	150	89	170	13	130	12

## Stem Fittings

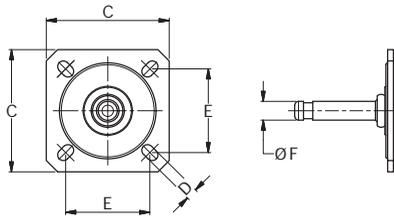
SR 5684

Bright Zinc Plated Steel

- Compatible with castors with blind hole mount
- Choose according to desired attachment method and size of castor mounting hole



Type 1 - threaded stud



Type 2 - plate fitting

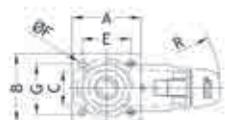
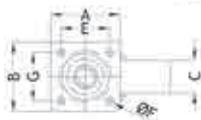
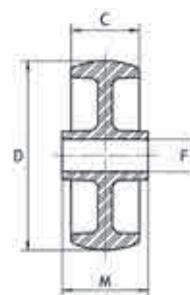
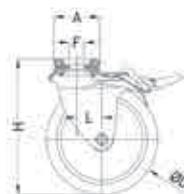
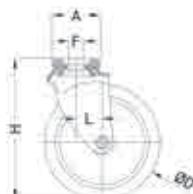
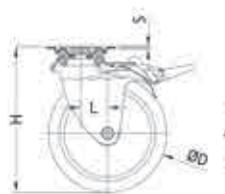
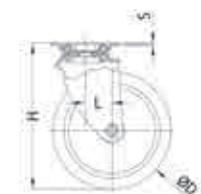
Part Number	Type	Dimensions (mm)						Dynamic Load Capacity (kg)	Standard Pack Quantity
		A	B	C	D	E	F		
1220450	1	M8	15	-	-	-	10	50	20
1220451	1	M10	15	-	-	-	10	80	20
1220452	1	M10	25	-	-	-	10	80	20
1220453	1	M10	25	-	-	-	11	100	20
1220454	1	M12	25	-	-	-	11	100	20
1220455	2	-	-	38	5	27	10	60	20
1220456	2	-	-	65	6	44.5	10	80	20
1220457	2	-	-	65	6	44.5	11	100	20

# INDUSTRIAL CASTORS – PLASTIC WHEELS

## Castor – Black Polypropylene Wheel

### Zinc Plated Steel Housing

- Suitable for light weight medical equipment, display cabinets and point-of-sale applications.
- Choice of fittings



Type 1

Type 2

Type 3

Type 4

Type 5

### SR 5646/SR 5647 - Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	L		
494721	1	40	17.5	47 x 47	33 x 33	5.5	62.0	18.5	25	110
494722	1	50	17.0	47 x 47	33 x 33	5.5	67.0	18.5	35	100
494723	1	60	21.5	47 x 47	33 x 33	5.5	79.0	18.5	40	80
494724	1	80	20.0	47 x 47	33 x 33	5.5	99.0	18.0	50	50
494725	2	50	17.0	47 x 47	33 x 33	5.5	67.5	27.0	35	80
494726	2	60	21.5	47 x 47	33 x 33	5.5	79.0	24.5	40	60
494727	2	80	20.0	47x47	33x33	5.5	99.0	23.0	50	40

### SR 5648/SR 5649 - Bolt Hole

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	F	H	L			
494728	3	40	17.5	33.5	10	62.5	18.5	25	125	
494729	3	50	17.0	33.5	10	67.5	18.5	35	110	
494730	3	60	21.5	33.5	10	79.0	18.5	40	80	
494731	3	80	20.0	33.5	10	97.0	18.0	50	50	
494732	4	50	17.0	33.5	10	67.5	27.0	35	90	
494733	4	60	21.5	33.5	10	79.0	24.5	40	60	
494734	4	80	20.0	33.5	10	99.0	23.0	50	40	

### SR 5685 - Wheel Only

Part Number	Type	Dimensions (mm)				Approx. Load Capacity	Standard Pack Quantity
		D	C	F	M		
1337481	5	40	18	7-8	22	24.5	120
1337482	5	50	18	7-8	22	35.7	100
1337483	5	60	21.5	8-10	27	40.8	80
1337484	5	80	21.5	8-10	27	50.1	60

## Black Polypropylene Twinwheel Castors

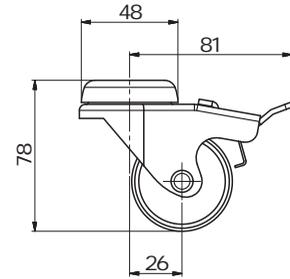
- Ideal for electronic cabinets or shopfitting applications
- For applications where a low level strong castor is required
- Swivel pressed steel housing with double ball race and swivel plate fitting
- Braked and unbraked available
- Zinc plated steel housing



Unbraked



Braked



### SR 5627 – Bolt Hole Fitting

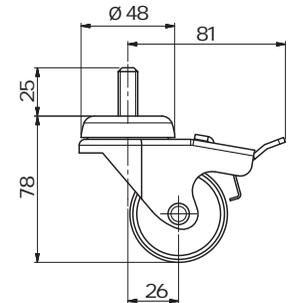
Part Number	Wheel Diameter	Approximate Load Capacity (kg)	Braked	Standard Pack Quantity
491131	50	70	No	40
491132	50	70	Yes	40



Unbraked



Braked



### SR 5628 – Threaded Stem

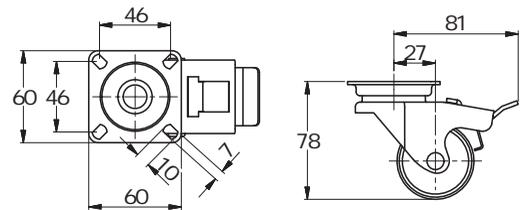
Part Number	Dimensions (mm)		Thread Size	Approximate Load Capacity (kg)	Braked	Standard Pack Quantity
	Wheel Diameter	Thread Length				
491133	50	25	M10	70	No	36
491134	50	25	M10	70	Yes	36



Unbraked



Braked



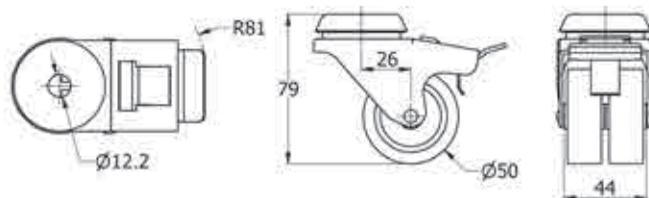
### SR 5658 – Swivel Plate Fitting

Part Number	Wheel Diameter	Approximate Load Capacity (kg)	Braked	Standard Pack Quantity
494759	50	70	No	40
494760	50	70	Yes	36

## Grey Rubber Twinwheel Castors

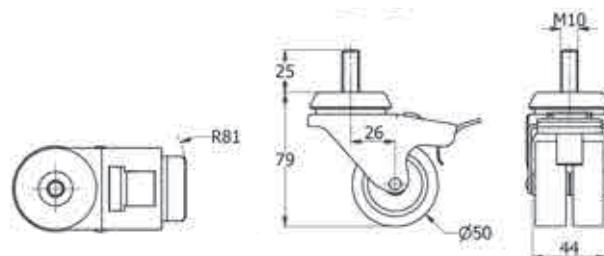
### SR 5772

- Grey synthetic rubber tyre
- For applications where a low level strong castor is required
- Swivel pressed steel housing with double ball race and bolt hole fitting
- Braked and unbraked available
- Zinc plated steel housing



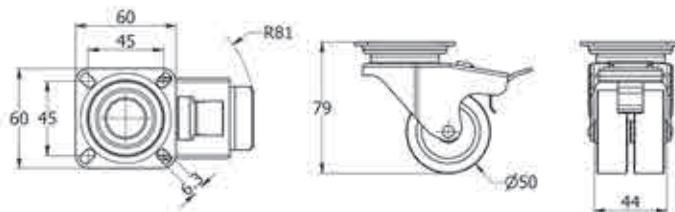
#### Bolt Hole Fitting

Part Number	Wheel Diameter (mm)	Approx Load Capacity (kg)	Braked	Standard Pack Quantity
499653	50	70	No	48
499654	50	70	Yes	40



#### Threaded Stem

Part Number	Dimensions (mm)		Thread Size	Approx Load Capacity (kg)	Braked	Standard Pack Quantity
	Wheel Diameter (mm)	Thread Length				
499655	50	25	M10	70	No	44
499656	50	25	M10	70	Yes	32



#### Swivel Plate Fitting

Part Number	Wheel Diameter (mm)	Approx Load Capacity (kg)	Braked	Standard Pack Quantity
499657	50	70	No	40
499658	50	70	Yes	32

## Castor - White Polyamide Wheel

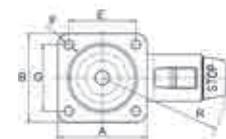
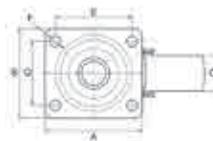
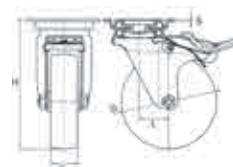
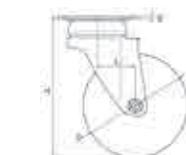
### Zinc Plated Steel Housing

- A full range of light to heavy duty castors suitable for use in a variety of applications
- Light duty - suitable for display units, restaurant equipment, trolleys, office and medical equipment
- Medium duty - suitable for trolleys, roll cages and material handling applications
- Heavy duty - suitable for trolleys, lifting equipment and automatic gates
- Good resistance to abrasion, petroleum and chemical agents
- Double ball race on types 1 to 6
- Total stop brake locks wheel and swivel on braked versions



### Swivel Plate SR5630/SR5659/SR5623/SR5604/SR5660/SR5624

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
491012	1	50	18	60 x 60	45 x 45	6.5	70	-	55	48
491013	1	60	22	60 x 60	45 x 45	6.5	90	-	60	36
491014	1	75	23	60 x 60	45 x 45	6.5	106	-	60	28
491015	1	80	22	60 x 60	45 x 45	6.5	109	-	60	28
491016	1	100	27	76 x 70	60 x 50	8.3	134	-	80	16
491017	1	125	27	76 x 70	60 x 50	8.3	159	-	80	12
494761	1	80	30	95 x 80	80 x 60	9.0	108	-	100	20
494762	1	100	30	95 x 80	80 x 60	9.0	127	-	120	16
494763	1	125	39	95 x 80	80 x 60	9.0	155	-	150	10
499818	1	150	40	98.7 x 80	80 x 60	9.0	184	-	180	6
491121	1	150	42	132 x 110	105 x 80	12.0	188	-	330	4
491122	1	200	50	132 x 110	105 x 80	12.0	243	-	600	2
491018	2	50	18	60 x 60	45 x 45	6.5	70	80	55	48
491019	2	60	22	60 x 60	45 x 45	6.5	90	84	60	36
491020	2	75	23	60 x 60	45 x 45	6.5	106	84	60	28
491021	2	80	22	60 x 60	45 x 45	6.5	109	84	60	28
491022	2	100	27	76 x 70	60 x 50	8.3	134	106	80	16
491023	2	125	27	76 x 70	60 x 50	8.3	159	106	80	12
494765	2	80	30	95 x 80	80 x 60	9.0	108	110	100	16
494766	2	100	30	95 x 80	80 x 60	9.0	127	110	120	14
494767	2	125	39	95 x 80	80 x 60	9.0	155	113	150	8
499819	2	150	40	98.7 x 80	80 x 60	9.0	184	115	180	6
491123	2	150	42	132 x 110	105 x 80	12.0	188	128	330	4
491124	2	200	50	132 x 110	105 x 80	12.0	243	158	600	2



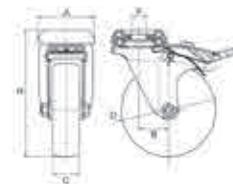
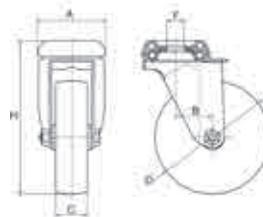
Type 1

Type 2



### Bolt Hole SR5600/SR5662

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	F	H	R			
490995	3	50	18	48	12	70	-	55	48	
490996	3	60	22	48	12	90	-	60	40	
490997	3	75	23	48	12	106	-	60	36	
490998	3	80	22	48	12	109	-	60	36	
490999	3	100	27	57	12	134	-	80	16	
491000	3	125	27	57	12	159	-	80	12	
494773	3	80	30	64	12	108	-	100	20	
494774	3	100	30	64	12	127	-	120	16	
494775	3	125	39	64	12	155	-	120	12	
491001	4	50	18	48	12	70	80	55	48	
491002	4	60	22	48	12	90	84	60	40	
491003	4	75	23	48	12	106	84	60	36	
491004	4	80	23	48	12	109	84	60	36	
491005	4	100	27	57	12	134	106	80	16	
491006	4	125	27	57	12	159	106	80	12	
494776	4	80	30	64	12	108	110	100	16	
494777	4	100	30	64	12	127	110	120	14	
494778	4	125	39	64	12	155	113	120	12	



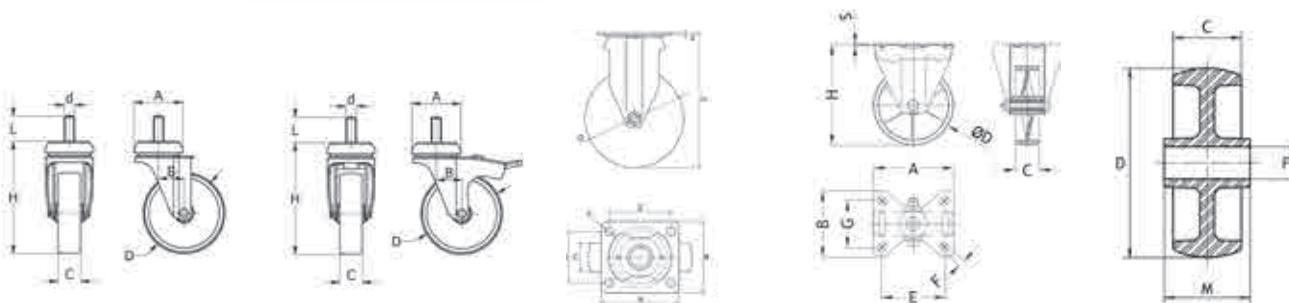
Type 3

Type 4

CONTINUED ON NEXT PAGE

# INDUSTRIAL CASTORS – POLYAMIDE WHEELS

## Castor – White Polyamide Wheel *CONTINUED*



Type 5

Type 6

Type 7

Type 8

Type 9

### Threaded Stem SR5777/SR5778/SR5783/SR5784

Part Number	Type	Thread Size	Dimensions (mm)			Approx. Load Capacity (kg)	Standard Pack Quantity
			D	C	H		
497935	5	M10 x 25	50	24	70	55	52
497936	5	M10 x 25	60	28	90	60	36
497937	5	M10 x 25	75	28	106	60	32
497938	5	M10 x 25	80	28	109	60	32
497939	5	M12 x 30	100	33	132	80	16
497940	5	M12 x 30	125	33	157	80	12
497967	5	M12 x 28	80	40	108	100	20
497968	5	M12 x 28	100	40	127	120	16
497969	5	M12 x 28	125	44	155	120	12
497941	6	M10 x 25	50	24	70	55	52
497942	6	M10 x 25	60	28	90	60	36
497943	6	M10 x 25	75	28	106	60	32
497944	6	M10 x 25	80	28	109	60	32
497945	6	M12 x 30	100	33	132	80	16
497946	6	M12 x 30	125	33	157	80	12
497970	6	M12 x 28	80	40	108	100	16
497971	6	M12 x 28	100	40	127	120	14
497972	6	M12 x 28	125	44	155	120	12

### Fixed Plate SR5602/SR5661/SR5774

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
491007	7	50	18	60 x 60	45 x 45	6.5	70	55	48
491008	7	60	22	60 x 60	45 x 45	6.5	90	60	40
491009	7	75	23	60 x 60	45 x 45	6.5	106	60	36
491010	7	80	22	60 x 60	45 x 45	6.5	109	60	36
491011	7	100	27	76 x 70	60 x 50	8.3	134	80	12
494769	8	80	30	100 x 84	80 x 60	9	108	100	16
494770	8	100	30	100 x 84	80 x 60	9	127	120	12
494771	8	125	39	100 x 84	80 x 60	9	155	150	10
499820	8	150	40	100 x 84	80 x 60	9	184	180	6
499662	8	150	48	135 x 111	105 x 80	11	188	330	4
499663	8	200	60	135 x 114	105 x 80	12.3	240	600	2

### SR5629 – Wheel Only

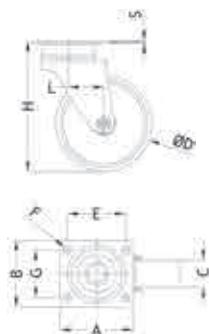
Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
491138	9	50	17	8	21.5	55	48
491139	9	60	22	10	27	60	48
491140	9	75	23	8	28	80	48
491141	9	80	22	10	27	80	48
491142	9	100	27	12	32	90	44
1337480	9	125	27	12	32	122	20

Compatible with SR5600-SR5614 castors  
N.B. Styles may vary

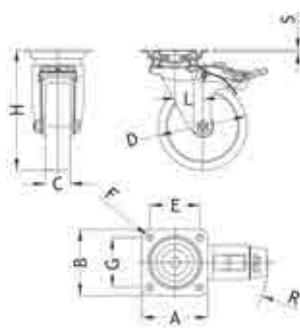
## Castor – White Polyamide Wheel

### Stainless Steel Housing

- Ideal for catering and medical industries
- Good resistance to corrosion and rust, water and chemicals
- Choice of fittings



Type 1



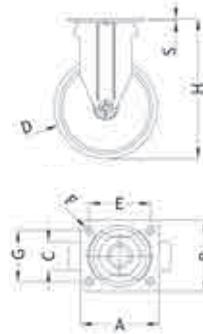
Type 2



Type 3



Type 4



Type 5

### SR5632/SR5633 – Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
494473	1	60	22	60 x 60	45 x 45	6.5	90	-	60	40
494474	1	80	22	60 x 60	45 x 45	6.5	109	-	60	36
494475	1	100	27	76 x 70	60 x 50	8.3	134	-	80	16
494476	1	125	27	76 x 70	60 x 50	8.3	159	-	80	12
494477	2	60	22	60 x 60	45 x 45	6.5	90	84	60	40
494478	2	80	22	60 x 60	45 x 45	6.5	109	84	60	36
494479	2	100	27	76 x 70	60 x 50	8.3	134	106	80	16
494480	2	125	27	76 x 70	60 x 50	8.3	159	106	80	12

### SR5664 – Fixed Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
494814	5	60	22	60 x 60	45 x 45	6.5	90	-	60	40
494815	5	80	22	60 x 60	45 x 45	6.5	109	-	60	36
494816	5	100	27	76 x 70	60 x 50	8.3	134	-	80	12
494817	5	125	27	76 x 70	60 x 50	8.3	159	-	80	10

### SR5630/SR5631 – Bolt Hole

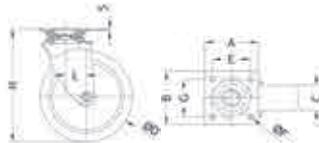
Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
494463	3	60	22	48	12	9	90	-	60	40
494464	3	80	22	48	12	10.9	109	-	60	36
494465	3	100	27	57	12	13.2	132	-	80	16
494466	3	125	27	57	12	15.6	156	-	80	12
494467	4	60	22	48	12	9	90	84	60	40
494468	4	80	22	48	12	10.9	109	84	60	36
494469	4	100	27	57	12	13.2	132	106	80	16
494470	4	125	27	57	12	15.6	156	106	80	12

# INDUSTRIAL CASTORS – RUBBER TYRES

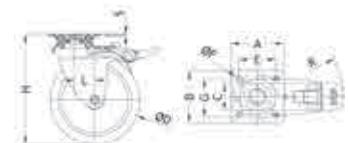
## Castor – Grey Synthetic Rubber Tyre

### Zinc Plated Steel Housing, Plastic Wheel Centre

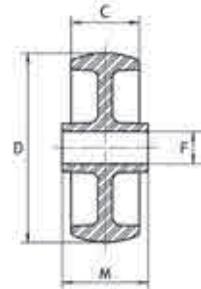
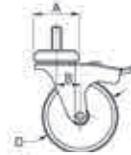
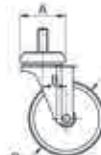
- Suitable for lightweight medical equipment, display cabinets and point-of-sale applications
- Plastic rubber tyre not resistant to contact with greases, oils or chlorides
- Choice of fittings



Type 1



Type 2



Type 3

Type 4

Type 5

Type 6

Type 7

### SR5650/SR5651 - Swivel Plate

Part Number	Type	Dimensions (mm)								Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	L	R		
494735	1	40	18.5	47 x 47	33 x 33	5.5	62	18.5	-	25	100
494736	1	50	18.5	47 x 47	33 x 33	5.5	67	18.5	-	35	95
494737	1	63	21.5	47 x 47	33 x 33	5.5	80	18.5	-	40	70
494738	1	80	22.0	47 x 47	33 x 33	5.5	99	18.0	-	50	40
494739	2	50	18.5	47 x 47	33 x 33	5.5	67.5	27.0	77	35	80
494740	2	63	21.5	47 x 47	33 x 33	5.5	80.5	24.5	77	40	60
494741	2	80	22.0	47 x 47	33 x 33	5.5	99.0	23.0	77	50	40

### SR5775/SR5776 - Threaded Stem

Part Number	Type	Thread Size	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
			D	C	H	B		
497921	5	M10 x 25	40	24	62.5	18.5	25	96
497922	5	M10 x 25	50	24	67.5	18.5	35	92
497923	5	M10 x 25	63	28	80.5	18.5	40	68
497924	5	M10 x 25	80	28	98.0	18.0	50	40
497926	6	M10 x 25	50	24	67.5	27.0	35	72
497927	6	M10 x 25	63	28	80.5	24.5	40	48
497928	6	M10 x 25	80	28	98.0	23.0	50	32

### SR5652/SR5653 - Bolt Hole

Part Number	Type	Dimensions (mm)								Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	F	H	L	R			
494742	3	40	18.5	33.5	10	62.5	18.5	-	25	120	
494743	3	50	18.5	33.5	10	67.5	18.5	-	35	100	
494744	3	63	21.5	33.5	10	80.5	18.5	-	40	75	
494745	3	80	22.0	33.5	10	99	18.0	-	50	40	
494746	4	50	18.5	33.5	10	67.5	27.0	77	35	80	
494747	4	63	21.5	33.5	10	80.5	24.5	77	40	60	
494748	4	80	22.0	33.5	10	99.0	23.0	77	50	40	

### SR 5686 - Wheel Only

- Hardness: 73 ±3 Shore A

- Temperature: -5°C to 50°C

- Maximum Speed: 3Km/h

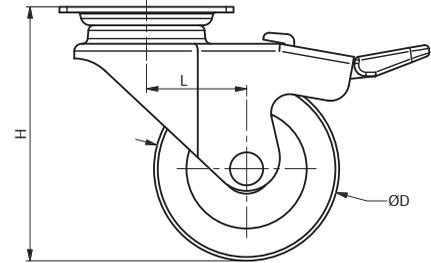
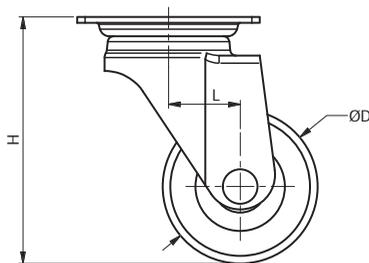
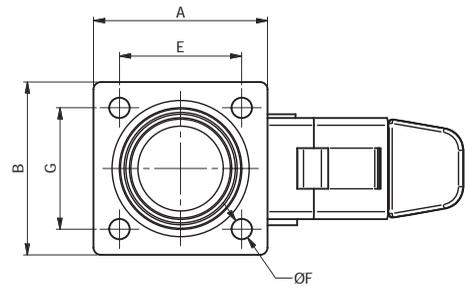
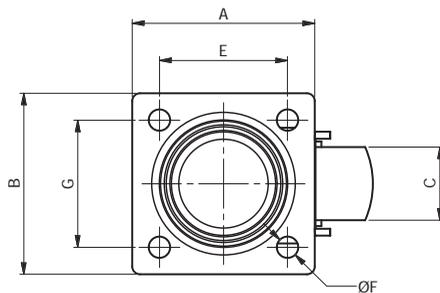
Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
1337474	7	40	18	8	22	25.5	120
1337475	7	50	18	8	22	40.8	100
1337476	7	63	22	10	27	61.2	80
1337477	7	80	22	10	27	61.2	60
1337478	7	100	27	12	32	81.6	32
1337479	7	125	27	12	32	81.6	20

## Castor- Blue Soft Polyurethane Wheel

SR 5687

Stainless Steel Housing, Polyamide 6 Centre

- Ideal for medium duty applications such as trolleys for medium loads
- Good resistance to wear, shocks, greases and several petroleum byproducts
- Ambient temperatures: between -10°C and 60°C
- Maximum Speed 4 Km/h
- Blue soft polyurethane tyre with hardness 82 ± 4 Shore D



Type 1

Type 2

### Swivel Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
1337458	1	80	28	95 x 80	80 x 60	9	108	71.4	20
1337460	1	100	30	95 x 80	80 x 60	9	127	112.2	16
1337459	2	80	28	95 x 80	80 x 60	9	108	71.4	16
1337461	2	100	30	95 x 80	80 x 60	9	127	112.2	12



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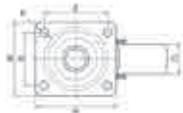
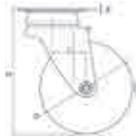
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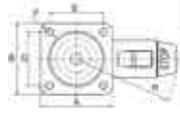
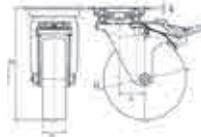
## Castor – Grey Natural Rubber Tyre

### Zinc Plated Steel Housing, Plastic Wheel Centre

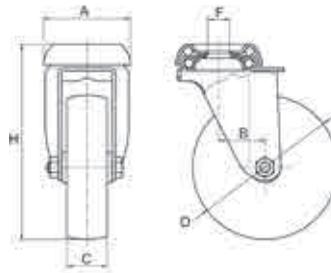
- Suitable for medical equipment, display cabinets, point-of-sale, educational furniture, computer and office furniture
- Natural grey rubber tyre not resistant to contact with greases, oils or chloride
- Double ball race on types 1 to 4
- Threadguards as standard
- Total stop brake locks wheel and swivel on braked versions
- Choice of fittings



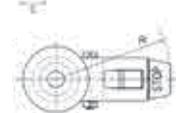
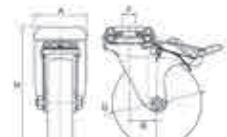
Type 1



Type 2



Type 3



Type 4

### SR5608/SR5609 – Swivel Plate

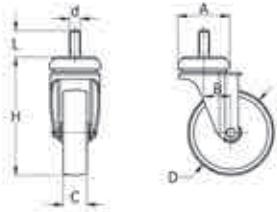
Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
491035	1	60	20	60 x 60	45 x 45	6.5	90	-	60	36
491036	1	80	22	60 x 60	45 x 45	6.5	109	-	60	32
491037	1	100	28	76 x 70	60 x 50	8.3	134	-	80	16
491038	1	125	28	76 x 70	60 x 50	8.3	159	-	80	12
491039	2	60	20	60 x 60	45 x 45	12	90	84	60	36
491040	2	80	22	60 x 60	45 x 45	12	109	84	60	32
491041	2	100	28	76 x 70	60 x 50	12	134	106	80	16
491042	2	125	28	76 x 70	60 x 50	12	159	106	80	12

### SR5605/SR5606 – Bolt Hole

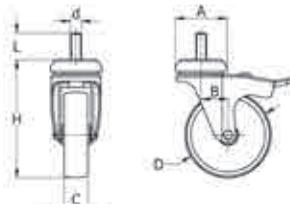
Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	B	F	H	R		
491024	3	60	20	48	26	12	90	-	60	40
491025	3	80	22	48	25	12	109	-	60	32
491026	3	100	28	57	36	12	134	-	80	16
491027	3	125	28	57	35	12	159	-	80	12
491028	4	60	20	48	28	12	90	84	60	40
491029	4	80	22	48	25	12	109	84	60	32
491030	4	100	28	57	35	12	134	106	80	16
491031	4	125	28	57	33	12	159	106	80	14

# INDUSTRIAL CASTORS – RUBBER TYRES

## Castor – Grey Natural Rubber Tyre CONTINUED



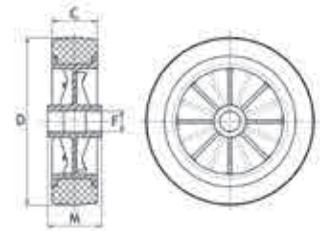
Type 5



Type 6



Type 7



Type 8

### SR5779/SR5780 – Threaded Stem

Part Number	Type	Thread Size	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
			D	C	H	B		
497947	5	10 x 25	60	20	90	26	60	36
497948	5	10 x 25	80	22	109	25	60	32
497949	5	12 x 30	100	28	132	36	80	16
497950	5	12 x 30	125	28	157	35	80	12
497951	6	10 x 25	60	20	90	26	60	36
497952	6	10 x 25	80	22	109	25	60	32
497953	6	12 x 30	100	28	132	36	80	16
497954	6	12 x 30	125	28	157	35	80	12

### SR5629 – Wheel Only

Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
491143	8	60	20	10	27	60	48
491144	8	80	22	10	27	60	48
491145	8	100	28	12	32	80	40

Compatible with SR5600–SR5614 castors

### SR5607 – Fixed Plate

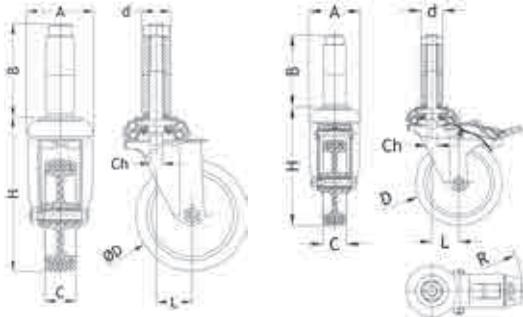
Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
491032	7	60	20	60 x 60	45 x 45	6.5	90	60	40
491033	7	80	22	60 x 60	45 x 45	6.5	109	60	32
491034	7	100	28	76 x 70	60 x 50	8.3	134	80	16

## Castor - Grey Rubber Tyre Fitting

SR 5634/SR 5635

Zinc Plated Housing, Plastic Wheel Centre

- Expander fitting allows castors to be fitted into a hollow tube
- Swivel plate
- Provides secure fitting to all popular sizes of round and square tubing
- Supplied fully assembled



Type 1



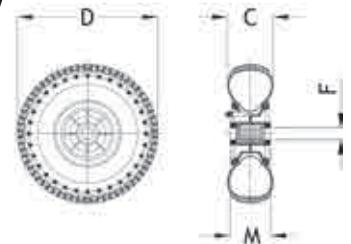
Type 2

Part Number	Type	Dimensions (mm)									To Fit Tube Size (mm)	Shape	Approximate Load Capacity (kg)	Standard Pack Quantity
		D	A	B	C	H	L	R	CH					
494451	1	80	48	67	22	111	25	-	9	19-22	Round	60	30	
494452	1	80	48	68	22	111	25	-	9	21-23	Round	60	30	
494453	1	80	48	69	22	111	25	-	9	17 x 17-19 x 19	Square	60	30	
494454	1	80	48	70	22	111	25	-	9	22 x 22-24 x 24	Square	60	30	
494455	1	100	57	71	27	136	36	-	9	19-22	Round	80	16	
494456	1	100	57	72	27	136	36	-	9	21-23	Round	80	16	
494457	1	100	57	73	27	136	36	-	9	17 x 17-19 x 19	Square	80	16	
494458	1	100	57	74	27	136	36	-	9	22 x 22-24 x 24	Square	80	16	
494491	2	80	48	75	22	111	25	84	9	19-22	Round	60	28	
494492	2	80	48	76	22	111	25	84	9	21-23	Round	60	28	
494493	2	80	48	77	22	111	25	84	9	17 x 17-19 x 19	Square	60	28	
494494	2	80	48	78	22	111	25	84	9	22 x 22-24 x 24	Square	60	28	
494495	2	100	57	79	27	136	36	106	9	19-22	Round	80	14	
494496	2	100	57	80	27	136	36	106	9	21-23	Round	80	14	
494497	2	100	57	81	27	136	36	106	9	17 x 17-19 x 19	Square	80	14	
494498	2	100	57	82	27	136	36	106	9	22 x 22-24 x 24	Square	80	14	

## Wheel – Black Rubber Tyre

SR 5629

Plastic Centre – Plain or Roller Bearing



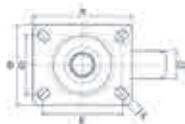
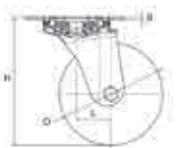
Part Number	Dimensions (mm)				Pressure Max. Bar	Style	Standard Pack Quantity
	D	C	F	M			
494781	85	260	20	75	2.0	Plain Bearing	2
494782	50	200	20	59	1.8	Roller Bearing	6
494783	85	260	20	75	2.0	Roller Bearing	2

## Castor – Blue Natural Rubber Tyre

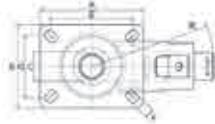
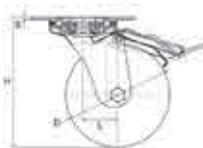
SR 5688

Zinc Plated Steel Housing, Plastic Wheel Centre

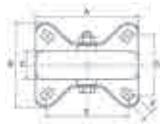
- Suitable for transport cases, catering equipment, flight cases, trolleys
- Non marking blue rubber tyre not resistant to contact with greases, oils and chloride
- Total stop brake locks wheel and swivel on braked versions
- Double ball race on types 1 and 2
- Choice of fittings



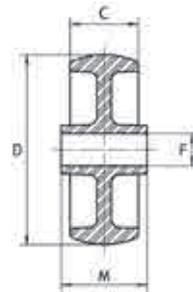
Type 1



Type 2



Type 3



Type 4

### SR5621/SR5622 - Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
491115	1	80	36	99 x 80	80 x 60	9	108	-	150	12
491116	1	100	36	99 x 80	80 x 60	9	127	-	150	12
491117	1	125	36	99 x 80	80 x 60	9	160	-	160	8
491118	2	80	36	99 x 80	80 x 60	9	108	116	150	12
491119	2	100	36	99 x 80	80 x 60	9	127	116	150	12
491120	2	125	36	99 x 80	80 x 60	9	160	130	200	8

### SR5773 - Fixed Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
499659	3	80	40	100 x 84	80 x 60	9	108	150	16
499660	3	100	40	100 x 84	80 x 60	9	127	150	12
499661	3	125	44	100 x 84	80 x 60	9	155	200	8

### SR5688 - Wheel Only

- Hardness 70 ±3 Sh. A.

- Temperature: -20°C to 50°C

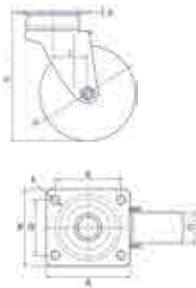
- Maximum Speed: 4 Km/h

Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
1337471	4	80	36	12	40	152.3	48
1337472	4	100	36	12	40	152.3	36
1337473	4	125	36	15	45	203.1	20

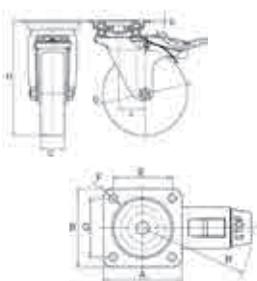
## Castors – Dark Grey Synthetic Rubber Tyre

### Zinc Plated Steel Housing, Plastic Wheel Centre

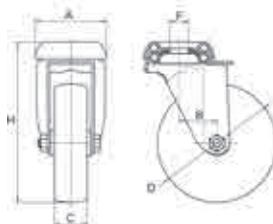
- Suitable for medical equipment, display cabinets, point-of-sale, educational furniture, computer and office furniture
- Thermoplastic rubber tyre not resistant to contact with greases, oils or chloride
- Double ball race on types 1 to 6
- Total stop brake locks wheel and swivel on braked versions
- Non-marking rubber - Shore A 93 hardness



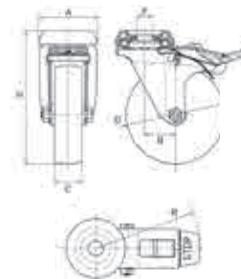
Type 1



Type 2



Type 3



Type 4

### SR5613/SR5614 – Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
491060	1	50	18	60 x 60	45 x 45	6.5	70	-	40	52
491061	1	63	22	60 x 60	45 x 45	6.5	90	-	60	40
491062	1	75	24	60 x 60	45 x 45	6.5	106	-	60	32
491063	1	80	22	60 x 60	45 x 45	6.5	109	-	60	32
491064	1	100	27	76 x 70	60 x 50	8.3	134	-	80	16
491065	1	125	27	76 x 70	60 x 50	8.3	159	-	80	12
491066	2	50	18	60 x 60	45 x 45	6.5	70	80	40	52
491067	2	63	22	60 x 60	45 x 45	6.5	90	84	60	40
491068	2	75	24	60 x 60	45 x 45	6.5	106	84	60	32
491069	2	80	22	60 x 60	45 x 45	6.5	109	84	60	32
491070	2	100	27	76 x 70	60 x 50	8.3	134	106	80	16
491071	2	125	27	76 x 70	60 x 50	8.3	159	106	80	12

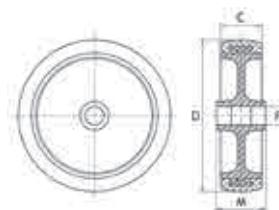
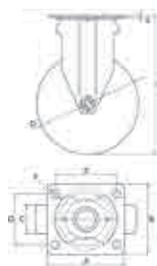
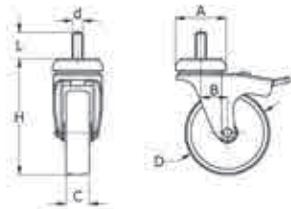
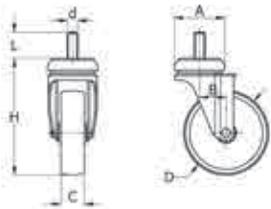
### SR5610/SR5611 – Bolt Hole

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	B	F	H	R		
491043	3	50	18	48	26	12	70	-	40	52
491044	3	63	22	48	26	12	90	-	60	40
491045	3	75	24	48	25	12	106	-	60	32
491046	3	80	22	48	25	12	109	-	60	32
491047	3	100	27	57	36	12	134	-	80	16
491048	3	125	27	57	35	12	159	-	80	16
491049	4	50	18	48	26	12	70	80	40	52
491050	4	63	22	48	28	12	90	84	60	40
491051	4	75	24	48	25	12	106	51	60	32
491052	4	80	22	48	25	12	109	84	60	32
491053	4	100	27	57	35	12	134	106	80	16
491054	4	125	27	57	33	12	159	106	80	16

CONTINUED ON NEXT PAGE

# INDUSTRIAL CASTORS – RUBBER TYRES

## Castors – Dark Grey Synthetic Rubber Tyre *CONTINUED*



Type 5

Type 6

Type 7

Type 8

### SR5781/SR5782 – Threaded Stem

Part Number	Type	Thread Size	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
			D	C	H	B		
497955	5	M10 x 25	50	24	70.0	26	40	52
497956	5	M10 x 25	63	28	91.5	26	60	36
497957	5	M10 x 25	75	28	106.0	25	60	32
497958	5	M10 x 25	80	28	109.0	25	60	32
497959	5	M12 x 30	100	33	132.0	36	80	16
497960	5	M12 x 30	125	33	157.0	35	80	12
497961	6	M10 x 25	50	24	70.0	26	40	52
497962	6	M10 x 25	63	28	91.5	28	60	36
497963	6	M10 x 25	75	28	106.0	25	60	32
497964	6	M10 x 25	80	28	109.0	25	60	32
497965	6	M12 x 30	100	33	132.0	35	80	16
497966	6	M12 x 30	125	33	157.0	33	80	12

### SR5612 – Fixed Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
491055	7	50	18	60 x 60	45 x 45	6.5	70	40	52
491056	7	63	22	60 x 60	45 x 45	6.5	90	60	40
491057	7	75	24	60 x 60	45 x 45	6.5	106	60	32
491058	7	80	22	60 x 60	45 x 45	6.5	109	60	32
491059	7	100	27	76 x 70	60 x 50	8.3	134	80	16

### SR5629 – Wheel Only

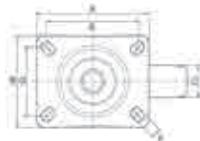
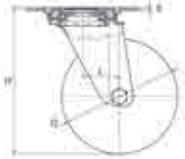
Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
491149	8	50	19	8	22	40	68
491150	8	63	22	10	27	60	48
491151	8	75	24	8	27	60	48
491152	8	80	22	10	27	60	48
491153	8	100	27	12	32	80	48

Compatible with SR5600-SR5614 castors

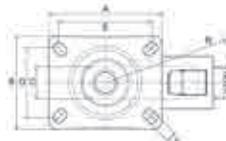
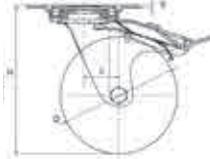
## Castor – Black Natural Rubber Tyre

### Zinc Plated Steel Housing, Plastic Wheel Centre

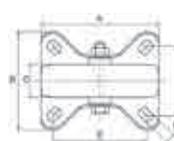
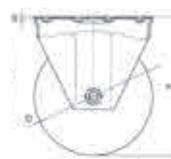
- Suitable for heavier duty applications such as trolleys, cabinets, waste equipment and workstations
- Black rubber tyre not resistant to grease, oils, chlorides and solvents
- Total stop brake locks wheel and swivel on braked versions
- Choice of fittings



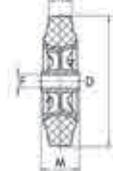
Type 1



Type 2



Type 3



Type 4

### SR5616/SR5617 – Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
491080	1	80	25.0	97 x 80	80 x 60	9	108	-	50	16
491081	1	100	30.0	97 x 80	80 x 60	9	127	-	70	12
491082	1	125	38.0	97 x 80	80 x 60	9	155	-	100	12
499815	1	150	40.0	98.7 x 80	80 x 60	9	184	-	130	6
491083	1	150	40.0	133 x 106	105 x 80	11	192	-	140	6
491085	1	180	45.0	129 x 106	105 x 80	11	230	-	170	4
491086	1	200	50.0	129 x 106	105 x 80	11	240	-	205	2
491087	2	80	25.0	97 x 80	80 x 60	9	108	110	50	16
491088	2	100	30.0	97 x 80	80 x 60	9	127	110	70	12
491089	2	125	37.5	97 x 80	80 x 60	9	155	113	100	10
499816	2	150	40.0	98.7 x 80	80 x 60	9	184	115	130	6
491090	2	150	40.0	133 x 106	105 x 80	11	185	150	140	4
491092	2	180	45.0	129 x 106	105 x 80	11	230	150	170	2
491093	2	200	50.0	129 x 106	105 x 80	11	240	150	205	2

### SR5615 – Fixed Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
491072	3	80	25.0	100 x 84	80 x 60	9	108	50	16
491073	3	100	30.0	100 x 84	80 x 60	9	127	70	12
491074	3	125	37.5	100 x 84	80 x 60	9	155	100	8
491075	3	150	40.0	116 x 84	80 x 60	9	183	130	6
499817	3	150	40.0	100 x 84	80 x 60	9	184	140	6
491078	3	180	45.0	135 x 110	105 x 80	11	230	170	2
491079	3	200	50.0	135 x 110	105 x 80	11	240	205	2

### SR5629 – Wheel Only

Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
491146	4	80	25.0	12	39	50	48
491147	4	100	30.0	12	39	70	36
491148	4	125	37.5	15	44	100	20

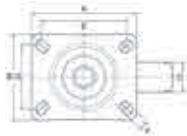
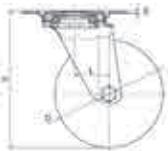
Compatible with SR5615 - SR5620 castors

# INDUSTRIAL CASTORS – RUBBER TYRES

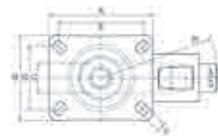
## Castor – Black Natural Rubber Tyre

Zinc Plated Steel Housing and Wheel Centre

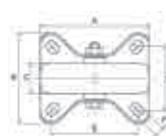
- Suitable for heavier duty applications such as trolleys, cabinets, waste equipment and workstations
- Black rubber tyre not resistant to grease, oils, chlorides and solvents
- Total stop brake locks wheel and swivel on braked versions
- Roller bearing for smooth motion
- Choice of fittings



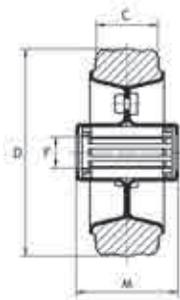
Type 1



Type 2



Type 3



Type 4

### SR5619/SR5620 – Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Std Pack Qty
		D	C	A x B	E x G	F	H	R		
491101	1	80	25.0	97 x 80	80 x 60	9	108	-	50	16
491102	1	100	30.0	97 x 80	80 x 60	9	127	-	70	12
491103	1	125	37.5	97 x 80	80 x 60	9	155	-	110	12
499812	1	150	40.0	98.7 x 80	80 x 60	9	184	-	140	6
491104	1	150	40.0	133 x 106	105 x 80	11	184	-	150	6
491106	1	180	45.0	129 x 106	105 x 80	11	230	-	180	4
491107	1	200	50.0	129 x 106	105 x 80	11	240	-	220	2
491108	2	80	25.0	97 x 80	80 x 60	9	108	110	50	16
491109	2	100	30.0	97 x 80	80 x 60	9	127	110	70	12
491110	2	125	37.5	97 x 80	80 x 60	9	155	113	110	10
499813	2	150	40.0	98.7 x 80	80 x 60	9	184	115	140	2
491111	2	150	40.0	133 x 106	105 x 80	11	184	150	150	4
491113	2	180	45.0	129 x 106	105 x 80	11	230	150	150	4
491114	2	200	50.0	129 x 106	105 x 80	11	240	150	220	2

### SR5618 – Fixed Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Std Pack Qty
		D	C	A x B	E x G	F	H		
491094	3	80	25.0	100 x 84	80 x 60	9.0	108	50	16
491095	3	100	30.0	100 x 84	80 x 60	9.0	127	70	14
491096	3	125	37.5	116 x 84	80 x 60	9.0	160	110	12
499814	3	150	40.0	100 x 84	80 x 60	9.0	184	150	6
491097	3	150	40.0	135 x 110	105 x 80	11.0	184	150	6
491099	3	180	45.0	135 x 110	105 x 80	11.0	230	180	2
491100	3	200	50.0	135 x 110	105 x 80	11.0	240	220	2

### SR5629 – Wheel Only

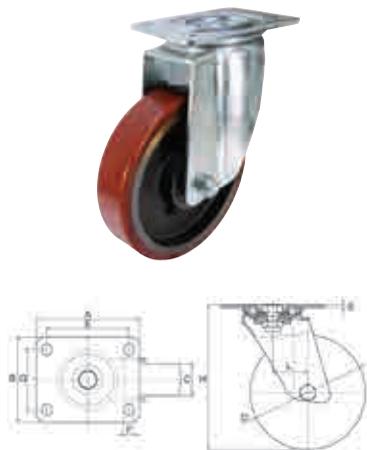
Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Std Pack Qty
		D	C	F	M		
491135	4	80	25.0	12	39	50	48
491136	4	100	30.0	12	39	70	36
491137	4	125	37.5	15	44	110	20

Compatible with SR5615-SR5620 castors

## Castor - Red Polyurethane Tyre

### Zinc Plated Steel Housing, Cast Iron Wheel Centre

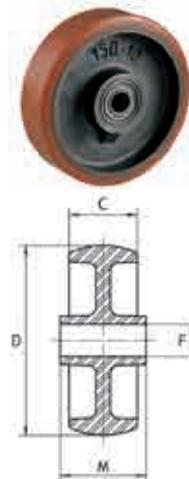
- Ideal for heavy-duty applications such as trolleys, lifting equipment and automatic gates
- Good resistance to wear, greases and petroleum byproducts
- Double ball race crown
- Ball bearings for smooth motion
- Total stop brake locks wheel and swivel



Type 1



Type 2



Type 3

### SR5625/SR5626 – Swivel Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
494784	1	80	25	100 x 84	80 x 60	9	125	160	7
494785	1	100	30	100 x 84	80 x 60	9	135	225	6
494786	1	125	30	100 x 84	80 x 60	9	161	300	5
491125	1	150	40	132 x 110	105 x 80	12	188	400	2
491126	1	175	40	132 x 110	105 x 80	12	230	650	2
491127	1	200	50	132 x 110	105 x 80	12	243	700	2
494787	2	80	25	100 x 84	80 x 60	9	125	160	6
494788	2	100	30	100 x 84	80 x 60	9	135	225	5
494789	2	125	30	100 x 84	80 x 60	9	161	300	4
491128	2	150	40	132 x 110	105 x 80	12	188	400	2
491129	2	175	40	132 x 110	105 x 80	12	230	650	2
491130	2	200	50	132 x 110	105 x 80	12	243	700	2

### SR5689 – Wheel Only

- Hardness: 92 ±2 Sh. A.
- Temperature: -20°C to 50°C
- Maximum Speed: 4 Km/h

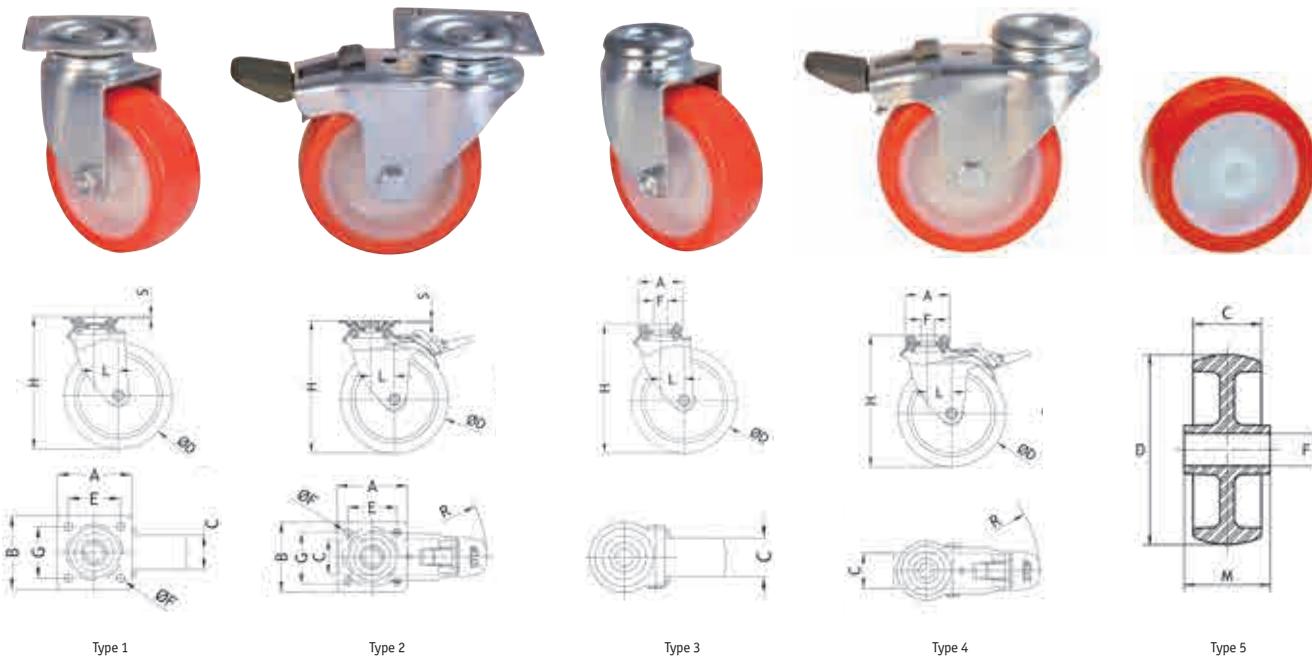
Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
1337465	3	80	25	15	25	163.1	20
1337466	3	100	30	15	30	229.4	16
1337467	3	125	30	15	35	305.9	8
1337468	3	150	40	17	40	458.9	4
1337469	3	175	40	40	40	662.8	4
1337470	3	200	50	60	60	968.7	2

# INDUSTRIAL CASTORS – PU TYRES

## Castor – Red Polyurethane Tyre

### Zinc Plated Steel Housing, Plastic Wheel Centre

- Suitable for light weight medical equipment, display cabinets and point-of-sale applications
- Good resistance to wear, greases and petroleum by-products
- Choice of fittings



### SR5654/SR5655 – Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	L		
494749	1	40	18.5	47 x 47	33 x 33	5.5	62.5	18.5	25	90
494750	1	50	18.5	47 x 47	33 x 33	5.5	67.5	18.5	35	80
494751	1	63	21.5	47 x 47	33 x 33	5.5	80.5	18.5	40	60
494752	2	50	18.5	47 x 47	33 x 33	5.5	67.5	27.0	35	68
494753	2	63	21.5	47 x 47	33 x 33	5.5	80.5	24.5	40	52

### SR5656/SR5657 – Bolt Hole

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	F	H	L		
494754	3	40	17.5	33.5	10	62.5	18.5	25	110
494755	3	50	17.0	33.5	10	67.5	18.5	35	100
494756	3	63	21.5	33.5	10	80.5	18.5	40	75
494757	4	50	18.5	33.5	10	67.5	27.0	35	80
494758	4	63	21.5	33.5	10	80.5	24.5	40	60

### SR5690 – Wheel Only

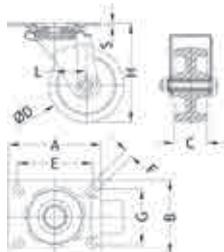
- Polyamide 6 centre and red (RAL 3020) thermoplastic Polyurethane tyre

Part Number	Type	Dimensions (mm)				Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	F	M		
1337462	5	40	18	7	22	50.1	120
1337463	5	50	18	7-8	22	56.1	100
1337464	5	63	22	10	27	61.2	80

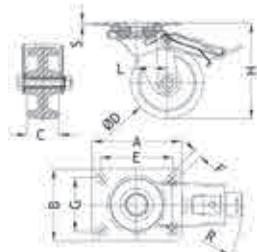
## Castor – Phenolic Wheel

### Stainless Steel Housing

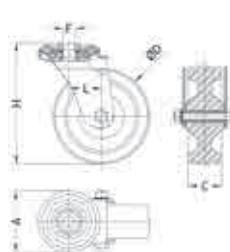
- Stainless steel housing resistant to corrosion and rust
- Suitable for high temperature operating environments (up to 260°C)
- Ideal for powder coating, bakery ovens and other applications where resistance to temperatures is required
- Good resistance to water and chemicals



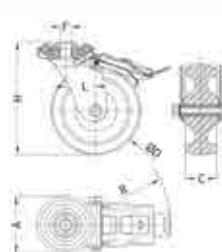
Type 1



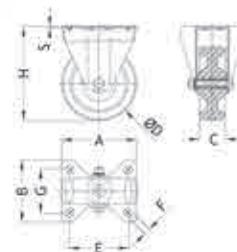
Type 2



Type 3



Type 4



Type 5

### SR5641/SR5642 – Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
494711	1	80	35	95 x 80	80 x 60	9	108	-	100	18
494712	1	100	35	95 x 80	80 x 60	9	127	-	150	14
494713	2	80	35	95 x 80	80 x 60	9	108	110	100	16
494714	2	100	35	95 x 80	80 x 60	9	127	110	150	14

### SR5643/SR5644 – Bolt Hole

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	F	H	R			
494715	3	80	35	64	12	108	-	100	20	
494716	3	100	35	64	12	127	-	120	16	
494717	4	80	35	64	12	108	110	100	16	
494718	4	100	35	64	12	127	110	120	12	

### SR5645 – Fixed Plate

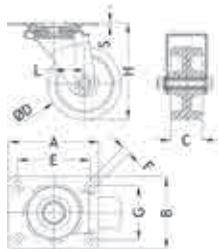
Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
494719	5	80	35	100 x 85	80 x 60	9	108	100	16
494720	5	100	35	100 x 85	80 x 60	9	127	150	12

# INDUSTRIAL CASTORS – PHENOLIC WHEELS

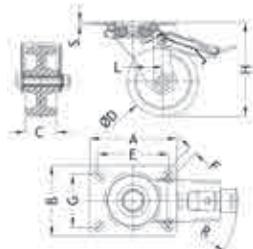
## Castor – Phenolic Wheel

### Zinc Plated Steel Housing

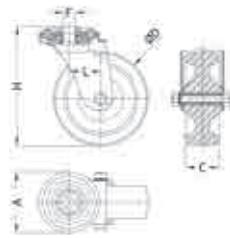
- Suitable for high temperature operating environments (up to 260°C)
- Ideal for powder coating, bakery ovens and other applications where resistance to temperatures is required
- Good resistance to water and chemicals



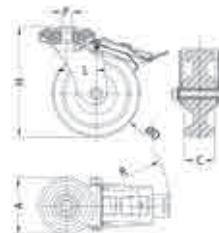
Type 1



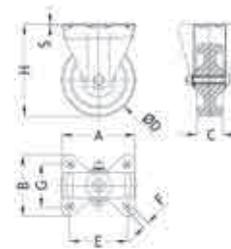
Type 2



Type 3



Type 4



Type 5

### SR5636/SR5637 - Swivel Plate

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H	R		
494701	1	80	35	100 x 80	80 x 60	9	108	-	100	18
494702	1	100	35	100 x 80	80 x 60	9	127	-	150	14
494703	2	80	35	100 x 80	80 x 60	9	108	116	100	14
494704	2	100	35	100 x 80	80 x 60	9	127	116	150	12

### SR5638/SR5639 - Bolt Hole

Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A	F	H	R			
494705	3	80	35	65	12	108	-	100	20	
494706	3	100	35	65	12	127	-	120	16	
494707	4	80	35	65	12	108	116	100	16	
494708	4	100	35	65	12	127	116	120	12	

### SR5640 - Fixed Plate

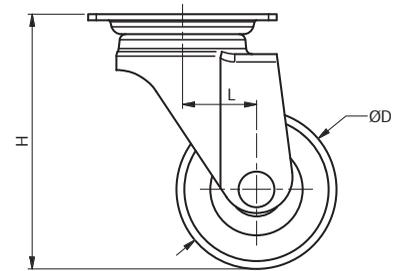
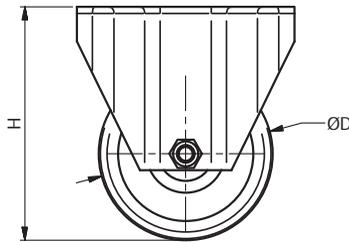
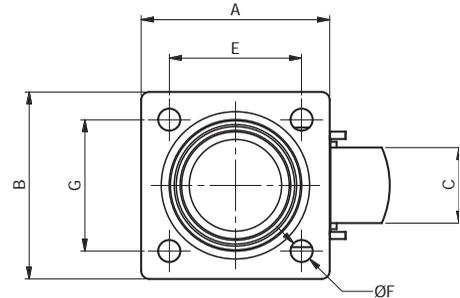
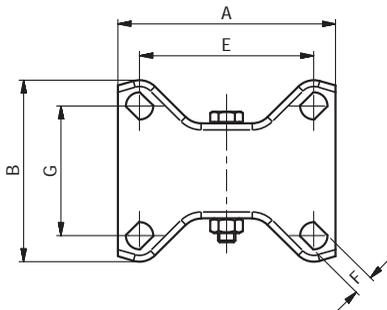
Part Number	Type	Dimensions (mm)							Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H			
494709	5	80	35	100 x 85	80 x 60	9	108	100	16	
494710	5	100	35	100 x 85	80 x 60	9	127	150	12	

## Castor – Black Thermoplastic Wheel

SR5691

### Zinc or Stainless Steel Housing

- Ideal for High temperature applications and light loads
- Good resistance to damp, several petroleum byproducts and chemical agents
- Ambient temperatures: between -25°C and 260°C
- Low resistance to abrasion



### Swivel Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
1337450	1	80	45	100 x 80	80 x 60	9	108	101.8	16
1337452	1	100	50	100 x 80	80 x 60	9	127	152.9	12

### Fixed Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
1337451	2	80	45	100 x 84	80 x 60	9	108	101.8	16
1337453	2	100	50	100 x 84	80 x 60	9	127	152.9	12



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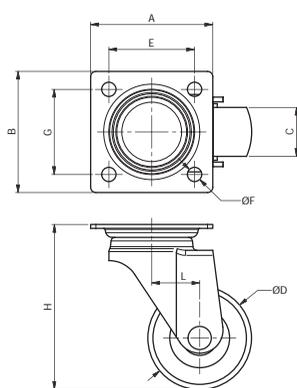
Call 01 806 2266  
[www.essentracomponents.ie](http://www.essentracomponents.ie)

## Castor – Brown Red Polyurethane Wheel

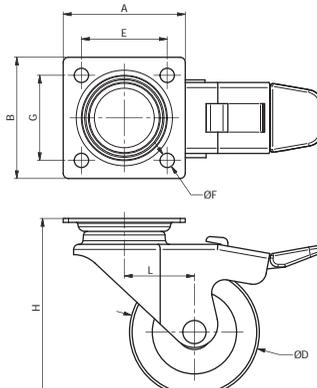
SR5692

Zinc Plated Steel Housing, Polyamide Centre

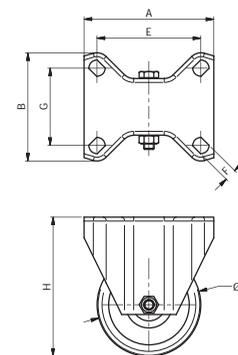
- Ideal for heavy duty applications such as trolleys for heavy loads
- Good resistance to wear, greases and petroleum byproducts
- Ambient temperatures: between -20°C and 60°C
- Double ball race crown
- Thermoplastic polyurethane tyre with hardness 60 ± 5 Shore D



Type 1



Type 2



Type 3

### Swivel Plate

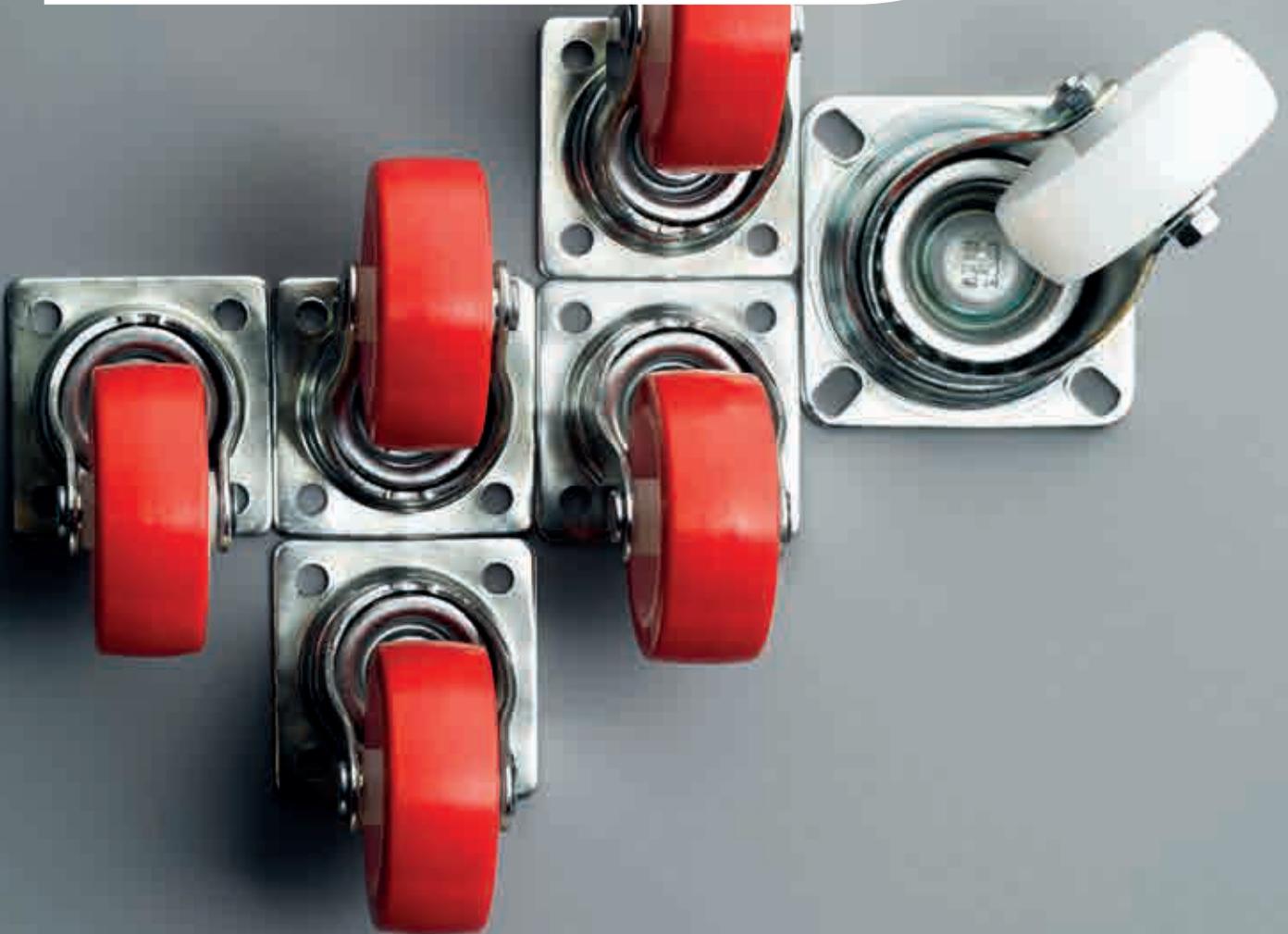
Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
1337444	1	150	45	132 x 110	105 x 80	12	195	611.8	4
1337447	1	200	50	132 x 110	105 x 80	12	242	713.8	2
1337445	2	150	45	132 x 110	105 x 80	12	195	611.8	4
1337448	2	200	50	132 x 110	105 x 80	12	242	713.8	2

### Fixed Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
1337446	3	150	45	134 x 114	105 x 80	12	195	611.8	4
1337449	3	200	50	134 x 114	105 x 80	12	242	713.8	2

# KEEP IT ROLLING WITH THE RIGHT **CASTORS**

With over 450 solutions, we've got the castors you need for your load weight and flooring conditions.



# CALCULATING LOAD CAPACITY

Choose the right load capacity and ensure your castors roll properly without jeopardising safety or movement.

For a typical 4 x Castors application we recommend:

$$\frac{\text{Weight of apparatus} + \text{load}}{3} = \text{Load Capacity of Castors}$$

## Wheel Material Guide

**Polyurethane (PU)** – Provides great performance with very low roll and swivel resistances

**Polypropylene (PP)** – Cost down alternative when compared to Polyamide

**Polyamide (PA)** – High load capacity with very low roll and swivel resistance

**Rubber** – Low to medium load capacity, smooth rolling with higher start-up force required



## Wheel Bearing Guide

Wheel bearings determine how smooth a castor will travel

- **Plain bearing:** Simplest form of wheel bearings. Shock resistant, mostly maintenance free and generally corrosion proof. The bearing of choice for wheels on equipment to be moved with a low velocity over short distances
- **Roller bearing:** Robust and shock-resistant, characterised by their low installation height, low roll resistance and high load capacity
- **Cone ball bearing:** A group of roller bearings, using spheres to improve rolling performance
- **Precision ball bearing:** Extremely low rolling resistance with maximum load capacity

## Single vs Twin Wheel

Where a low overall height is required in combination with a high load capacity a twin wheel castor will be the best choice.

Twin wheel castors turn in opposite directions, when the castor is swivelling, reducing ground friction and bettering performance.

## QUESTIONS? GIVE US A CALL

Our Customer Service advisors are here to help you find the right product for your application.

**Call 01 806 2266**

**[www.essentracomponents.ie](http://www.essentracomponents.ie)**

# HEAVY DUTY CASTORS

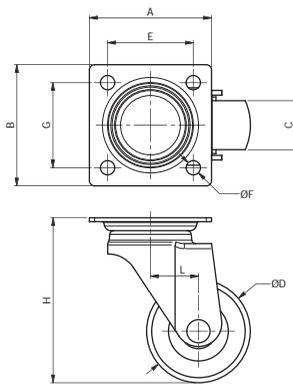
## Castor – Brown Red Polyurethane Wheel

SR5693

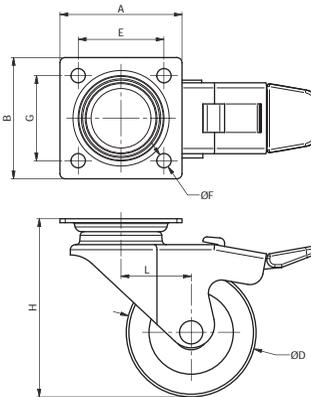
Stainless Steel Housing, Polyamide Centre



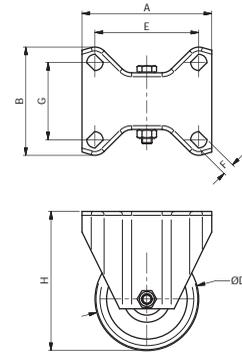
- Ideal for heavy duty applications such as trolleys for heavy loads
- Good resistance to wear, greases and petroleum byproducts
- Ambient temperatures: between -20°C and 60°C
- Double ball race crown
- Thermoplastic polyurethane tyre with hardness 60 ± 5 Shore D



Type 1



Type 2



Type 3

### Swivel Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
1337438	1	150	45	132 x 110	105 x 80	12	195	611.8	4
1337441	1	200	50	132 x 110	105 x 80	12	242	713.8	2
1337439	2	150	45	132 x 110	105 x 80	12	195	611.8	4
1337442	2	200	50	132 x 110	105 x 80	12	242	713.8	2

### Fixed Plate

Part Number	Type	Dimensions (mm)						Approx. Load Capacity (kg)	Standard Pack Quantity
		D	C	A x B	E x G	F	H		
1337440	3	150	45	134 x 114	105 x 80	12	195	611.8	4
1337443	3	200	50	134 x 114	105 x 80	12	242	713.8	2

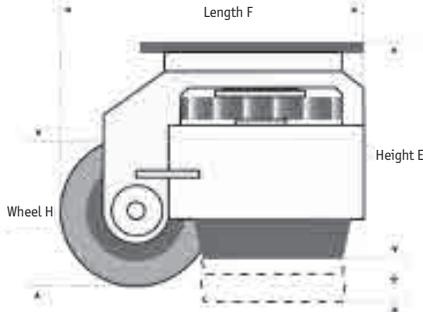
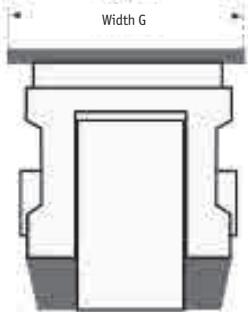
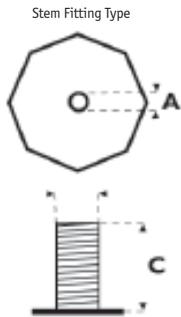
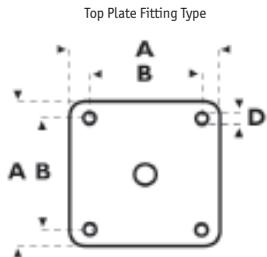
**Multifunctional Levelling Castor**

SR5694

**Housing: Aluminum**

**Wheel: Polyamide**

- Move and position large equipment single handedly
- Range of fittings and adjustment
- Up to 1500Kg load capacity



Part Number	Fitting Type	Load Capacity (kg)		Operating Method	Dimensions (mm)								Standard Pack Quantity
		Static	Dynamic		A	B	C	D	E	F	G	H	
1335860	Stem	50	125	Handwheel	40A/F	-	M8 x 15	-	71 + 10	84	58	42	1
1335861	Top Plate	250	125	Handwheel	73 x 73	58 x 58	-	6.5	82 + 10	100	70	50	1
1335862	Stem	250	125	Handwheel	46A/F	-	M12 x 18	-	82 + 10	100	70	50	1
1335863	Top Plate	250	125	Ratchet	73 x 73	58 x 58	-	6.5	82 + 10	100	70	50	1
1335864	Stem	250	125	Ratchet	46A/F	-	M12 x 18	-	82 + 10	100	70	50	1
1335865	Top Plate	500	250	Handwheel	90 x 90	70 x 70	-	9	102 + 15	125	85	63	1
1335866	Top Plate	500	250	Ratchet	90 x 90	70 x 70	-	9	102 + 15	125	85	63	1
1335867	Top Plate	750	375	Handwheel	95 x 95	70 x 70	-	11	120 + 12	142	95	75	1
1335868	Stem	750	375	Handwheel	64A/F	-	M16 x 24	-	120 + 12	142	95	75	1
1335869	Top Plate	1000	500	Hex spanner	95 x 95	70 x 70	-	11	120 + 12	137	95	75	1
1335870	Top Plate	1500	750	Hex Spanner	100 x 100	70 x 70	-	13	130 + 15	137	110	97	1

# BALL TRANSFERS

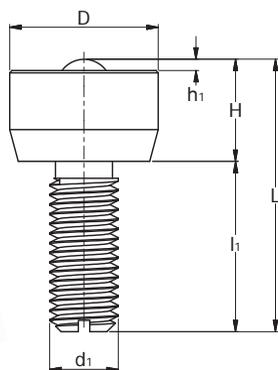
## Mini Ball Transfer

### SR6421

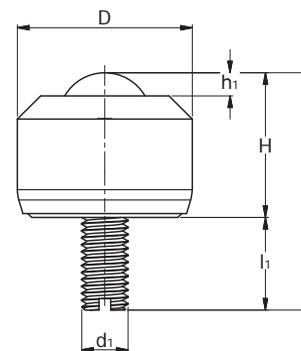
- Can be supplied as flat top or angled top
- Stainless steel screw thread fixing
- Suitable for applications such as measuring equipment; guides for small linear motion (e.g. photocopier slides); transferring material in clean rooms; miniature mechanisms
- Large load-bearing ball which sits upon many small balls encapsulated in a hemispherical cup



Flat top



Angled top



### Flat Top

#### Carbon steel load balls and outer cover, stainless steel small balls

Part Number	Ball Size	Dimensions (mm)						Dynamic Load Up (kg)	Standard Pack Quantity
		D	H	h1	L	l1	d1		
550989	4.8	13.0	9.0	1.0	24.0	15.0	M6	10	50
550992	6.4	17.0	11.0	2.0	26.0	15.0	M6	20	25
550995*	7.9	18.0	14.0	2.0	32.0	18.0	M8	30	25

\*Chrome steel small balls

#### Stainless steel load balls, stainless steel outer cover, stainless steel small balls

Part Number	Ball Size	Dimensions (mm)						Dynamic Load Up (kg)	Standard Pack Quantity
		D	H	h1	L	l1	d1		
550990	4.8	13.0	9.0	1.0	24.0	15.0	M6	10	50
550993	6.4	17.0	11.0	2.0	26.0	15.0	M6	20	20
550996	7.9	18.0	14.0	2.0	32.0	18.0	M8	30	25

### Angled Top

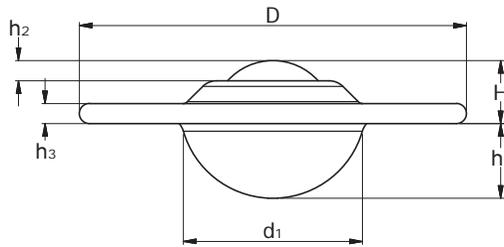
#### Stainless steel load balls, aluminium outer cover, stainless steel small balls

Part Number	Ball Size	Dimensions (mm)						Dynamic Load Up (kg)	Standard Pack Quantity
		D	H	h1	L	l1	d1		
550991	4.8	8.0	6.0	1.0	8.5	2.5	M2	5	25
550994	6.4	13.0	10.5	2.0	16.5	6.0	M3	10	20
550997	7.9	15.0	12.5	2.0	20.5	8.0	M4	15	50

## Ball Transfer – Flange Fixing

### SR6418

- Low profile ball transfers
- 2 or 3 hole flange fitting
- Dirt exit hole
- Pre-lubricated for reduced maintenance
- Available with carbon steel, polyamide and stainless steel main balls
- Large load-bearing ball which sits upon many small balls encapsulated in a hemispherical cup



### Carbon steel bearings, zinc plated pressings

Part Number	Fixing Holes	Dimensions (mm)								Load Up (kg)	Load Down (kg)	Standard Pack Quantity
		Ball Size	D	H	h2	d1	h1	h3	Fixing Hole Dia			
550966	2	12.7	31.0	7.0	2.5	20.0	8.2	2.6	2.8	8	4	50
550968	2	15.8	41.3	10.2	4.0	23.0	8.3	3.2	3.5	12	6	50
550974	2	25.4	73.0	14.2	6.3	38.1	15.8	3.5	5.1	55	25	25
550970	3	19.0	61.0	10.0	3.2	30.0	12.0	3.2	5.1	25	10	50
550972	3	25.4	73.0	14.2	6.3	38.1	15.8	3.5	5.1	55	25	25
551030	3	31.7	73.7	16.2	8.0	46.5	19.9	4.2	5.1	125	55	25
551031	3	39.7	89.0	21.4	8.7	56.5	24.6	6.0	7.0	140	60	5
551033	3	50.8	120.7	28.3	14.3	76.5	30.2	6.3	8.0	340	100	5

### Polyamide main ball, zinc plated pressings

Part Number	Fixing Holes	Dimensions (mm)								Load Up (kg)	Load Down (kg)	Standard Pack Quantity
		Ball Size	D	H	h2	d1	h1	h3	Fixing Hole Dia			
551050	2	12.7	31.0	7.0	2.5	20.0	8.2	2.6	2.8	4	2	25
551051	2	15.8	41.3	10.2	4.0	23.0	8.3	3.2	3.5	8	4	25
551054	2	25.4	73.0	14.2	6.3	38.1	15.8	3.5	5.1	25	10	25
551052	3	19.0	61.0	10.0	3.2	30.0	12.0	3.2	5.1	20	10	25
551053	3	25.4	73.0	14.2	6.3	38.1	15.8	3.5	5.1	25	10	25

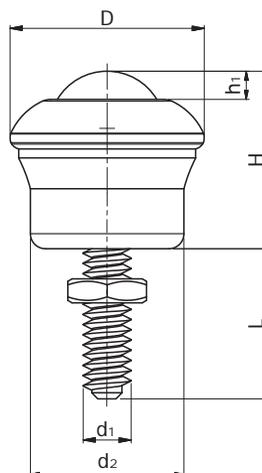
### Stainless steel bearings and pressings

Part Number	Fixing Holes	Dimensions (mm)								Load Up (kg)	Load Down (kg)	Standard Pack Quantity
		Ball Size	D	H	h2	d1	h1	h3	Fixing Hole Dia			
550967	2	12.7	31.0	7.0	2.5	20.0	8.2	2.6	2.8	8	4	50
550969	2	15.8	41.3	10.2	4.0	23.0	8.3	3.2	3.5	12	6	50
550975	2	25.4	73.0	14.2	6.3	38.1	15.8	3.5	5.1	55	25	25
550971	3	19.0	61.0	10.0	3.2	30.0	12.0	3.2	5.1	25	10	25
550973	3	25.4	73.0	14.2	6.3	38.1	15.8	3.5	5.1	55	25	25
551032	3	31.7	73.7	16.2	8.0	46.5	19.9	4.2	5.1	125	55	25

## Ball Transfer – Thread with Nut Fixing

SR 6419

- Dirt exit hole
- Typical applications: cargo and baggage handling; assembly lines; machine loading; sliding door systems; machine tables
- Large load-bearing ball which sits upon many small balls encapsulated in a hemispherical cup



### Carbon steel bearings, zinc plated pressings

Part Number	Ball Size (mm)	Max. Torque on Nut (Nm)	Dimensions (mm)						Load Up (kg)	Load Down (kg)	Standard Pack Quantity
			D	H	L	h1	d1	d2			
550976	19	15	32.1	30.2	25.0	4.7	M8	25.4	25	10	25
550977	19	15	32.1	30.2	30.0	4.7	M8	25.4	25	10	10
550978	19	15	32.1	30.2	35.0	4.7	M8	25.4	25	10	25
550979	19	15	32.1	30.2	45.0	4.7	M8	25.4	25	10	10
550980	25.4	15	39.7	39.7	18.0	6.3	M8	25.4	55	25	20
550981	25.4	15	39.7	39.7	23.0	6.3	M8	25.4	55	25	20
550982	25.4	15	39.7	39.7	28.0	6.3	M8	25.4	55	25	20
550983	25.4	15	39.7	39.7	33.0	6.3	M8	25.4	55	25	20
550984	25.4	15	39.7	39.7	43.0	6.3	M8	25.4	55	25	20
551023	39.7	20	55.5	54.8	42.0	11.9	M10	49.0	140	60	20

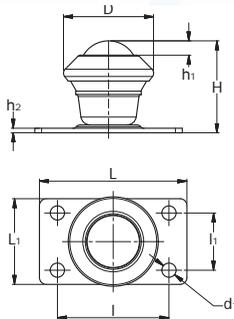
### Stainless steel bearings, stainless steel pressings

Part Number	Ball Size (mm)	Max. Torque on Nut (Nm)	Dimensions (mm)						Load Up (kg)	Load Down (kg)	Standard Pack Quantity
			D	H	L	h1	d1	d2			
551025	19	15	32.1	30.2	30.0	4.7	M8	25.4	25	10	25
551022	25.4	15	39.7	39.7	33.0	6.3	M8	25.4	55	25	25
551024	39.7	20	55.5	54.8	42.0	11.9	M10	49.0	140	60	10

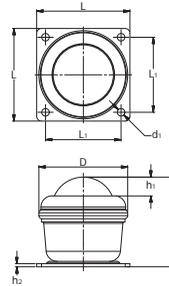
## Ball Transfer Base Fixing

### SR 6420

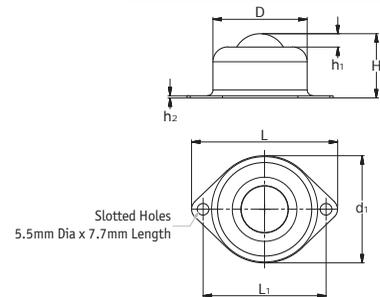
- Drill hole fixing
- Dirt exit hole
- Large support area for greater stability
- Typical applications: cargo and baggage handling; assembly lines; machine loading; sliding door systems; machine tables
- Large load-bearing ball which sits upon many small balls encapsulated in a hemispherical cup
- Type 1 and 2 – heavy duty fixing
- Type 3 – high load capacity



Type 1



Type 2



Type 3

### Carbon steel bearings, zinc plated pressings

Part Number	Type	Ball Size (mm)	Fixing Holes	Dimensions (mm)										Load Up (kg)	Load Down (kg)	Standard Pack Quantity
				D	H	h1	h2	d1	L	L1	l	l1				
550985	1	25.4	4	39.7	41.3	6.3	2.0	6.3	65.0	38.0	49.2	25.4	55	25	20	
550987	3	25.4	2	44.5	31.5	6.3	1.0	51.0	69.0	58.1	-	-	55	25	25	
551044	2	39.7	4	55.5	57.0	11.9	2.0	4.8	58.7	47.6	-	-	140	60	20	
551045	1	19	4	32.1	32.5	4.7	2.0	6.3	65.0	38.0	49.2	25.4	25	10	50	

### Nylon main ball, zinc plated pressings

Part Number	Type	Ball Size (mm)	Fixing Holes	Dimensions (mm)										Load Up (kg)	Load Down (kg)	Standard Pack Quantity
				D	H	h1	h2	d1	L	L1	l	l1				
551055	1	25.4	4	39.7	41.3	6.3	2.0	6.3	65.0	38.0	49.2	25.4	25	10	50	
551056	3	25.4	2	44.5	31.5	6.3	1.0	51.0	69.0	58.1	-	-	25	10	50	

### Stainless steel bearings and pressings

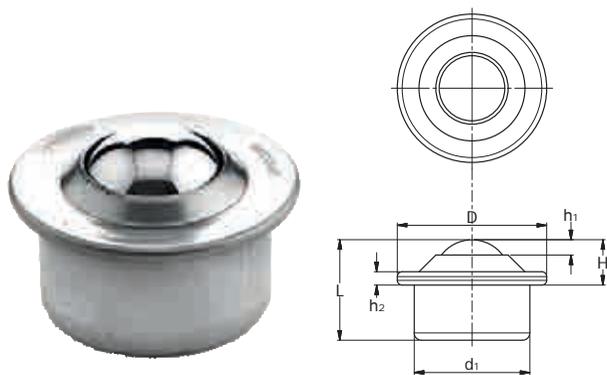
Part Number	Type	Ball Size (mm)	Fixing Holes	Dimensions (mm)										Load Up (kg)	Load Down (kg)	Standard Pack Quantity
				D	H	h1	h2	d1	L	L1	l	l1				
550986	1	25.4	4	39.7	41.3	6.3	2.0	6.3	65.0	38.0	49.2	25.4	55	25	25	
550988	3	25.4	2	44.5	31.5	6.3	1.0	51.0	69.0	58.1	-	-	55	25	25	
551043	2	39.7	4	55.5	57.0	11.9	2.0	4.8	58.7	47.6	-	-	140	60	20	

# BALL TRANSFERS

## Euro Ball Transfer

### SR6422

- Temperature range: -30°C to 70°C continuous, +100°C intermittent
- Special seals may need to be fitted to suit extreme conditions
- Typical applications: cargo and baggage handling; assembly lines; machine loading; sliding door systems; machine tables
- Euro transfer units have special toughened steel bearing cup, with a dirt exit hole and woollen felt seal
- Large load-bearing ball which sits upon many small balls encapsulated in a hemispherical cup
- To be attached using Fixing Clips on page 665



Type 1



Type 2

### Carbon steel bearings, zinc plated pressings

Part Number	Ball Size (mm)	Type	Dimensions (mm)								Dynamic Loading (kg)	Standard Pack Quantity
			D	H	h1	d1	h2	L	T	Panel Thickness		
550998	15.8	1	31.0	9.5	3.2	24.0	2.8	21.0	-	-	60	50
551007	15.8	2	31.0	9.5	3.2	24.0	11.5	21.0	25.0	2.0	60	50
551000	22.2	1	45.0	9.8	4.3	36.0	2.8	30.0	-	-	160	25
551009	22.2	2	45.0	9.8	4.3	36.0	20.2	30.0	37.0	3.0	160	10
551002	30.0	1	55.0	13.8	5.5	45.0	4.0	37.0	-	-	300	20
551011	30.0	2	55.0	13.8	5.5	45.0	23.2	37.0	46.0	6.0	300	10
551029	44.5	1	75.0	19.0	9.0	62.0	4.0	53.5	-	-	610	10

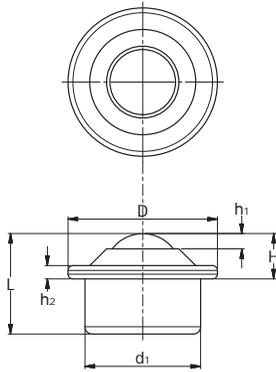
### Polyamide main ball, zinc plated pressings

Part Number	Ball Size (mm)	Type	Dimensions (mm)								Dynamic Loading (kg)	Standard Pack Quantity
			D	H	h1	d1	h2	L	T	Panel Thickness		
551057	15.8	1	31.0	9.5	3.2	24.0	2.8	21.0	-	-	10	40
551059	15.8	2	31.0	9.5	3.2	24.0	11.5	21.0	25.0	2.0	10	5
551058	22.2	1	45.0	9.8	4.3	36.0	20.2	30.0	-	-	20	5
551060	22.2	2	45.0	9.8	4.3	36.0	20.2	30.0	37.0	3.0	20	10

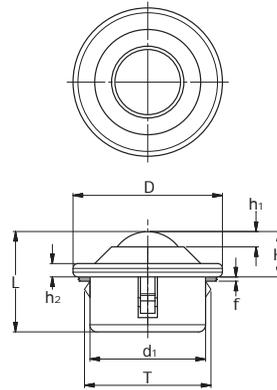
CONTINUED ON NEXT PAGE

**Euro Ball Transfer** *CONTINUED*

SR6422



Type 1



Type 2

**Stainless steel bearings and pressings**

Part Number	Ball Size (mm)	Type	Dimensions (mm)								Dynamic Loading (kg)	Standard Pack Quantity
			D	H	h1	d1	h2	L	T	Panel Thickness		
550999	15.8	1	31.0	9.5	3.2	24.0	2.8	21.0	-	-	38	50
551008	15.8	2	31.0	9.5	3.2	24.0	11.5	21.0	25.0	2.0	38	50
551001	22.2	1	45.0	9.8	4.3	36.0	2.8	30.0	-	-	100	20
551010	22.2	2	45.0	9.8	4.3	36.0	20.2	30.0	37.0	3.0	100	10
551003	30.0	1	55.0	13.8	5.5	45.0	4.0	37.0	-	-	200	20
551012	30.0	2	55.0	13.8	5.5	45.0	23.2	37.0	46.0	6.0	200	45

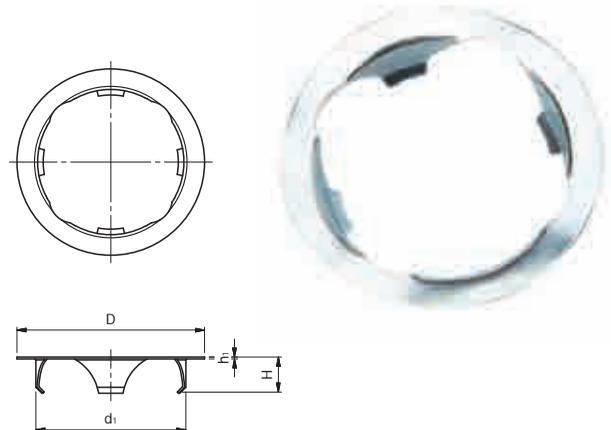
**Fixing Clips**

SR6422

Carbon Spring Steel

Zinc Plated

- Lock the unit securely in position
- Fixing clips are placed into the seated position, before the ball unit is fitted
- Fixing clips are used to fit Euro Ball Transfer Units - SR 6422 (Type 1) and SR6423



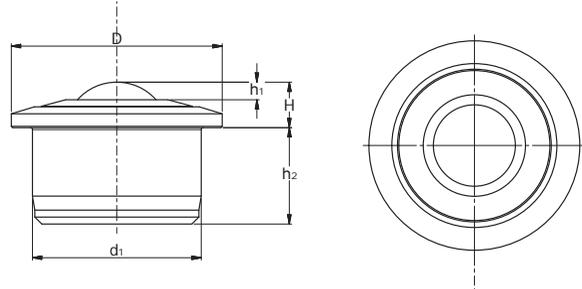
Part Number	Dimensions (mm)				Use With (part numbers)	Standard Pack Quantity
	D	H	h1	d1		
551004	30.9	6	0.3	24.7	550998, 550999, 551015, 551057	25
551005	44.5	7	0.3	36.7	551000, 551001, 551058, 551013	15
551006	54.9	7	0.3	45.7	551002, 551003, 551014	10

# BALL TRANSFERS

## Heavy Duty Ball Transfer

SR 6423

- High load capacity
- Low profile, robust construction
- Solid body, steel ball units
- Incorporate a seal and dirt exit hole for maximum efficiency and smooth running



Carbon steel bearings, zinc plated pressings

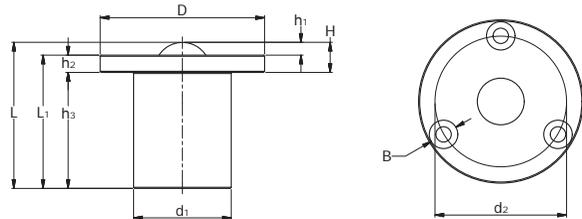
Part Number	Ball Size (mm)	Dimensions (mm)					Dynamic Load (kg)	Standard Pack Quantity
		D	H	h1	d1	h2		
551015*	15.8	31.0	9.5	4.0	24.0	11.5	10	5
551013	22.2	45.0	9.8	3.8	36.0	20.7	180	10
551014	30.0	55.0	13.8	5.5	45.0	23.0	350	10

\*All plastic unit

## Heavy Duty Ball Transfer – Spring Loaded

SR6457

- Spring loaded units reduce damage caused by shock loads
- Low profile
- Large top flange
- Allow for dimension changes due to temperature and self-adjust to evenly distribute loads
- Suitable for applications such as guillotines; presses; moulding machines; tool bases; press brakes and shock loading applications



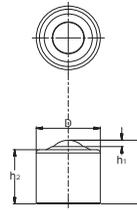
Carbon steel bearings and zinc plated pressings

Part Number	Ball Size (mm)	Dimensions (mm)										Dynamic Load (kg)	Load Full Depress (kg)	Standard Pack Quantity
		D	H	h1	h2	h3	d1	d2	B	L	L1			
551048	19	66.6	11.4	3.5	7.9	51.6	36.5	50.8	3 x 7	63.0	59.5	10	30	50
551049	25.4	75.0	13.8	5.9	7.9	53.3	44.5	60.3	3 x 7	67.1	61.2	35	100	10

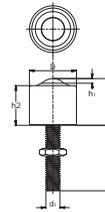
## Heavy Duty Ball Transfer – Long Life

### SR6454

- These heavy duty units are built to provide a long working life
- Suitable to withstand harsh conditions
- With dust seal and dirt exit hole
- Provide a higher load capacity than standard units
- Solid steel body for attachment purposes
- Body chemical black finish



Type 1



Type 2



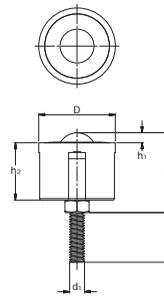
### Carbon steel bearings, zinc plated pressings

Part Number	Ball Size (mm)	Type	Dimensions (mm)							Dynamic Load (kg)	Standard Pack Quantity
			D	H	h1	h2	d1	L			
551016	12.7	1	20.0	20.0	2.0	17.0	-	-	25	5	
551017	12.7	2	20.0	20.0	2.0	17.0	M6	28.0	25	50	
551018	19.0	1	30.0	30.0	4.0	26.0	-	-	50	5	
551019	19.0	2	30.0	30.0	4.0	26.0	M8	25.0	50	5	
551020	25.4	1	35.0	35.0	7.0	28.0	-	-	125	10	
551021	25.4	2	35.0	35.0	7.0	28.0	M8	40.0	125	10	
551037	31.7	2	50.0	45.0	8.0	37.0	M10	40.0	250	10	
551036	39.7	2	60.0	55.0	9.0	46.0	M12	50.0	500	5	

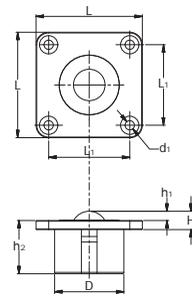
## Heavy Duty Ball Transfer – Double Seal

### SR6456

- Double seal for excluding debris from the bearings
- High resistance to organic solvents, petrol and oil
- Temperature range -30°C to +100°C
- The unit works equally well inverted or at an angle
- The top cover seal removes larger particles and the inner seal removes fine dust and particles off of the larger ball and expels it through side vents
- Type 1 has a bolt hole fixing with a locknut for height adjustment. Maximum tightening torque is 15 Nm
- Type 2 has a top flange with 4 hole fixings with 6.7mm hole diameters



Type 1



Type 2

### Stainless steel bearings and pressings

Part Number	Ball Size (mm)	Type	Dimensions (mm)							Dynamic Load (kg)	Standard Pack Quantity
			D	H	h1	h2	d1	L	L1		
551039	25.4	1	50.8	53.0	6.7	38.3	M10	17.6	-	240	25
551038	25.4	2	50.8	13.0	6.7	38.3	6.7	76	58.0	240	25

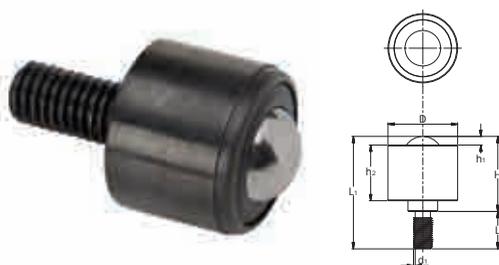
# BALL TRANSFERS

## Heavy Duty Ball Transfer

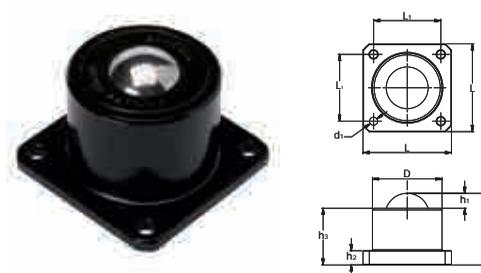
### SR 6455

- Heavy duty ball transfer units are designed and manufactured to precise standards
- A range of ball sizes that offer load capacity from 35kg to 1000kg
- This range will work at maximum capacity in temperatures from -30°C to +100°C
- All units are anti-corrosive and have a black coated finish

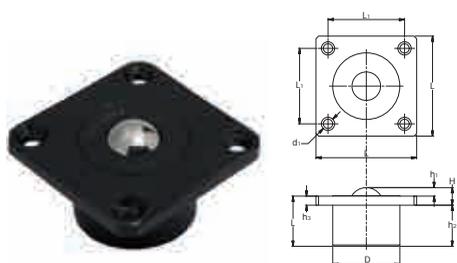
Type 1



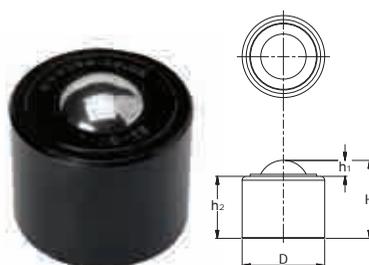
Type 2



Type 3



Type 4



Type 5



### Carbon steel balls

Part Number	Ball Size (mm)	Type	Dimensions (mm)								Dynamic Load (kg)	Standard Pack Quantity	
			D	H	h1	h2	h3	d1	L	L1			
551026	12.7	1	20.6	19.6	3.5	16.1	-	-	M8	16.2	35.8	35	10
551027	25.4	1	44.5	48.3	5.6	35.8	-	-	M12	24.1	72.4	135	10
551028	38.1	1	60.0	73.5	13.0	48.5	-	-	M20	40.8	114.3	1000	5
551035	25.4	2	44.5	41.4	5.6	4.8	35.8	-	4 x 5.6	57.2	44.5	135	10
551034	38.1	2	60.0	62.2	13.0	12.4	49.2	-	4 x 7.1	76.2	57.9	1000	5
551042	25.4	3	50.8	13.0	6.1	32.0	6.9	-	4 x 7.1	76.2	57.9	320	5
551041	38.1	3	60.0	25.4	13.0	35.8	12.4	-	4 x 7.1	76.2	57.9	1000	5
551046	12.7	4	20.6	19.6	3.5	16.1	-	-	-	-	-	35	25
551047	25.4	4	44.5	41.4	5.6	35.8	-	-	-	-	-	135	20
551040	12.7	5	25.6	28.5	3.1	8.0	-	-	25.4	25.4	-	25	25

## Float-On Castors

SR 5695

**BZP Stem, Red Polyurethane (Shore A 90-95)  
or Black Rubber Ball (Shore A 80-85)**

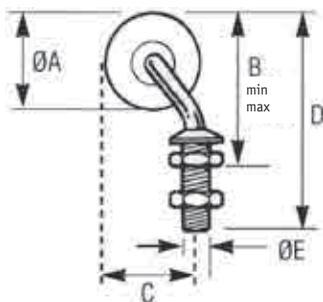
- Ensures smooth movement of delicate or polished flat materials
- Designed for use in wet and dry conditions
- Adjustable height
- Red polyurethane ball is more hardwearing; choose black rubber for most other applications



Type 1 - full assembly



Type 2 - stem, circlip, washer and ball only

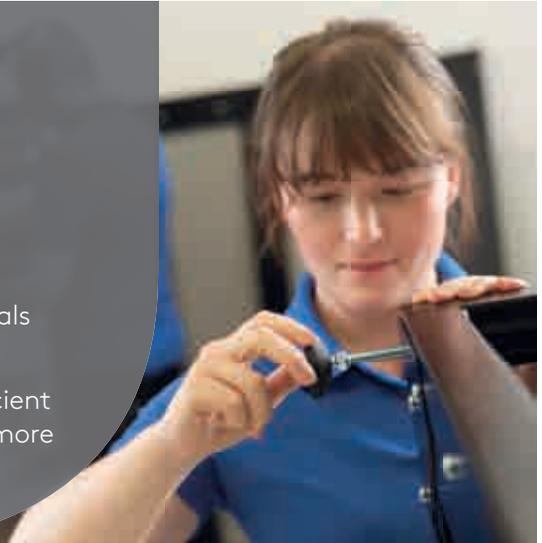


Type 3 - ball only

Part Number		Orientation	Type	Dimensions (mm)						Max load (kg)	Standard Pack Quantity
Polyurethane	Rubber			A	B (min)	B (max)	C	D	E		
1220358	1220368	Left hand	1	35	55	77	38	88	13.5	15	40
1220359	1220369	Right hand	1	35	55	77	38	88	13.5	15	40
1220360	1220370	Left hand	1	50	73	95	58	106	13.5	20	20
1220361	1220371	Right hand	1	50	73	95	58	106	13.5	20	20
1220362	1220372	Left hand	2	35	-	-	38	-	-	15	50
1220363	1220373	Right hand	2	35	-	-	38	-	-	15	50
1220364	1220374	Left hand	2	50	-	-	58	-	-	20	20
1220365	1220375	Right hand	2	50	-	-	58	-	-	20	20
1220366	1220376	-	3	35	-	-	-	-	-	15	50
1220367	1220377	-	3	50	-	-	-	-	-	20	25

## KEEP IT LEVEL

- Safeguard stability with levelling, anti-vibration and articulated feet to ensure operator safety and reduce downtime
- Protect surfaces and floors with a range of materials and finishes
- Alter height, improve clearance and maintain efficient positioning of machinery, cabinets, furniture and more



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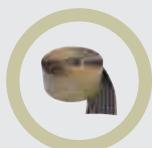
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700



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713

MORE THAN  
**1,100**  
FEET PRODUCTS  
AVAILABLE

# FEET



MACHINERY FEET

672



ADJUSTABLE FEET

681



FURNITURE FEET

687



SELF-ADHESIVE,  
SCREW-ON FEET & BUMPERS

690



TILTSERTS, BUFFERS & GLIDES

704



SADDLE & INSERT FEET

712

## Premium Machinery Mounting Feet

SR 1569

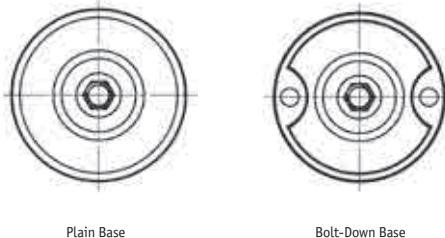
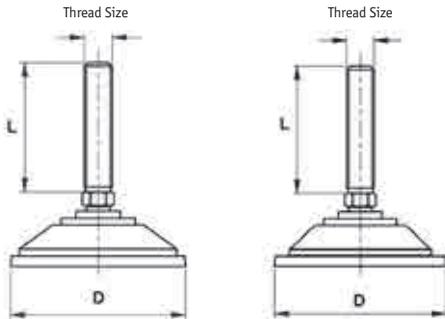
Polyamide or Stainless Base with Stainless Steel or ENP Mild Steel Stud



- Stud manufactured from solid hexagon bar by rolling process ensuring both accuracy and strength of thread
- Polyamide base offers high-load capacity, chemical resistance and stability during temperature change
- 10mm diameter mounting holes

### Plain Black Polyamide Base

Part Number		Thread Size	Dimensions (mm)		Approximate Load Capacity (kg)	Standard Pack Quantity
Stainless Steel Stud	ENP Mild Steel Stud		D	L		
462402	-	M8	55	60	400	48
462403	-	M10	55	75	500	48
462404	462415	M12	55	75	600	24
462405	462416	M12	55	125	600	24
-	462417	M12	55	150	600	8
462406	462418	M12	70	75	1000	24
-	462419	M12	70	150	1000	8
462407	-	M12	70	125	1000	8
462408	462420	M16	70	75	1500	8
462409	462421	M16	70	150	1500	4
462410	-	M16	70	200	1500	4
462411	462422	M16	100	75	2000	4
-	462423	M16	100	100	2000	4
462412	462424	M16	100	150	2000	4
-	462425	M16	100	200	2000	4
462413	462426	M20	100	150	2000	4
462414	-	M24	100	200	2000	4



Plain Base

Bolt-Down Base

### Bolt-Down Black Polyamide Base

Part Number		Thread Size	Dimensions (mm)		Approximate Load Capacity (kg)	Standard Pack Quantity
Stainless Steel Stud	ENP Mild Steel Stud		D	L		
462427	462433	M12	100	75	1000	8
462428	462434	M12	100	125	1000	8
-	462435	M12	100	150	1000	8
462429	462436	M16	100	75	2000	8
462430	462437	M16	100	150	2000	8
-	462438	M16	100	200	2000	8
462431	462439	M20	100	150	2000	4
462432	-	M20	100	200	2000	4
-	462440	M24	100	150	2000	4

### Stainless Steel Base

Part Number		Thread Size	Dimensions (mm)		Approximate Load Capacity (kg)	Standard Pack Quantity
Stainless Steel Stud	ENP Mild Steel Stud		D	L		
462441	-	M8	38	60	450	24
462442	-	M10	38	75	600	24
462443	-	M12	55	75	1500	8
462444	-	M12	55	125	1500	8
462445	-	M12	55	160	1500	8
462446	-	M16	70	75	2000	4
462447	462451	M16	70	150	2000	4
462448	-	M16	70	200	2000	4
462449	462453	M20	100	150	2000	4

## Standard Machine Feet

### SR 1545

#### Polyamide Base with Zinc Plated Steel Bolt

- Ideal for mounting machinery or conveyors
- High load bearing capacity
- Maximum recommended load: 900Kg
- 20° articulation



#### Bolt Down Polyamide Base

Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
1254547	M8	60	80	50
1254548	M10	60	70	50
1254549	M10	60	125	50
1254553	M12	80	100	50
1254550	M12	80	150	50
1254534	M16	80	100	50
1254535	M16	80	150	25
1254536	M12	100	125	25
1287122	M16	100	100	25
1287123	M16	100	200	25
1234172	M16	120	150	20
1287124	M16	120	200	20
1254537	M20	120	150	10
1254538	M24	120	200	10

#### Plain Polyamide Base

Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
1254519	M8	40	25	250
1254520	M8	40	40	200
1254539	M8	40	80	100
1254521	M8	50	40	150
1254540	M8	50	60	150
1254541	M8	50	80	100
1254522	M10	50	45	150
1254542	M10	50	70	100
1254543	M10	50	90	100
1254523	M10	60	45	100
1254544	M10	60	70	100
1254545	M10	60	125	50
1254555	M12	60	66	24
1254551	M12	60	80	100
1254554	M12	60	100	24
1254524	M12	60	125	50
1287125	M12	60	150	24
1254552	M12	80	66	100
1254556	M12	80	100	50
1254525	M12	80	125	50
1254546	M12	80	150	50
1254526	M16	80	66	100
1254527	M16	80	100	50
1254528	M16	80	150	25
1287126	M16	100	66	40
1287127	M16	100	100	25
1287128	M16	100	125	25
1287129	M16	100	150	20
1287130	M16	100	200	20
1234171	M16	120	150	20
1287131	M16	120	200	20
1254529	M20	120	125	10
1254530	M20	120	150	10
1254531	M20	120	200	10
1254532	M24	120	200	10
1254533	M24	120	250	10

#### Non-Slip Pads

- Suitable for SR 1545 feet
- Provides extra friction to prevent slippage



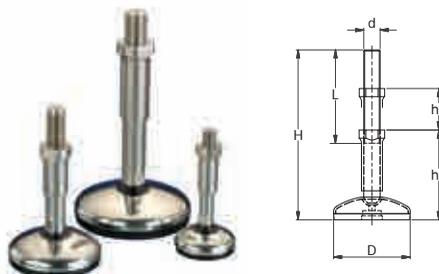
Part Number	Dimensions (mm)		Standard Pack Quantity
	Pad Diameter		
For Plain Base			
1254557	40		400
1254558	50		400
1254559	60		240
1254560	80		200
1254561	100		100
1254562	120		120
For Bolt-Down Base			
1254563	60		240
1254564	80		200
1254565	100		200
1254566	120		120

## Hygienic Stainless Steel Machine Feet

SR 5699

303 Stainless Steel with inset Nitrile Rubber Base

- 7° articulation
- Suitable for clean environments – the covered thread prevents the accumulation of dirt



Part Number	Thread Size (d)	Dimensions (mm)						Max Load Capacity (kg)	Standard Pack Quantity
		Foot Diameter (D)	Stud Length	H	h1	h2	L		
550092	M12	50	92	170	95	50	92	350	4
550093	M16	75	92	180	100	50	92	750	4
550094	M20	100	92	194	110	50	92	1000	4

## Low Profile Hygienic Stainless Steel Levelling Foot

SR 5667

303 Stainless Steel

- 20° articulation
- Suitable for clean environments – the covered thread prevents the accumulation of dirt
- Low profile base with high load capacity



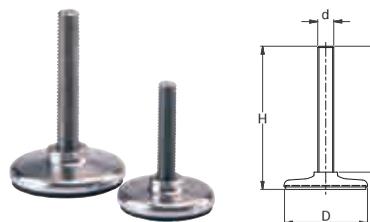
Part Number	Dimensions (mm)				Max Load Capacity (kg)	Standard Pack Quantity
	Thread Size (d)	Foot Diameter (D)	Stud Length (L)	Height (H)		
550089	M8	40	60	72	450	4
550090	M10	40	60	72	600	4
550091	M10	50	80	94	600	4

## Fixed Stud Levelling Foot

SR 5701

303 Stainless Steel with inset Nitrile Rubber Base

- Fixed angle foot
- Low profile base



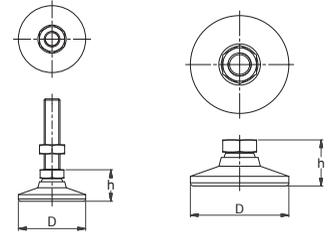
Part Number	Dimensions (mm)				Max Load Capacity (kg)	Standard Pack Quantity
	Thread Size (d)	Foot Diameter (D)	Stud Length (L)	Height (H)		
550107	M8	40	60	72	450	12
550108	M10	40	60	72	600	12
550109	M10	50	80	94	600	12
550110	M12	50	50	65	750	8
550111	M12	50	75	90	750	8
550112	M12	60	125	140	1250	4
550113	M16	80	150	171	2000	4
550114	M20	120	200	224	3000	4

## Steel Levelling Feet

SR 5788

### Steel with Various Finishes

- 15° swivel to adjust to uneven surfaces
- Hardened ball (except in stainless) forms its own seat and resists galling
- Large diameter pad for solid support



### Gold Chromate

Part Number		Type	Thread Size	Dimensions (mm)		Approximate Load Capacity (kg)	Standard Pack Quantity
Standard	Rubber Pad Version			Foot Diameter (D)	Base Height (h)		
HVTM-5	HVTME-5	Stud	M6 x 25.4mm	19.1	13.5	310	4
HVTM-10	HVTME-10	Stud	M8 x 31.8mm	25.4	17.8	490	4
HVTM-15	HVTME-15	Stud	M10 x 51mm	32	22	1700	4
HVTM-20	HVTME-20	Stud	M12 x 51mm	48	29	2260	4
HVTM-25	HVTME-25	Stud	M16 x 51mm	64	32	2720	4
HVTM-30	HVTME-30	Stud	M20 x 51mm	76	38	3260	4
HVTM-35	HVTME-35	Stud	M24 x 108mm	102	48	9970	1
HVLM-5	HVLM-5	Socket	M6	19.1	13.5	310	4
HVLM-10	HVLM-10	Socket	M8	25.4	17.8	490	4
HVLM-15	HVLM-15	Socket	M10	32	22	1700	4
HVLM-20	HVLM-20	Socket	M12	48	29	2260	4
HVLM-25	HVLM-25	Socket	M16	64	32	2720	4
HVLM-30	HVLM-30	Socket	M20	76	38	3260	4
HVLM-35	HVLM-35	Socket	M24	102	48	9970	4



### Nickel Plated

Part Number		Type	Thread Size	Dimensions (mm)		Approximate Load Capacity (kg)	Standard Pack Quantity
Standard	Rubber Pad Version			Foot Diameter (D)	Base Height (h)		
HVTM-5N	HVTME-5N	Stud	M6 x 25.4mm	19.1	13.5	310	4
HVTM-10N	HVTME-10N	Stud	M8 x 31.8mm	25.4	17.8	490	4
HVTM-15N	HVTME-15N	Stud	M10 x 51mm	32	22	1700	4
HVTM-20N	HVTME-20N	Stud	M12 x 51mm	48	29	2260	4
HVTM-25N	HVTME-25N	Stud	M16 x 51mm	64	32	2720	4
HVTM-30N	HVTME-30N	Stud	M20 x 51mm	76	38	3260	4
HVTM-35N	HVTME-35N	Stud	M24 x 108mm	102	48	9970	1
HVLM-5N	HVLM-5N	Socket	M6	19.1	13.5	310	4
HVLM-10N	HVLM-10N	Socket	M8	25.4	17.8	490	4
HVLM-15N	HVLM-15N	Socket	M10	32	22	1700	4
HVLM-20N	HVLM-20N	Socket	M12	48	29	2260	4
HVLM-25N	HVLM-25N	Socket	M16	64	32	2720	4
HVLM-30N	HVLM-30N	Socket	M20	76	38	3260	4
HVLM-35N	HVLM-35N	Socket	M24	102	48	9970	4



### Stainless Steel

Part Number		Type	Thread Size	Dimensions (mm)		Approximate Load Capacity (kg)	Standard Pack Quantity
Standard	Rubber Pad Version			Foot Diameter (D)	Base Height (h)		
HVTM-5SS	HVTME-5SS	Stud	M6 x 25.4mm	19.1	13.5	310	4
HVTM-10SS	HVTME-10SS	Stud	M8 x 31.8mm	25.4	17.8	490	4
HVTM-15SS	HVTME-15SS	Stud	M10 x 51mm	32	22	1700	4
HVTM-20SS	HVTME-20SS	Stud	M12 x 51mm	48	29	2260	4
HVTM-25SS	HVTME-25SS	Stud	M16 x 51mm	64	32	2720	4
HVTM-30SS	HVTME-30SS	Stud	M20 x 51mm	76	38	3260	4
HVTM-35SS	HVTME-35SS	Stud	M24 x 108mm	102	48	9970	4
HVLM-5SS	HVLM-5SS	Socket	M6	19.1	13.5	310	4
HVLM-10SS	HVLM-10SS	Socket	M8	25.4	17.8	490	4
HVLM-15SS	HVLM-15SS	Socket	M10	32	22	1700	4
HVLM-20SS	HVLM-20SS	Socket	M12	48	29	2260	4
HVLM-25SS	HVLM-25SS	Socket	M16	64	32	2720	4
HVLM-30SS	HVLM-30SS	Socket	M20	76	38	3260	4
HVLM-35SS	HVLM-35SS	Socket	M24	102	48	9970	4



## Pressed Steel Bolt Down Feet

SR 5440

Galvanised Steel, Shore A 80 Nitrile Rubber

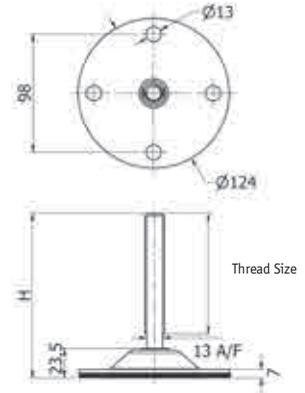
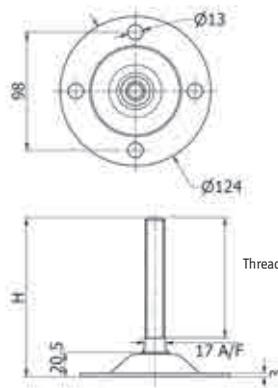
- High load capacity
- 8° articulation
- 4 x 12.5mm fixing holes
- With or without rubber pad for base
- Ideal for conveyors and machines



Standard



Rubber Pad Version



Part Number		Thread Size	Dimensions (mm)		Standard Pack Quantity
Standard	Rubber Pad Version		H	Maximum Static Load N	
493684	493685	M16 x 100	134	20000	2
493686	493687	M16 x 150	184	20000	2
493688	493689	M20 x 100	134	20000	2
493690	493691	M20 x 150	184	20000	2

## Pressed Stainless Steel Bolt Down Feet

SR 5441

304 Stainless Steel, Shore A 80 Nitrile Rubber

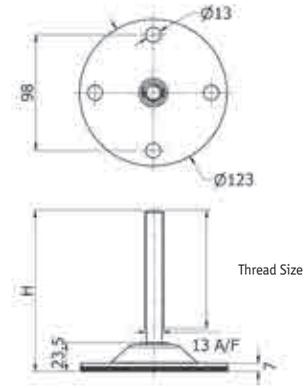
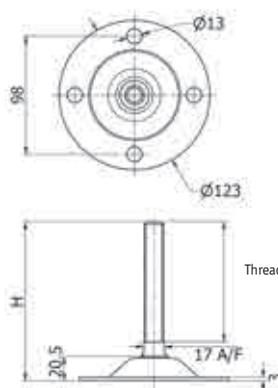
- High load capacity
- 8° articulation
- 4 x 12.5mm fixing holes
- With or without rubber pad for base
- Ideal for conveyors and machines



Standard



Rubber Pad Version



Part Number		Thread Size	Dimensions (mm)		Standard Pack Quantity
Standard	Rubber Pad Version		H	Maximum Static Load N	
493692	493693	M16 x 100	134	20000	2
493694	493695	M16 x 150	184	20000	2
493696	493697	M20 x 100	134	20000	2
493698	493699	M20 x 150	184	20000	2

## Pressed Steel Bolt Down Duck Feet

SR 5789

### Galvanised Steel

- High load capacity – suitable for machinery and conveyors
- Asymmetrical foot design reduces interference with walls or walkways
- Bolt holes for secure attachment to ground anchors

Part Number	Thread Size	Dimensions (mm)					Approximate Load Capacity (kg)	Standard Pack Quantity
		L	W	C	S	H		
1220400	M16	112	80	50	150	189.5	2000	2
1220401	M16	112	80	50	200	239.5	2000	2
1220402	M20	112	80	50	150	190.5	2000	2
1220403	M20	112	80	50	200	240.5	2000	2
1220404	M16	151	110	70	150	191	2500	2
1220405	M16	151	110	70	200	241	2500	2
1220406	M20	151	110	70	150	192	2500	2
1220407	M20	151	110	70	200	242	2500	2
1220408	M24	151	110	70	150	193	3000	2
1220409	M24	151	110	70	200	243	3000	2

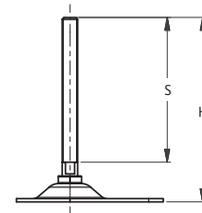
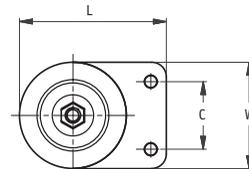


## Pressed Stainless Steel Bolt Down Duck Feet

SR 5790

### 304 Stainless Steel

- High load capacity – suitable for machinery and conveyors
- Asymmetrical foot design reduces interference with walls or walkways
- Bolt holes for secure attachment to ground anchors
- Suitable for wet and corrosive environments



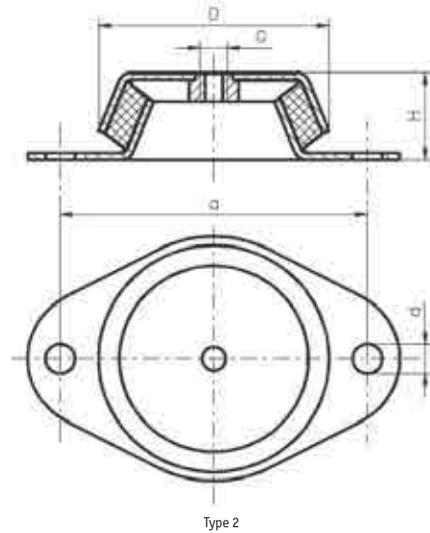
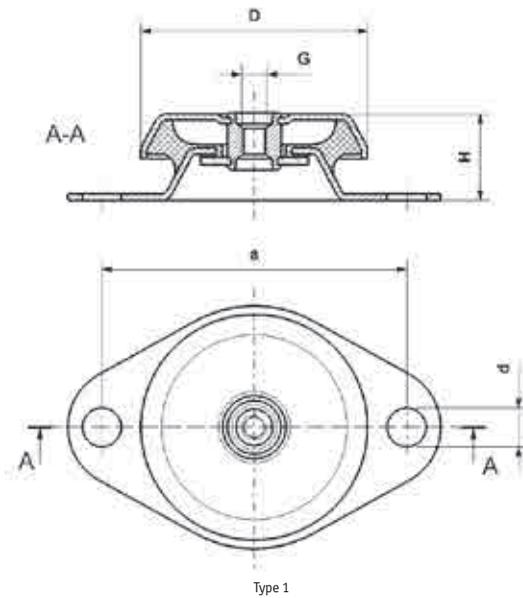
Part Number	Thread Size	Dimensions (mm)					Approximate Load Capacity (kg)	Standard Pack Quantity
		L	W	C	S	H		
1220410	M16	112	80	50	150	189.5	2000	2
1220411	M16	112	80	50	200	239.5	2000	2
1220412	M20	112	80	50	150	190.5	2000	2
1220413	M20	112	80	50	200	240.5	2000	2
1220414	M16	151	110	70	150	191	2500	2
1220415	M16	151	110	70	200	241	2500	2
1220416	M20	151	110	70	150	192	2500	2
1220417	M20	151	110	70	200	242	2500	2
1220418	M24	151	110	70	150	193	3000	2
1220419	M24	151	110	70	200	243	3000	2

## Anti-Vibration Machine Mounts

SR P-0038

Galvanised Steel ST37 casing with natural rubber moulding

- Shore Rubber hardness 60
- Break safe options available
- Contact customer services for non standard rubber hardness or for a greater selection of thread sizes for the products shown



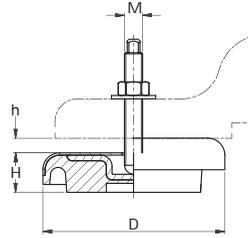
Part Number	Type	Thread Size	Dimensions (mm)				Standard Pack Quantity
			D	H	a	d	
1460873	1	M8	48	23	68	6.2	4
1460874	2	M8	48	23	68	6.2	4
1460875	1	M10	62	30	85	8.2	4
1460876	2	M10	62	30	85	8.2	4
1460877	1	M12	92	45	110	10.2	4
1460878	2	M12	92	45	110	10.2	4
1460879	1	M12	101	38	175	14	4
1460880	2	M12	101	38	175	14	4
1460881	1	M12	106	38	140	12.4	4
1460882	2	M12	106	38	140	12.4	4
1460883	1	M16	160	60	200	16.2	4
1460884	2	M16	160	60	200	16.2	4

## Anti-Vibration Machine Mounts

SR 5711

### Cast Iron Base Plate with Nitrile Rubber Moulding

- The foot holds in place as the thread is tightened
- The unique design enables height adjustment whilst maintaining a totally sealed vibration absorbing base
- Estimated dynamic load capacity varies depending on application – contact Customer Services for more details
- Shore rubber hardness 80
- All bolts are fine pitch



Part Number	Dimensions (mm)				Static Load per mount (kg)	Standard Pack Quantity
	Bolt (M)	Foot Diameter (D)	Foot Height (H)	Adjust Height (h)		
550115*	M10x80	80	25	8	170	4
550116	M12x100	120	32	12	1200	1
550117	M16x120	160	35	12	3500	1

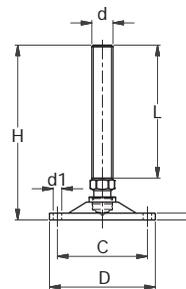
\*Rubber Shore Hardness 60

## Low-Profile Bolt Down Levelling Feet

SR 5700

### Stainless Steel 303 or Mild Steel

- Load capacities ranging from 300kg-3750kg
- 20° articulation
- Bolt down hole for secure fixing



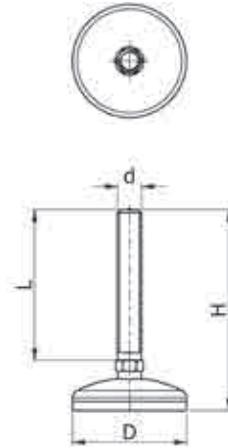
Part Number		Dimensions (mm)							Max Load Capacity (kg)	Standard Pack Quantity
Stainless Steel	Mild Steel	Thread Size (d)	Thread Length (L)	Foot Diameter (D)	Bolt Down Centre (C)	Height (H)	Flange Thickness (t)	Hole Diameter (d1)		
550095	550101	M8	60	50	40	82	4	5.5	300	12
550096	550102	M10	75	50	40	97	4	5.5	500	12
550097	550103	M12	150	60	50	175	5	5.5	1250	8
550098	550104	M16	150	80	68	181	6	6.5	1750	4
550099	550105	M20	150	100	82	189	6.5	9	2500	4
550100	550106	M24	200	120	100	256	7.5	11	3750	4

## Vibration Dampening Machine Feet

SR 5442

303 Stainless Steel

- 7° articulation
- Designed to absorb vibration
- High adhesion to floor



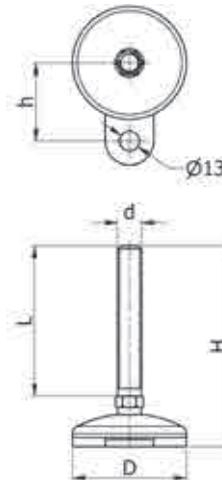
Part Number	Dimensions (mm)				Max Loading (kg)	Standard Pack Quantity
	d	L	D	H		
493705	M10	50	50	75	350	4
493706	M10	100	50	125	350	4
493707	M12	100	50	125	350	4
493708	M12	150	50	175	350	4
493709	M16	100	50	128	350	4
493710	M16	100	75	133	750	4
493711	M16	150	75	183	750	4
493712	M16	100	100	138	1000	4
493713	M20	150	100	191	1000	4
493714	M24	150	100	193	1000	4

## Vibration Dampening Machine Feet – Bolt Down

SR 5443

303 Stainless Steel Base and Stud with Nitrile Rubber Core

- 7° articulation
- Bolt down
- Designed to absorb vibration
- High adhesion to floor



Part Number	Dimensions (mm)						Max Loading (kg)	Standard Pack Quantity
	d	L	H	D	h			
493715	M16	150	183	75	52	750	4	
493716	M20	150	183	75	52	750	4	
493717	M16	150	188	100	67	1000	4	
493718	M20	150	191	100	67	1000	4	
493719	M24	150	193	100	67	1000	4	

## Industrial Articulated Stainless Steel Feet

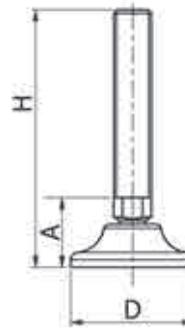
SR 5439

Black Polyamide Base, 304 Stainless Steel Thread

- 30° articulation
- Ideal for catering and food machinery



Part Number	Thread Size	Dimensions (mm)			Maximum Static Load (kg)	Standard Pack Quantity
		D	A	H		
493670	M8 x 50	40	27	77	10000	24
493671	M8 x 75	40	27	102	10000	24
493672	M10 x 75	40	27	102	10000	24
493673	M12 x 75	40	27	102	10000	24
493674	M10 x 100	40	27	127	10000	24
493675	M12 x 100	40	27	127	10000	24
493676	M10 x 75	65	33	108	11000	8
493677	M12 x 75	65	33	108	11000	8
493678	M10 x 100	65	33	133	11000	8
493679	M12 x 100	65	33	133	11000	8
493680	M16 x 100	65	37	137	15000	8
493681	M20 x 100	65	37	137	15000	8
493682	M16 x 150	65	37	187	15000	8
493683	M20 x 150	65	37	187	15000	8



## Non-Articulating Adjustable Feet

SR 1572

Black Polypropylene

- Use alone or with threaded inserts



Insert in image not included.

Part Number			Dimensions (mm)		Standard Pack Quantity		
M8	M10	M12	Foot Dia.	Stud Length	M8	M10	M12
497505	-	-	25	15	750	-	-
497509	-	-	25	25	500	-	-
465523	-	-	30	50	400	-	-
497506	-	-	34	38	500	-	-
465527	-	-	38	20	375	-	-
497507	-	-	38	25	500	-	-
497508	-	-	38	38	500	-	-
-	466586	-	38	40	-	250	-
465528	466587	-	38	50	250	225	-
462315	465524	-	38	60	500	200	-
-	465525	-	38	70	-	175	-
465526	465530	-	38	100	150	125	-
-	466588	-	48	30	-	200	-
460810	466591	-	48	40	400	350	-
-	466592	-	48	50	-	150	-
-	465531	-	48	60	-	150	-
-	465532	-	48	70	-	125	-
-	465533	-	48	100	-	100	-
-	465534	-	48	120	-	150	-
-	465520	465521	58	50	-	125	200

## Articulating Adjustable Feet

SR 1572

Black Polypropylene

- Allow adjustment under load with base remaining stationary



Part Number			Dimensions (mm)		Standard Pack Quantity		
M8	M10	M12	Foot Dia.	Stud Length	M8	M10	M12
465500	465499	-	30	30	450	225	-
-	465501	-	30	40	-	250	-
-	465502	-	30	50	-	225	-
-	466590	-	30	70	-	175	-
465503	-	-	30	80	250	-	-
465506	465504	465505	38	30	350	225	150
465511	466589	-	38	40	325	250	-
-	465507	-	38	50	-	225	-
-	-	466594	38	60	-	-	150
-	-	465509	38	70	-	-	100
465512	465508	-	38	80	225	150	-
-	-	465510	38	90	-	-	100
-	465516	-	48	30	-	200	-
465514	465484	-	48	40	400	250	-
465519	465517	-	48	50	200	150	-
-	465515	-	48	100	-	100	-
-	-	465522	58	100	-	-	75

# ADJUSTABLE FEET

## Standard Non-Articulating Adjustable Feet

SR 1572

Polypropylene

- Outer-Hex Slotted Head for adjustment
- Pozi socket in base for rapid assembly
- Grey feet are RAL 7042



### 25mm Diameter Foot

Part Number				Thread Length (mm)	Standard Pack Quantity	
M6		M8			M6	M8
Black	Grey	Black	Grey			
466121	551695	-	-	20	500	-
-	-	466122	551669	25	-	500
-	-	466123	551692	40	-	350
-	-	466124	-	55	-	250
-	-	466125	-	70	-	200
-	-	466126	-	100	-	150

### 30mm Diameter Foot

Part Number				Thread Length (mm)	Standard Pack Quantity	
M8		M10			M8	M10
Black	Grey	Black	Grey			
466127	551681	466132	551689	25	400	300
466128	551699	466133	551676	40	300	200
466129	-	466134	551702	55	200	100
466130	-	466135	551688	70	150	100
466131	-	466136	-	100	100	50

### 38mm Diameter Foot

Part Number						Thread Length (mm)	Standard Pack Quantity		
M8		M10		M12			M8	M10	M12
Black	Grey	Black	Grey	Black	Grey				
466137	-	466142	-	466147	-	25	400	300	200
466138	551670	466143	551674	466148	-	40	300	200	150
466139	-	466144	551680	466149	-	55	200	100	150
466140	551672	466145	551671	466150	-	70	150	100	100
466141	-	466146	-	466151	-	100	100	50	50

### 48mm Diameter Foot

Part Number						Thread Length (mm)	Standard Pack Quantity		
M8		M10		M12			M8	M10	M12
Black	Grey	Black	Grey	Black	Grey				
466152	-	466157	551704	466162	-	25	200	200	150
466153	-	466158	551698	466163	-	40	200	150	100
466154	-	466159	551703	466164	551668	55	150	100	100
466155	-	466160	-	466165	551697	70	150	100	50
466156	-	466161	-	466166	-	100	100	50	50

## Standard Articulating Adjustable Feet

SR 1572

Polypropylene

- Allow adjustment under load with base remaining stationary
- Outer-Hex Slotted Head for adjustment
- Pozi socket in base for rapid assembly
- Grey feet are RAL 7042



### 25mm Diameter Foot

Part Number				Thread Length (mm)	Standard Pack Quantity	
M6		M8			M6	M8
Black	Grey	Black	Grey			
466212	-	-	-	20	500	-
-	-	466167	551675	25	-	500
-	-	466168	551691	40	-	350
-	-	466169	551705	55	-	250
-	-	466170	551694	70	-	200
-	-	466171	-	100	-	150

### 30mm Diameter Foot

Part Number				Thread Length (mm)	Standard Pack Quantity	
M8		M10			M8	M10
Black	Grey	Black	Grey			
466172	-	466177	551686	25	400	300
466173	551682	466178	551706	40	300	200
466174	-	466179	551677	55	200	100
466175	-	466180	551673	70	150	50
466176	-	466181	551707	100	100	100

### 38mm Diameter Foot

Part Number						Thread Length (mm)	Standard Pack Quantity		
M8		M10		M12			M8	M10	M12
Black	Grey	Black	Grey	Black	Grey				
466182	551696	466187	551683	466192	-	25	400	300	200
466183	551685	466188	551679	466193	-	40	300	200	150
466184	-	466189	551678	466194	-	55	200	100	150
466185	-	466190	551687	466195	-	70	150	100	100
466186	-	466191	551701	466196	-	100	100	50	50

### 48mm Diameter Foot

Part Number						Thread Length (mm)	Standard Pack Quantity		
M8		M10		M12			M8	M10	M12
Black	Grey	Black	Grey	Black	Grey				
466197	-	466202	-	466207	-	25	200	150	100
466198	-	466203	551700	466208	-	40	150	100	100
466199	-	466204	551693	466209	-	55	150	100	100
466200	-	466205	551690	466210	-	70	100	100	50
466201	-	466206	-	466211	551684	100	100	100	50

## Adjustable Tilt Glides

SR 1575

Black Polypropylene

- Bright zinc-plated steel tilt ball and stud
- Ideal for angled applications
- Can be adjusted for use on uneven floor surfaces
- Ideal for use with SR1570 and SR1571 threaded inserts



Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
462183	M6	25.0	25.0	750
462184	M6	32.5	25.0	500
110728	M8	25.0	12.0	100
110732	M8	25.0	25.0	100
110729	M8	32.0	12.0	100
110733	M8	32.0	25.0	100
110730	M8	38.0	12.0	100
110734	M8	38.0	25.0	100
110731	M8	47.5	12.0	100
110735	M8	47.5	25.0	100
110736	M10	25.0	15.0	100
110740	M10	25.0	38.0	100
110744	M10	25.0	50.0	100
110737	M10	32.0	15.0	100
110741	M10	32.0	38.0	100
110745	M10	32.0	50.0	100
110738	M10	38.0	15.0	100
110742	M10	38.0	38.0	100
110746	M10	38.0	50.0	100
110739	M10	47.5	15.0	100
110743	M10	47.5	38.0	100
110747	M10	47.5	50.0	100

## Low-Profile Adjustable Feet

SR 1572

Black Polyamide or Polyethylene

- Zinc-plated steel stud
- Ideal for uneven surfaces



Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
498651*	M6	20	20	1000
498652*	M6	20	25	1000
498653*	M6	20	50	1000
498655*	M6	25	25	1000
498654*	M8	20	16	1000
465329†	M8	25	25	500
498656*	M8	25	37	500
498657*	M8	32	20	600
601835*	M8	32	50	250
465330†	M8	35	25	250
465331†	M10	25	35	500
498658*	M10	32	25	500
465328†	M10	35	35	250
499810*	M10	44	20	250

\*Polyethylene †Polyamide

# ADJUSTABLE FEET

## All-metal Height Adjusters

SR 1564

BZP Steel

- Articulating stud



Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
463786	M10	46	40	200
463787	M10	46	60	175

## Chrome-Capped Adjustable Feet

SR 1574

Black Polyethylene



- Attractive chrome metal cover shell
- Non-tilt design provides extra stability
- Ideal for uneven surfaces
- Protect floor surface from abrasion

Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
465347	M6	20	10	1500
465346	M8	25	20	375
465352	M8	30	20	250
465355	M8	35	20	250
465356	M8	40	25	250
465345	M10	25	20	250
465350	M10	30	20	250
465358*	M10	40	40	250
465354*	M10	40	60	200
465359**	M10	40	25	250

\*Small degree of tilt – loose swivelling adjustable nut (17mm a/f).

\*\*Fixed hexagonal adjustable nut (10mm a/f).

## Smooth-Based Adjustable Glides

SR 1578

Black Polyethylene

- Smooth chrome-coloured steel base offers excellent sliding movement
- Zinc-plated steel stud
- Ideal for use on carpeted floors



Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
465353	M8	30	25	500
465351	M8	40	25	250
465349	M10	30	25	250
465357	M10	40	25	250

## Chrome-Capped Low Profile Adjustable Feet

SR 1574

Natural Polyamide



- Attractive chrome metal cover shell
- Bright zinc-plated steel stud
- Ideal for uneven surfaces

Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
RWA25M0820	M8	25	20	500
RWA35M0820	M8	35	20	250
RWA45M0820	M8	45	20	250
RWB50M0820*	M8	50	20	250
RWA45M1045	M10	45	45	250

\*Style variation, cap covers entire base.

## Heavy-Duty Adjusters

SR 1568

Black Polyamide

- Integral hexagonal nut allows adjustment under load
- Screwdriver slot in base enables fast assembly with power tools
- Bases of 47.5mm and 37.5mm diameter (flat pattern only) have three moulded screw holes for fixing



Part Number	Thread Size	Dimensions (mm)		Standard Pack Quantity
		Foot Diameter	Stud Length	
RD25M1035F	M10	25.0	35.0	250
RD25M1045F	M10	25.0	45.0	250
RD25M1070F	M10	25.0	70.0	250
RD375M1035F	M10	37.5	35.0	250
RD375M1045F	M10	37.5	45.0	250
RD475M1045F	M10	47.5	45.0	175
RD475M1045C*	M10	47.5	45.0	175
RD475M1070F	M10	47.5	70.0	125
RD25M1245F	M12	25.0	45.0	125
RD475M1245F	M12	47.5	45.0	200

\*Conical-shaped base.

## Polyamide and Stainless Steel Allen Key Feet

SR 5791

Polyamide Base with 304 Stainless Steel Stud

- Allen key socket for easy adjustment from above
- Optional NBR rubber pad - Shore A 70 hardness
- Ideal to add height adjustment and levelling capability to desks and other furniture
- High static load capacity



Part Number		Thread Size	Dimensions (mm)					Approximate Load Capacity (kg)	Standard Pack Quantity
Standard	Rubber Pad Version		Base Diameter	Stud Length	Base Depth	Overall Height	Allen Key Size		
1220957	1220965	M8	40	25	16	44	4	500	50
1220958	1220966	M8	40	50	16	69	4	500	50
1220959	1220967	M10	40	25	16	44	5	500	50
1220960	1220968	M10	40	50	16	69	5	500	50
1220961	1220969	M8	50	25	20	48	4	600	50
1220962	1220970	M8	50	50	20	73	4	600	50
1220963	1220971	M10	50	25	20	48	5	600	50
1220964	1220972	M10	50	50	20	73	5	600	50

## Polyamide and Steel Allen Key Feet

Polyamide Base with Zinc Plated Steel Stud

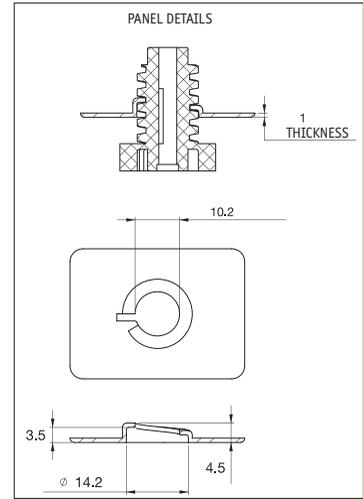
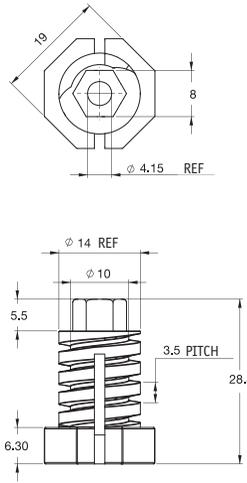
Part Number		Thread Size	Dimensions (mm)					Approximate Load Capacity (kg)	Standard Pack Quantity
Standard	Rubber Pad Version		Base Diameter	Stud Length	Base Depth	Overall Height	Allen Key Size		
1220383	1220391	M8	40	25	16	44	4	500	50
1220384	1220392	M8	40	50	16	69	4	500	50
1220385	1220393	M10	40	25	16	44	5	500	50
1220386	1220394	M10	40	50	16	69	5	500	50
1220387	1220395	M8	50	25	20	48	4	600	50
1220388	1220396	M8	50	50	20	73	4	600	50
1220389	1220397	M10	50	25	20	48	5	600	50
1220390	1220398	M10	50	50	20	73	5	600	50

# ADJUSTABLE FEET

## Levelling Foot

SR 5792

33% Glass Filled PA 6/6, UL94 HB, -30 to 140°C



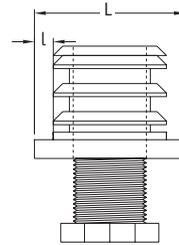
Part Number LF-1	Standard Pack Quantity 250
---------------------	-------------------------------

## One-Piece Adjustable Feet

SR 1573

Black Polyamide

- Rugged, durable and heavy duty
- Resists lateral stress
- One-piece threaded insert and height adjuster



### Square

Part Number	Dimensions (mm)			Axial Load kg (approx.)	Standard Pack Quantity
	L	l (gauge)	Thread		
465494	20 x 20	1.5-2.0	M10 x 25	100	100
060222269901	22 x 22	1.5-2.0	M10 x 25	100	50
465495	25 x 25	1.5-2.0	M16 x 25	150	100
465496	30 x 30	1.5-2.0	M22 x 25	300	100
465489	35 x 35	1.5-2.0	M22 x 25	300	100
465490	40 x 40	1.5-2.1	M22 x 25	300	100
465491	45 x 45	1.5-2.2	M30 x 30	300	100
465492	50 x 50	1.5-2.3	M30 x 30	300	100

### Round

Part Number	Dimensions (mm)			Axial load kg. (approx.)	Standard Pack Quantity
	L	l (gauge)	Thread		
465486	32	1.5-2.0	M22 x 25	300	100
465487	35	1.5-2.0	M22 x 25	300	100
060004069901	38	1.5-2.0	M22 x 25	200	25
465488	40	1.5-2.0	M22 x 25	300	100
465493	45	1.5-2.0	M30 x 30	300	100
460830	50	1.5-2.0	M30 x 30	300	300
463563	60	1.5-2.0	M30 x 30	300	100

## Hexagonal Feet

SR 5727

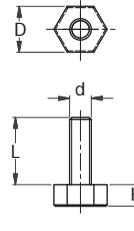
Polyamide or LDPE Base with Steel Thread

- Durable adjustable foot for appliances and furniture

### Polyamide Base

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		Stud Length	D	H	
499324	M8	15.0	17.0	8.0	1000
499325	M8	25.0	17.0	8.0	1000
499326	M8	35.0	17.0	8.0	800
499327	M10	25.0	17.0	8.0	700
499328	M10	35.0	17.0	8.0	500
499329	M10	45.0	17.0	8.0	400
499330	M10	55.0	17.0	8.0	350
499331	M10	65.0	17.0	8.0	300
499332	M10	75.0	17.0	8.0	250
499333	M10	105.0	17.0	8.0	200
499334	M10	145.0	17.0	8.0	100
499336	M6	25.0	20.0	8.0	1000
499337	M6	35.0	20.0	8.0	1000
499338	M6	55.0	20.0	8.0	800
499351	M10	20.0	27.0	5.0	750
499352	M10	25.0	27.0	5.0	600
499353	M10	35.0	27.0	5.0	500
499354	M10	45.0	27.0	5.0	400
499355	M10	55.0	27.0	5.0	300
499356	M10	65.0	27.0	5.0	300
499357	M10	75.0	27.0	5.0	250
499358	M10	105.0	27.0	5.0	200
499359	M10	145.0	27.0	5.0	150
499360*	M12	17.0	27.0	5.0	500

\*10mm Base Height



### LDPE Base

Part Number	Thread Size	Dimensions (mm)			Standard Pack Quantity
		Stud Length	D	H	
499335†	M8	15.0	19.0	12.0	500
499339	M8	15.0	20.0	8.0	500
499340	M8	25.0	20.0	8.0	100
499341	M8	35.0	20.0	8.0	200
499342	M8	45.0	20.0	8.0	200
499343	M8	15.0	25.0	8.0	500
499344	M8	25.0	25.0	8.0	250
499345	M8	35.0	25.0	8.0	200
499346	M8	45.0	25.0	8.0	100
499347	M10	15.0	25.0	8.0	100
499348	M10	25.0	25.0	8.0	250
499349	M10	35.0	25.0	8.0	200
499350	M10	45.0	25.0	8.0	50
499361	M8	15.0	30.0	8.0	100
499362	M8	25.0	30.0	8.0	100
499363	M8	35.0	30.0	8.0	100
499364	M8	45.0	30.0	8.0	100
499365	M10	15.0	30.0	8.0	200
499366	M10	25.0	30.0	8.0	100
499367	M10	35.0	30.0	8.0	200
499368	M10	45.0	30.0	8.0	250

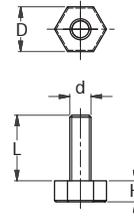
†11mm Base Height

## Washing Machine Foot

SR 5793

EPDM Base, Galvanised Steel Stud

- Shore A 70 rubber base prevents appliances from moving due to vibration
- Hexagonal shape for easy level adjustment



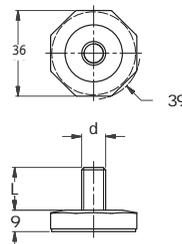
Part Number	Thread Size	Dimensions (mm)			Approximate Load Capacity (kg)	Standard Pack Quantity
		Base Diameter (D)	Stud Length (L)	Base Depth (H)		
1220399	M10	35	30	10.5	200	50

## Octagonal Feet

SR 5727

Black rubber base with steel thread

- Anti-vibration
- Anti-slip

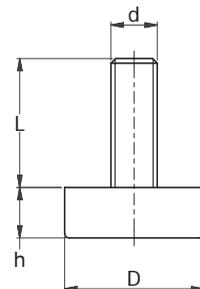


Part Number	Dimensions (mm)			Standard Pack Quantity
	Thread Size (d)	Stud Length (L)	D	
499439	M6	18.0	36.0	50
499440	M6	38.0	36.0	50
499441	M8	18.0	36.0	50
499442	M8	38.0	36.0	50
499443	M10	18.0	36.0	50
499491	M10	38.0	36.0	50

## Rubber Fixed Foot

SR 5726

- Steel thread
- Fixed screw
- Rubber foot absorbs vibrations
- Anti-slip

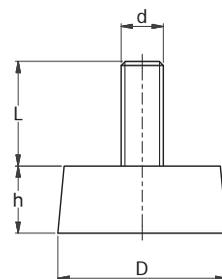


Part Number	Dimensions				Standard Pack Quantity
	Base Diameter (mm)	Thread Size	Stud Length (mm)	h (mm)	
499421	30	M6	18	11	50
499422	30	M6	38	11	50
499423	30	M8	18	11	50
499424	30	M8	38	11	50
499425	30	M10	28	11	50
499426	30	M10	38	11	50
499427	30	M12	28	11	50
499428	30	M12	48	11	50
499429	30	M12	70	11	50
499430	35	M6	18	12	50
499431	35	M6	38	12	50
499432	35	M8	18	12	50
499433	35	M8	38	12	50
499434	35	M10	18	12	50
499435	35	M10	38	12	50
499436	35	M12	18	12	50
499437	35	M12	38	12	50
499438	35	M12	70	12	50

## Tapered Rubber Fixed Foot

SR 5726

- Steel or stainless steel thread options
- Tapered rubber foot
- Fixed screw
- Base diameter Ø40mm
- Rubber foot absorbs vibrations
- Anti-slip



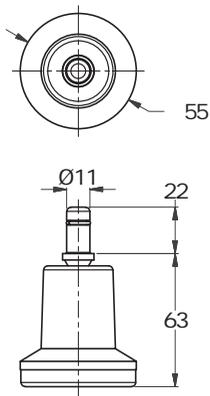
Part Number		Thread Size	Dimensions (mm)			Standard Pack Quantity
Steel Thread	Stainless Steel Thread		Stud Length	D	h	
499405	499413	M6	25	40	16	50
499406	499414	M8	25	40	16	50
499407	499415	M8	50	40	16	50
499408	499416	M10	25	40	16	50
499409	499417	M10	50	40	16	50
499410	499418	M12	25	40	16	50
499411	499419	M12	50	40	16	50
499412	499420	M12	70	40	16	50

## Gripneck Feet

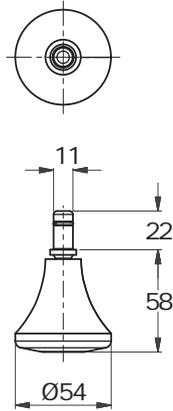
SR 6440

Polyamide Base, Galvanised Steel Stem

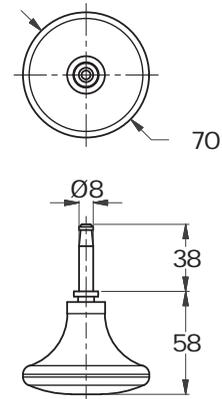
- Gripneck stem for quick fitting
- Smooth base for easy movement
- Type 4 has a hollow base



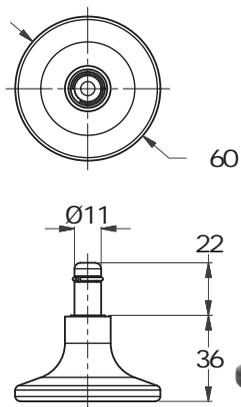
Type 1



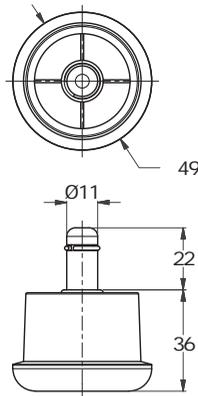
Type 2



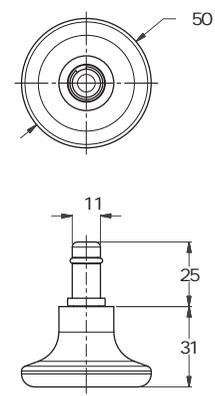
Type 3



Type 4



Type 5



Type 6

Part Number	Type	Load Bearing (kg)	Standard Pack Quantity
551066	1	55	100
551062	2	50	200
551063	3	50	100
551064	4	50	200
551065	5	55	200
551061	6	50	200

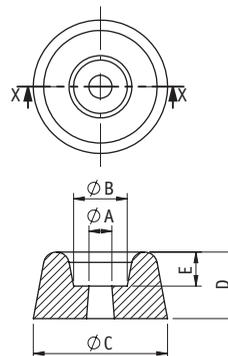
# SELF-ADHESIVE, SCREW-ON FEET & BUMPERS

## Bumper Foot

SR P-0007



- Screw on recessed bumper foot
- Ideal as feet for small appliances, door stop or spacer
- TPE or PVC options with the latter available in black or white



### PVC

Part Number		Dimensions (mm)					Standard Pack Quantity
White	Black	A	B	C	D	E	
048150011307	048150011407	3.2	6	15	7.5	4	100
048200011307	048200011407	4.3	8	20	10	5	100
048250011307	048250011407	4.3	10	25	12.5	6.5	100
048300011307	048300011407	5.3	12	30	15	7.5	50
-	066020011407	4.2	9	19.5	23	7.5	100
-	066025011407	5.2	11	24.5	25	7.5	100

### TPE

Part Number	Dimensions (mm)					Standard Pack Quantity
Black	A	B	C	D	E	
66030069912	7	12	30.5	25	9	50

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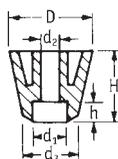
[www.essentracomponents.ie](http://www.essentracomponents.ie)

## Screw-On Feet

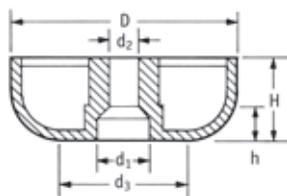
SR 1590

Black LDPE, TPR, Natural or Neoprene Rubber

- Ideal for wooden cabinets, equipment enclosures, free-standing electrical/electronic equipment etc.
- Fit with screws (not supplied)
- TPR is recommended for excellent slip resistance



Type 1



Type 2



Part Number		Type	Dimensions (mm)							Standard Pack Quantity
LDPE	TPR		H	D	d3	d1	d2	h		
60470	15129	1	7.1	15.9	13.5	7.9	3.2	4.0	10000	
12477	15130	1	9.5	16.4	16.4	6.4	4.0	5.6	10000	
60785	15124	1	11.3	19.3	18.0	7.5	3.2	7.9	5000	
51607	15125	1	11.9	19.8	18.2	9.5	4.7	6.3	5000	
50842	15111	1	15.9	19.0	12.7	7.9	4.0	4.8	5000	
50954	15127	1	18.2	18.5	17.5	8.5	4.8	7.9	2000	
50769	15126	1	25.4	22.2	12.7	8.7	4.0	14.3	3000	
50701	15140	2	9.5	17.5	17.5	7.9	4.0	5.2	3500	
49098	-	2	16.0	45.0	30.0	10.5	5.0	10.0	1500	
49099	-	2	19.0	55.0	40.0	10.5	5.0	12.0	750	

Part Number	Type	Dimensions (mm)							Standard Pack Quantity
Natural Rubber		H	D	d3	d1	d2	h		
462177	2	9.0	16.0	13.0	7.0	3.0	4.0	250	
462178	2	8.0	19.0	16.0	7.0	3.0	6.0	250	
462179	2	8.0	22.0	19.0	10.0	3.0	6.0	250	
462180	2	9.0	25.0	20.0	13.5	5.0	6.0	250	
462181	2	15.0	27.0	20.0	10.0	6.0	10.0	250	
462182	2	23.0	35.0	30.0	9.0	6.0	5.0	250	

Part Number	Type	Dimensions (mm)							Standard Pack Quantity
Neoprene Rubber		H	D	d3	d1	d2	h		
1339688	2	7.1	15.9	13.8	8.0	3.2	4.0	100	
SOF-15140	1	9.5	17.5	-	8.0	4.0	5.2	100	
1339686	2	11.5	19.1	18.0	10.2	5.0	6.35	100	
SOF-15111	1	15.25	19.0	12.7	8.0	4.0	4.8	100	
SOF-15127	2	18.35	18.5	-	8.0	4.8	6.35	100	
SOF-15126	1	25.0	22.5	12.7	8.7	4.0	14.5	100	

# SELF-ADHESIVE, SCREW-ON FEET & BUMPERS

## Fast Foot

SR 5794

Grommet Material: PA 6, UL94 V2, -50 to 115°C



Fig. 1

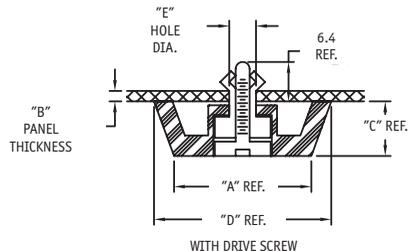


Fig. 2

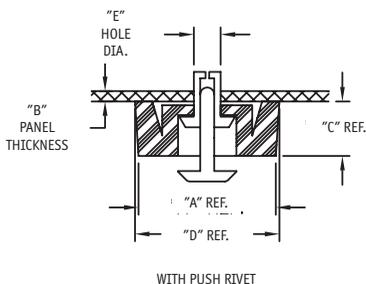
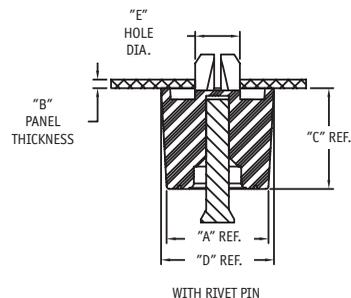


Fig. 3



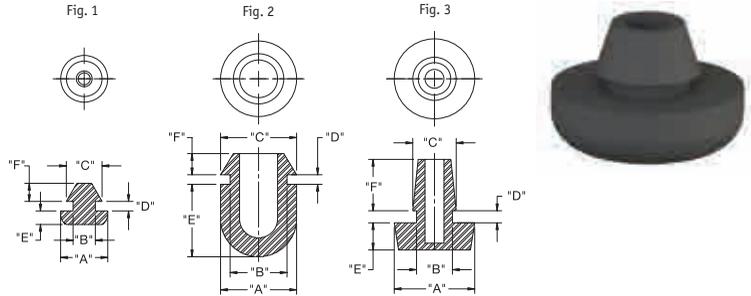
Part Number	Foot Material TPE, UL94 HB	Rivet/Screw Material, UL94 HB	Dimensions (mm)					Fig.	Standard Pack Quantity
			"A" Ref.	"B" Thickness Range	"C" Ref.	"D" Ref.	"E" Hole Ø		
FF-001B	TPE, -50 to 95°C	Acetal, -40 to 95°C	20	1 - 2.3	14	24	5 - 5.1	1	100
FF-004B	TPE, -50 to 95°C	Acetal, -50 to 95°C	18	1 - 2.3	10	10	5 - 5.1	1	100
FF-003-P3X5.5B	TPE, -60 to 95°C	Acetal, -50 to 95°C	13.5	0.8 - 1.8	5.5	14.2	3.1 - 3.2	2	100
FF-005-P4X5B	TPE, -60 to 95°C	Acetal, -50 to 95°C	20	0.8 - 1.8	4.2	21	4.1 - 4.2	2	100
FF-005-P4X6B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	1.8 - 2.8	4.2	21	4.1 - 4.2	2	100
FF-005-P4X7B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	2.9 - 3.7	4.2	21	4.1 - 4.2	2	100
FF-005-P4X8B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	3.8 - 4.8	4.2	21	4.1 - 4.2	2	100
FF-006-P4X6B	TPE, -50 to 95°C	Acetal, -50 to 95°C	14	0.6 - 1	6	15	4.1 - 4.2	2	100
FF-006-P4X7B	TPE, -50 to 95°C	Acetal, -50 to 95°C	14	1 - 2	6	15	4.1 - 4.2	2	100
FF-006-P4X8B	TPE, -50 to 95°C	Acetal, -50 to 95°C	14	2 - 3.1	6	15	4.1 - 4.2	2	100
FF-006-P5X6.5B	TPE, -50 to 95°C	Acetal, -50 to 95°C	14	0.8 - 1.2	6	15	5.1 - 5.2	2	100
FF-006-P5X7.5B	TPE, -50 to 95°C	Acetal, -50 to 95°C	14	1.3 - 2.3	6	15	5.1 - 5.2	2	100
FF-008-P4X6B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	0.8 - 1.8	6	21	4.1 - 4.2	2	100
FF-008-P4X7B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	1.9 - 2.8	6	21	4.1 - 4.2	2	100
FF-008-P4X8B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	2.9 - 4	6	21	4.1 - 4.2	2	100
FF-009-P4X6B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	0 - 0.8	8	21	4.1 - 4.2	2	100
FF-009-P4X7B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	0.8 - 2	8	21	4.1 - 4.2	2	100
FF-009-P4X8B	TPE, -50 to 95°C	Acetal, -50 to 95°C	20	2.1 - 3	8	21	4.1 - 4.2	2	100
FF-010-P4X7B	TPE, -50 to 95°C	Acetal, -50 to 95°C	14	1 - 2	9	15	4.1 - 4.2	2	100
FF-010-P4X8B	TPE, -50 to 95°C	Acetal, -50 to 95°C	14	2 - 3.1	9	15	4.1 - 4.2	2	100
FF-13-P3.5X4.5B	TPE, -50 to 95°C	Acetal, -50 to 95°C	10	0.5 - 1.2	4	10.8	3.6 - 3.7	2	100
FF-13-P3.5X5.5B	TPE, -50 to 95°C	Acetal, -50 to 95°C	10	1.2 - 2	4	10.8	3.6 - 3.7	2	100
FF-13-P3.5X6.0B	TPE, -50 to 95°C	Acetal, -50 to 95°C	10	1.5 - 2.2	4	10.8	3.6 - 3.7	2	100
FF-13-P3.5X7.0B	TPE, -50 to 95°C	Acetal, -50 to 95°C	10	2.5 - 3.2	4	10.8	3.6 - 3.7	2	100
FF-026-M40*	TPE, -60 to 85°C	Polypropylene, 0 to 65°C	18	0.5 - 1.2	18	20	8 - 8.1	3	1000

\*Does not include Grommet

## Push on Feet

SR 5795

Black TPE, UL94 HB, -50 to 95°C



Part Number	Recommended Mounting Hole	Recommended Panel Thickness	Dimensions (mm)						Fig.	Standard Pack Quantity
			"A" Ø	"B" Ø	"C" Ø	"D"	"E"	"F" Ref.		
POF-40022	3.7 - 3.8	3.2	7.9	3.2	4.4	3.3	1.6	3.3	1	100
POF-40048	4.5 - 4.6	1.5	7.9	3.7	6.1	1.6	2.3	3	1	100
POF-40059	9.5 - 9.6	1.5	12.7	9.5	12.7	1.6	12.2	3.6	2	100
POF-50185	6 - 6.1	1.9	13.4	6	7.3	2	4.6	8.6	3	100
POF-12664	7 - 7.1	1.2	15.7	7	8.6	1.3	5.1	4.1	3	100

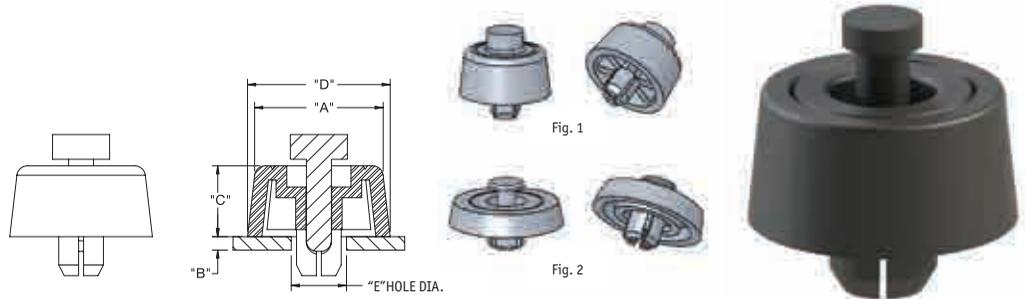
## Soft Fast Foot

SR 5796

Foot: Black TPE, 86 Shore A,

UL94 HB, -60 to 95°C

Pin: PP, UL94 HB, 0 to 65°C



Part Number	Recommended Mounting Hole "E"	Recommended Panel Thickness "B"	Dimensions (mm)			Fig.	Standard Pack Quantity
			"A" Ø	"C" Ø	"D" Ø		
SFF-018	7.75	0.8 - 1.5	18	10	20	1	100
SFF-021	7.75	5 - 8	20	6	21	1	100
SFF-023	7.75	0.8 - 1.5	23	5	25	2	100
SFF-028	7.75	0.8 - 1.5	18	15	20	1	100
SFF-124-A4*	8.1	0.8 - 1.2	18	15	20	1	200
SFF-125-A4†	8.1	0.8 - 1.2	18	15	20	1	200

\*PP †PP & Elastomer

## Insert Foot

SR 6449

PVC

- Black or Natural
- Prevents sliding and reduces vibration
- Easy mounting through simple design



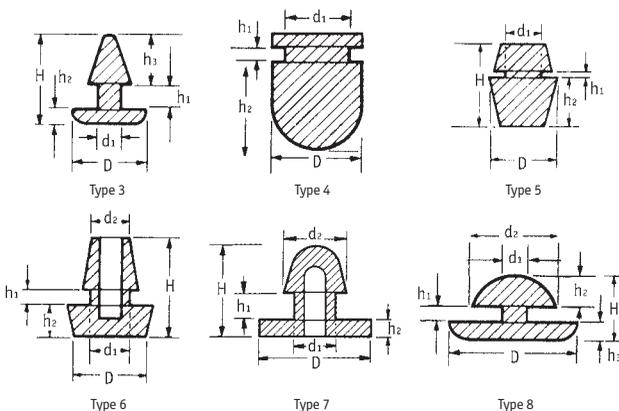
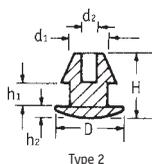
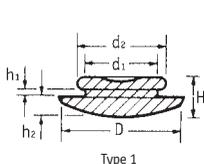
Part Number	Colour	Recommended Panel Thickness	Dimensions (mm)					Type	Standard Pack Quantity
			A	B	C	D	E		
049080011407	Black	-	3	10	8	3	-	1	100
049120011407	Black	-	4	10	12	3	-	1	100
049130011407	Black	-	5	13	13	3	-	1	100
049160011407	Black	-	5	10	16	4	-	1	100
049100000007	Natural	-	4.2	13	9	3.5	-	2	100
047060011407	Black	1.2	6	19.5	10	4	2.5	3	100

## Grommet Feet

SR 1591

Black PVC

- Ideal for housings and cases
- Easy to fit; simply push into punched or drilled holes



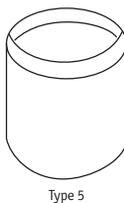
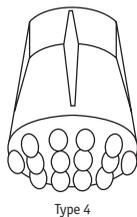
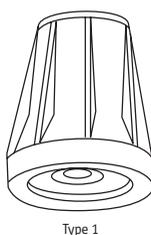
Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		D	d1	d2	H	h1	h2	h3	
50680	1	19.0	12.0	13.1	6.5	0.8	3.2	-	10000
12493	1	15.4	9.8	12.7	7.0	1.6	2.7	-	10000
12494	1	19.0	12.8	15.9	7.5	1.6	3.2	-	3500
50493	2	10.3	4.5	2.2	7.6	1.6	2.0	-	5000
12664	2	15.8	6.8	4.0	9.7	1.5	5.0	-	10000
40022	3	7.9	3.2	-	8.3	3.2	1.6	3.5	10000
40048	3	7.9	3.7	5.5	7.0	1.6	2.4	3.0	10000
1347534*	4	12.5	9.5	11.8	17.0	1.6	12.0	3.5	5000
12495	5	10.9	6.9	7.6	12.8	0.7	8.1	-	10000
50185	6	12.0	6.0	5.8	15.2	2.1	4.6	-	10000
1347530	7	25.3	12.5	15.3	20.0	5.0	4.0	-	2000
15509	8	17.5	11.1	13.3	10.0	2.6	4.0	4.0	10000

\*Style variation on flanged section.

## Walking Aid Feet

SR 1503

Rubber



### Rubber

Part Number	Type	Colour	Dimensions (mm)		Standard Pack Quantity
			Stick Diameter	Height	
497454*	1	Grey	19	51.5	200
497455*	2	Black	19	38.5	400
15121	3	Black	19	42.0	700
497456*	4	Black	19	39.0	500
497457*	1	Grey	22	55.0	175
497458*	2	Black	22	50.0	300
15119	3	Black	22	42.0	700
497459*	4	Black	22	39.0	400
497460*	1	Grey	25	52.0	200
497461*	2	Black	25	50.0	350
15112	3	Black	25	42.0	700
497462*	4	Black	25	39.0	500

\*With metal inserts

### Black Ferrule-Type

Part Number	Colour	Dimensions (mm)		Standard Pack Quantity
		Stick Diameter	Height	
497463	5	10	26.0	1000
497464	5	13	26.5	1000
497465	5	16	26.0	1500
497466	5	19	32.0	1000
497467	5	22	38.5	750
497468	5	25	37.5	500

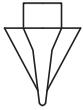
## Stem Bumpers

SR 5797

Natural Polyamide

- Used to protect surfaces from contact

Lead Types



Arrow: A



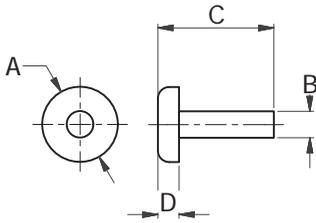
No Lead: N



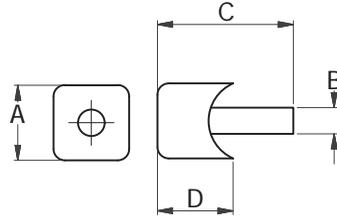
Tapered: T



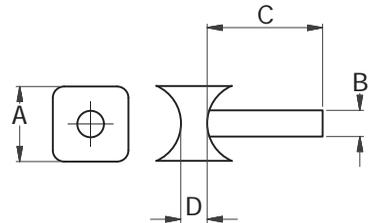
Step: S



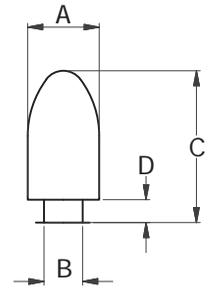
Type 1



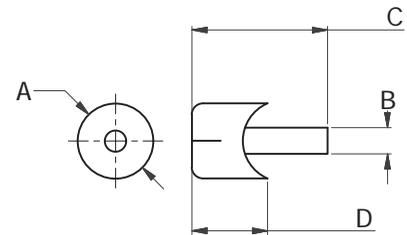
Type 2



Type 3



Type 4



Type 5

Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		A	B	C	D	
BST015A	1A	11.1	3.2	13.9	3.2	29000
BST027A	1A	12.7	5.1	15.4	1.6	20000
BST005A	1N	9.2	5.1	6.4	3.8	16000
BST025A	1N	12.7	4.8	8.3	3.8	8000
BST010A	1S	9.5	4.8	15.2	7.6	15000
BST020A	1S	12.7	4.8	19.8	7.5	8000
BST030A	1S	12.7	6.4	16.3	4.8	5000
BST040A	1S	12.7	8.5	21.8	11.1	6500
BST072A	1S	19.1	6.5	10.2	4.8	7000
BST100A	1S	28.6	8.1	12.6	4.2	5000
BST140A	1S	31.8	9.5	21.4	9.7	2300
BST075C	1T	19.1	6.4	17.5	4.8	10000
BST095A	1T	25.4	6.4	16.7	4	7000
BST115A	2S	19.1 x 25.4	6.4	14.5	3.1	5500
BST110A	3S	19.1 x 19.1	6.8	12.5	2.3	5000
BST135A	3S	15.8 x 15.8	6.4	11.4	3.1	5500
BST012A	4N	9.5	6.6	22.4	16.1	10000
BCS030C	5S	19.1	6.5	9.1	4.8	8000
BST070A	5S	24.9	6.4	19.1	12.7	3500
BST150A	5T	19.1	6.8	18	4.8	8000

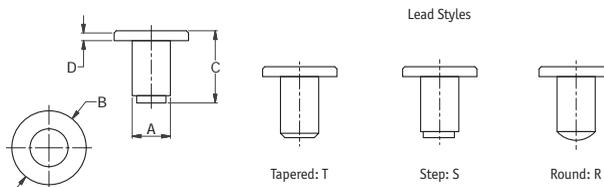
# SELF-ADHESIVE, SCREW-ON FEET & BUMPERS

## Flat Headed Stem Bumpers

SR 5798

Natural Polyamide or Black LDPE

- Designed to rest against a flat or tangent surface



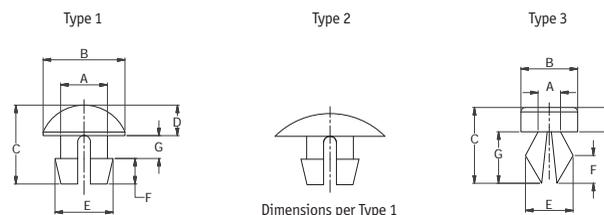
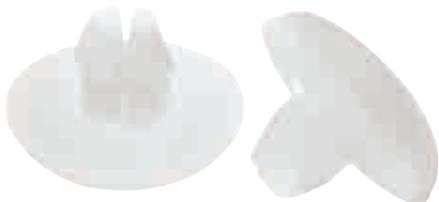
Part Number	Type	Colour	Dimensions (mm)				Standard Pack Quantity
			A	B	C	D	
BFS010A	T	Natural	3.2	10.3	7.5	1.6	15000
BFS015A	S	Natural	6.4	12.7	15.1	6.4	11000
BFS020A	R	Natural	4.0	7.8	4.4	1.1	10000
BFS035A	T	Natural	4.7	12.7	8.0	3.2	9000
BFS060A	R	Natural	6.4	12.7	11.1	4.0	15000
BFS080A	S	Natural	6.6	19.1	11.1	2.4	9000
BFS100A	S	Natural	8.1	25.4	10.5	4.6	7000
BFS110A	S	Natural	9.7	37.1	10.5	4.7	3000
BFSA010A	T	Black	3.2	10.3	7.5	1.6	15000
BFSA015A	S	Black	6.4	12.7	15.1	6.4	11000
BFSA035A	T	Black	4.7	12.7	8.0	3.2	9000
BFSA060A	R	Black	6.4	12.7	11.1	4.0	15000
BFSA080A	S	Black	6.6	19.1	11.1	2.4	9000
BFSA100A	S	Black	8.1	25.4	10.5	4.6	7000
BFSA110A	S	Black	9.7	37.1	10.5	4.8	3000

## Split Stem Bumpers

SR 5799

Natural Polyamide

- Produced with a split-stem portion to make insertion easy and removal difficult



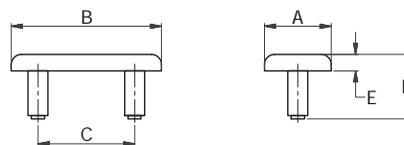
Part Number	Type	Dimensions (mm)							Standard Pack Quantity
		A	B	C	D	E	F	G	
BDH005A	1	2.8	6.4	5.2	2.4	3.2	1.2	1.6	40000
BDH010A	1	3.2	9.5	7.8	1.2	3.9	3.3	3.3	30000
BDH020A	2	4	9.5	6.7	2.4	4.4	2.4	2.4	20000
BDH025A	2	4.8	8.7	5.2	1.3	5.5	2.1	1.8	35000
BDH030A	2	4.8	9.9	6.4	2.4	5.5	2.2	1.7	24000
BDH040A	2	5.3	9.5	8.7	1.6	6.2	3.2	4	20000
BSS010A	3	3.9	12.7	7.9	1.6	4.2	1.6	4.8	14000
BSS015A	3	6.6	19	15.9	4.7	7.4	3.2	7.9	10500

## Double Stem Bumpers

SR 5801

Natural Polyamide

- Designed for applications requiring a bumper with a large head area



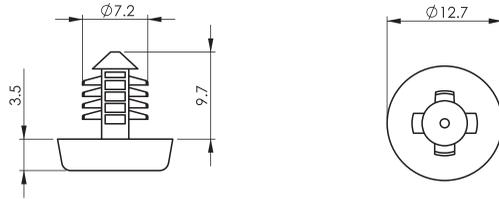
Part Number	Dimensions (mm)					Standard Pack Quantity	
	To Fit Hole	A	B	C	D		
BDS010A	4.8	9.5	25.4	15.9	12.7	3.2	3500

### Foot, Barbed Mount

SR 5802

Rivet: Black PA 6/6, UL94 V2, -40 to 85°C

Base: TPE, -40 to 100°C



Part Number	Hole $\varnothing \pm 0.08$	Min. Panel Thickness	Standard Pack Quantity
FBR-1	6.8	10	1000

### Foot, Snap Rivet Mount

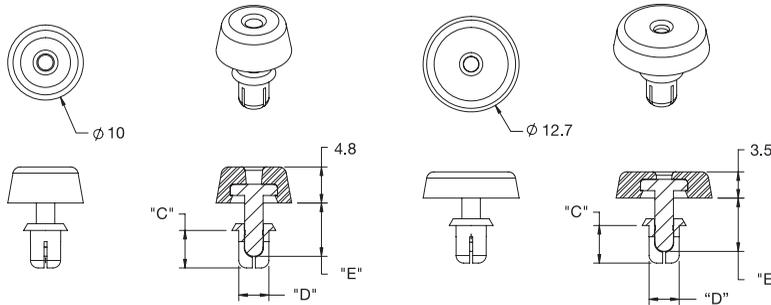
SR 5803

Rivet: Black PA 6/6, UL94 V2, -50 to 115°C

Base: TPE, -40 to 100°C

Fig. 1

Fig. 2



Part Number	Hole $\varnothing$ "G"	Dimensions (mm)				Fig.	Standard Pack Quantity
		Panel Thickness "F"	"C"	"D"	"E"		
FSR-1	3.6 - 3.7	1.2 - 2.1	3.5	3.5	5.1	1	1000
FSR-2	3.6 - 3.7	2.1 - 3	4.5	3.5	6.1	1	1000
FSR-3	4.1 - 4.2	2.5 - 3.5	5	4	7.1	1	1000
FSR-4	3.6 - 3.7	1.2 - 2.1	3.5	3.5	5.1	2	1000
FSR-5	3.6 - 3.7	2.1 - 3	4.5	3.5	6.1	2	1000
FSR-6	4.1 - 4.2	2.5 - 3.5	5	4	7.1	2	1000

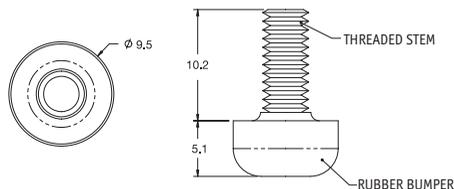
## Threaded Insert Bumper

SR 5804

Brass Stem

Black Butyl Rubber Bumper (Shore A 40-50)

- Typical compression for 5kg maximum load = 0.8



Part Number	Thread Type	Standard Pack Quantity
TB-1	#6-32	100
TB-2	#8-32	100
1342660	M3	100
1342662	M4	100

## Plug In Foot

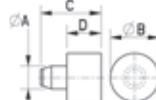
SR 6448

LDPE or PVC

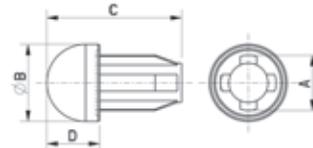
- Grey or Black
- Simple but effective foot for furniture or other constructions
- Prevents sliding and absorbs vibrations
- Type 1 made from LDPE
- Type 2 made from PVC



Type 1



Type 2



Part Number	Colour	Dimensions (mm)				Type	Standard Pack Quantity
		A	B	C	D		
068010000203	Grey	4.7	10	12	7	1	500
122001059907	Black	6.8	9.5	16.5	6.5	2	500

## Glass Foot

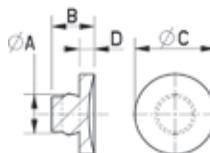
SR 6447

PVC or EVA

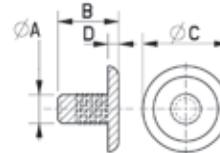
- Type 1 - PVC
- Type 2 - EVA
- Supports and protects glass plates on hard surfaces and constructions
- Compensates for small tolerances in constructions



Type 1



Type 2

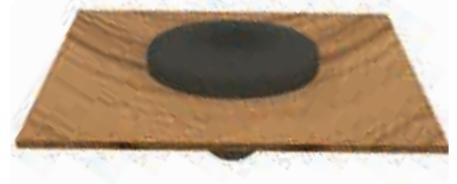
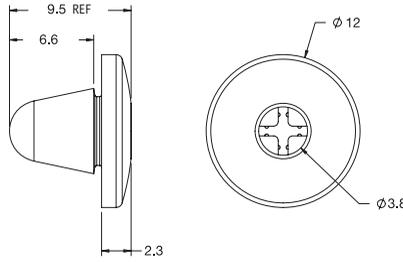


Part Number	Dimensions (mm)				Type	Standard Pack Quantity
	A	B	C	D		
069016000007	8	9	16	3	1	500
070012000048	4.2	8.6	12	1.5	2	500

## Blind Install Bumper

SR 5805

Silicone Rubber, UL94 HB, -40 to 150°C



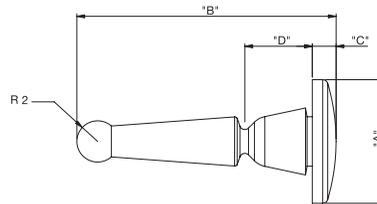
Part Number	Mounting Hole	Panel Thickness	Standard Pack Quantity
BIB-1	5 - 5.4	0.06 - 0.8	1000

## Break-Away Bumper

SR 5806

Black Silicone Rubber, Shore A 40 - 50,  
UL94 HB, -40 to 150°C

- Mounting tab designed to break-away after assembly to save space

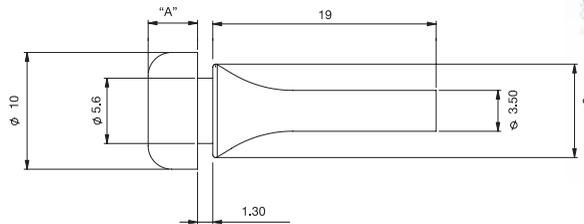


Part Number	Dimensions (mm)						Standard Pack Quantity
	"A"	"B"	"C"	"D"	Panel Thickness	Hole Ø	
BAB-1	12	25	2.3	6.5	0.6 - 0.8	5 - 5.4	1000
BAB-2	12	25	2.3	6.5	0.6 - 0.8	5 - 5.4	1000
BAB-3	10	20	2	4.3	0.5	4.7 - 5	1000

## Pull Mount Bumper

SR 5807

Black Silicone Rubber, Shore 63 A,  
UL94 HB, -40 to 150°C



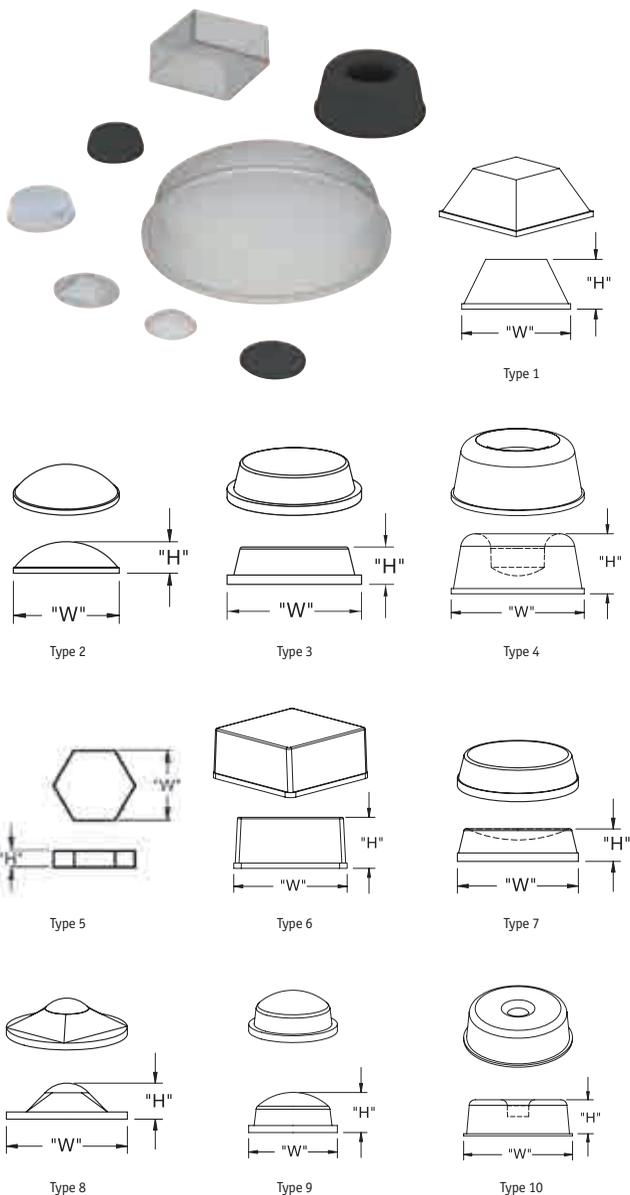
Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	Hole Ø	Panel Thickness	Colour	
BPM-1-60	3	6 - 6.35	1.5	Grey	1000
BPM-2	4.2	6 - 6.35	1.5	Black	1000
BPM-3-60	5	6 - 6.35	1.5	Black	1000

## Stick-On Feet/Buffers

SR 1593

Polyurethane

- Ideal as feet or as furniture door buffers
- Easy to apply
- Self-adhesive backing
- Suitable for most smooth and dry surfaces



### Black & Clear

Part Number		Type	Dimensions (mm)		Bumpers per Pad	Standard Pack Quantity
Black	Clear		Height (H)	Base Diameter (W)		
RBS-20BK	-	1	2.5	10.2	242	5082
32426	494481	1	3.1	12.7	200	3000
32427	462164	1	5.7	12.7	200	3000
RBS-29BK	RBS-29	1	6.4	19.8	98	2940
462171	462172	1	7.5	20.5	78	1000
494482	-	1	13.2	20.5	72	1000
-	462155	2	1.9	6.4	561	10000
-	462156	2	2.2	8.0	392	10000
RBS-7BK	RBS-7	2	2.2	8.6	450	5400
461230	461232	2	3.1	10.0	288	3000
32430	32429	2	5.0	11.1	242	3000
32432	461234	2	9.5	19.0	98	1000
461236	461238	3	1.8	10.0	288	3000
RBS-5BK	RBS-5	3	1.6	12.7	200	2000
461241	462169	3	1.9	19.0	98	3000
RBS-72BK	RBS-72	3	2.5	31.5	32	2400
494483	494484	3	3.0	19.7	84	4000
RBS-34BK	RBS-34	3	3.1	9.5	300	6000
RBS-24BK	RBS-24	3	3.1	20.5	72	2520
32433	461235	3	3.5	7.5	288	3000
32435	32434	3	3.5	12.7	200	3000
462159	462160	3	4.0	10.0	242	10000
39864	494485	3	4.0	19.0	84	2600
-	462165	3	4.5	14.0	128	5000
RBS-35BK	RBS-35	3	4.8	9.5	200	5000
RBS-41BK	RBS-41	3	5.1	20.0	84	3360
462168	-	3	6.0	18.0	84	2000
43045	-	3	6.2	20.0	84	2000
RBS-6BK	RBS-6	3	6.3	12.7	200	5000
RBS-11BK	RBS-11	3	10.1	15.9	128	2560
462176	494486	4	10.1	22.3	72	1000
RBS-36BK	RBS-36	6	4.7	25.4	55	2310
RBS-4BK	RBS-4	6	9.7	19.8	100	5600
RBS-18BK	RBS-18	7	3.5	12.7	200	2000
-	RBS-33-SD	8	3.8	12.7	200	5000
RBS-40BK	RBS-40	9	1.6	6.4	578	15028
RBS-27BK	RBS-27	9	2.2	7.9	450	5400
RBS-12BK	RBS-12	9	3.8	9.6	72	7200
RBS-22BK	RBS-22	9	5.4	9.6	300	6000
RBS-2BK	RBS-2	9	5.1	11.1	242	5082
RBS-15BK	RBS-15	9	7.9	16.0	128	3200
RBS-8BK	RBS-8	9	9.6	17.6	98	2254
RBS-37BK	RBS-37	9	14.2	18.3	100	1500
RBS-39BK	RBS-39	9	1.9	19.1	84	5040
RBS-30BK	RBS-30	10	15.8	45.7	100	500

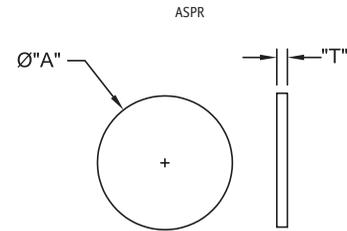
### Grey & White

Part Number		Type	Dimensions (mm)		Bumpers per Pad	Standard Pack Quantity
Grey	White		Height (H)	Base Diameter (W)		
461229	-	1	2.5	10.0	242	3000
462170	32428	1	7.5	20.5	78	1000
461231	-	2	3.1	10.0	288	3000
-	32431	2	8.0	16.0	128	1000
461233	-	2	9.5	19.0	98	1000
461237	-	3	1.8	10.0	288	3000
462173	-	3	3.0	19.7	84	4000
461240	461239	3	3.5	12.7	200	3000
32436	-	4	10.1	22.3	72	1000

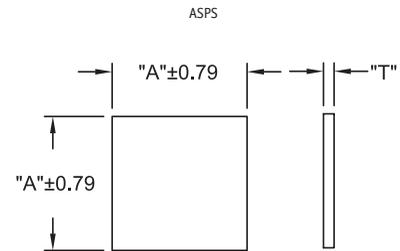
## Anti Slip Pads

SR 5808

Rubber adhesive/PE foam tape/Silicone coated paper liner, -29 to 66 °C



Part Number	Dimensions (mm)		Standard Pack Quantity
	"A"	"T"	
ASPR-8-062	12.7	1.6	1000
ASPR-12-062	19.1	1.6	1000
ASPR-16-062	25.4	1.6	1000
ASPR-8-125	12.7	3.2	1000
ASPR-12-125	19.1	3.2	1000
ASPR-16-125	25.4	3.2	1000
ASPS-8-062	12.7	1.6	40/pad
ASPS-12-062	19.1	1.6	20/pad
ASPS-16-062	25.4	1.6	8/pad
ASPS-8-125	12.7	3.2	40/pad
ASPS-12-125	19.1	3.2	20/pad
ASPS-16-125	25.4	3.2	8/pad



## Anti Skid Adhesive Discs

SR 1865

Black Foam with Permanent Rubber Based Adhesive

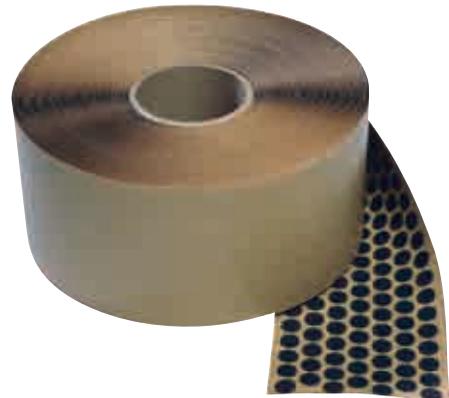
- Single sided foam with non-skid properties
- Designed to bond to many surfaces including: corrugated card, chipboard, wood, low surface energy plastics and powder coats

Discs on a roll

Part Number	Dimensions (mm)		Rolls per pack	Standard Pack Quantity
	Diameter	Thickness		
471801	12.7	1.6	18	1000
471804	12.7	3.2	18	1000

Discs on Pads of 4

Part Number	Dimensions (mm)		Pads per pack	Standard Pack Quantity
	Diameter	Thickness		
471802	12.7	1.6	4	10000
471805	12.7	3.2	4	5000



# SELF-ADHESIVE, SCREW-ON FEET & BUMPERS

## Stick-On Discs

SR 1577

**Black Rubber**

- Self-adhesive
- Suitable for smooth and dry surfaces
- Does not leave scuff marks when removed
- Slip-resistant



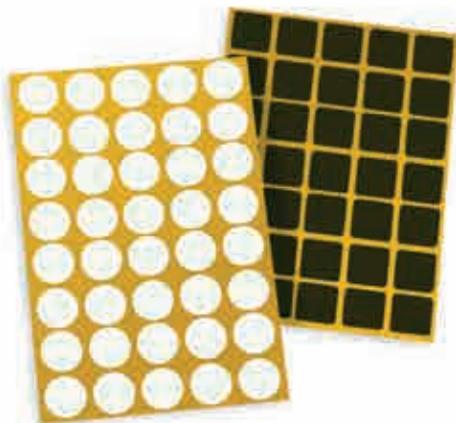
Part Number	Dimensions (mm)		Standard Pack Quantity
	Height	Diameter	
49093	1.5	10	1000
49094	1.5	20	1000
49095	1.5	30	1000
49096	1.5	40	500
49097	1.5	45	500

## Self-Adhesive Felt Pads

SR 1589

**Brown or White Felt**

- Can be used on the base of feet or inserts for smooth movement over floor surfaces



### Round

Part Number		Diameter (mm)	Standard Pack Quantity
Brown	White		
463918	463947	10.0	5076
463919	463948	14.0	1500
463920	463949	16.0	1000
463921	463950	18.0	1000
463922	463951	20.0	1000
463923	463952	22.0	1000
463924	463953	24.0	1008
463925	463954	26.0	1024
463926	463955	28.0	1008
463927	463956	30.0	1008
463928	463957	32.0	700
463929	463958	36.0	504
463930	463959	40.0	504
463931	463960	45.0	500
463932	463961	50.0	400
463933	463962	60.0	400
463934	463963	70.0	300

### Square

Part Number		Size (mm)	Standard Pack Quantity
Brown	White		
463935	463964	20 x 20	1000
463936	463965	25 x 25	1024
463937	463966	30 x 30	1008
463938	-	34 x 34	504
463939	463968	40 x 40	504
463940	-	45 x 45	500
463941	463970	50 x 50	400
463942	463971	100 x 100	490

### Rectangular

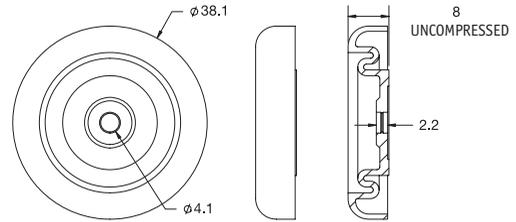
Part Number		Size (mm)	Standard Pack Quantity
Brown	White		
463943	463972	20 x 30	1008
463944	463973	20 x 40	1000
463945	463974	25 x 35	1008
463946	463975	25 x 50	900

## Shock & Vibration Dampening Foot

SR 5809

TPE, UL94 HB, -50 to 95°C

- For Snap Rivet selection refer to page 838



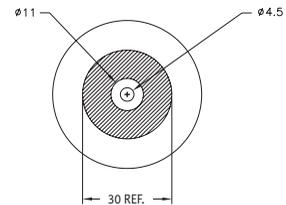
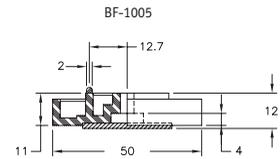
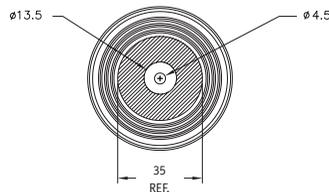
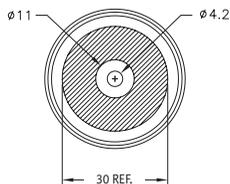
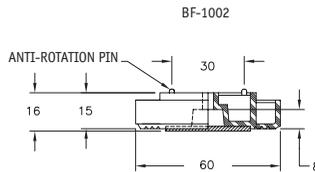
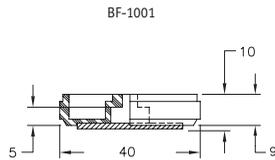
Part Number	Shore Hardness	Panel Thickness Range	Standard Pack Quantity
SVF-1	75	0.3 - 4.3	400
SVF-2	64	0.4 - 4.3	400

## Big Foot

SR P-0037

Foot: Black ABS, UL94 HB, 0 to 85°C

Cushion: Rubber & PA - Fibre, 0 to 38°C



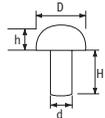
Part Number	Recommended Mounting Screw	Load Capacity	Standard Pack Quantity
BF-1001	#8 or M4 Pan Head	10 kg	100
BF-1002	#8 or M4 Pan Head	10 kg	100
BF-1005	#8 or M4 Pan Head	10 kg	100

## Stacking Buffers

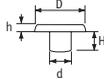
SR 1503

Black PVC

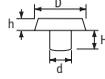
- Push-fit range ideal for stacking chairs



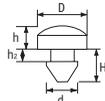
Type 1



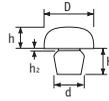
Type 2



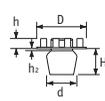
Type 3



Type 4



Type 5



Type 6

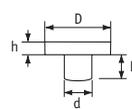


Transparent PVC

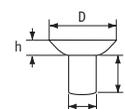
- Suitable for glass shelf and table-top supports
- Concave head provides a light suction effect

Black PVC

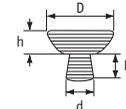
Part Number	Type	Dimensions (mm)					Standard Pack Quantity
		D	d	h	h2	H	
1251328	1	9.0	5	3.0	-	6.0	5000
1251325	1	14.0	6	6.5	-	15.0	5000
1251338	1	20.0	10	8.0	-	10.0	2500
1251335	2	9.5	5	3.0	-	6.0	5000
1251334	2	12.0	6	3.0	-	7.5	5000
1251337	2	14.0	6	4.0	-	15.0	5000
1251336	2	18.0	8	5.0	-	15.0	5000
1251330	2	20.0	8	5.0	-	15.0	2500
1251327	2	24.0	11	5.0	-	13.0	2500
1251333	3	12.0	6	2.5	-	9.0	5000
1287139	3	12.0	6	3.8	-	9.0	5000
1287140	4	12.0	5	4.0	4.5	8.0	5000
1251339	5	12.0	6	2.0	1.0	-	5000
1251329	5	12.0	6	4.5	1.0	-	5000



Type 1



Type 2



Type 3

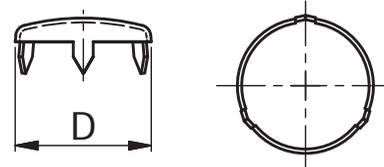
Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		D	d	h	H	
JK3-8	1	15	8	5.0	8.0	1000
1251324	2	15	6	4.0	10.0	5000
1251326	3	20	6	10.0	4.0	5000
1251340	3	25	7	12.0	5.0	5000

## Glides with Lugs

SR 6417

Nickel Plated

- Glides with three lugs for fixing
- Ideal for wooden furniture



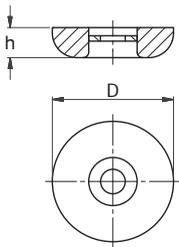
Part Number	Diameter (mm)	Standard Pack Quantity
550453	15.0	200
550454	18.0	200
550455	21.0	200
550456	24.0	200

**PTFE Glider Screw Fixing**

SR 5733

PTFE

- Steel washer
- 4.5mm diameter screw hole

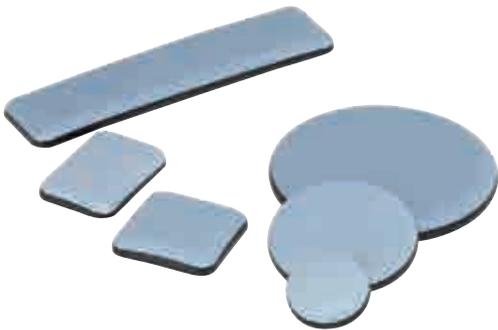


Part Number	Dimensions (mm)		Standard Pack Quantity
	D	h	
499482	19	5.5	200
499483	22	5.5	200
499484	25	5.0	200
499485	30	5.0	200
499486	40	5.5	200
499487	50	5.5	200

**PTFE Glider Adhesive Fixing**

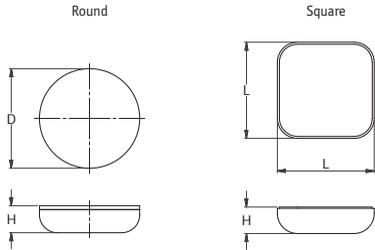
SR 1461

- PTFE base with adhesive backing
- Available in square, rectangular and round



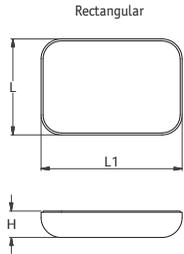
**Square & Rectangular**

Part Number	Dimensions (mm)			Standard Pack Quantity
	L	L1	H	
499488	24	24	6.5	200
499490	30	30	6.5	200
499494	40	40	7.0	200
499495	45	45	7.0	200
499496	50	50	6.5	200
499489	24	35	6.8	200
499497	19	70	6.3	200
499492	24	100	6.3	200



**Round**

Part Number	Dimensions (mm)		Standard Pack Quantity
	D	H	
499475	19	4.3	200
499476	22	6.3	200
499477	25	6.7	200
499478	30	6.5	200
499479	40	6.3	200
499480	50	6.4	200
499481	65	6.3	200

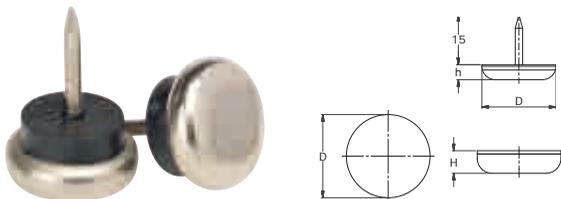


## Nail On Glides

SR 1460

Steel Nail

- A choice of PTFE, Chrome or Polyamide Base



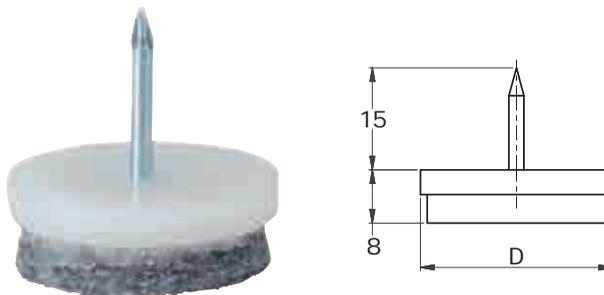
Part Number	Dimensions (mm)		Standard Pack Quantity
	Base Style	D (mm)	
499499	Grey PTFE	19	200
499500	Grey PTFE	22	200
499501	Grey PTFE	25	200
499502	Grey PTFE	30	200
499503	Grey PTFE	37	200
497411	Metal	19	200
497412	Metal	22	200
497413	Metal	24	200
497414	Metal	27	200
497415	Metal	30	200
497416	Brown Polyamide	19	200
497417	Brown Polyamide	24	200
499734	Brown Polyamide	27	200
551142	Natural Polyamide	19	200
551143	Natural Polyamide	24	200
551144	Natural Polyamide	27	200

## Nail On Glides with Felt Base

SR 1460

PTFE

- Natural PTFE
- Felt Base for smooth glide action



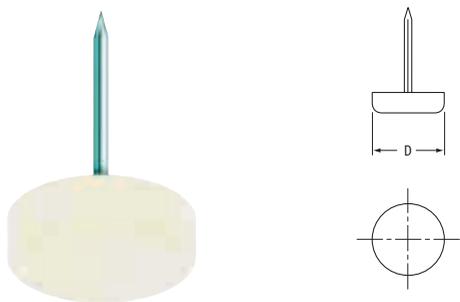
Part Number	Diameter	Length	Standard Pack Quantity
550443	17.0	15.0	200
550444	20.0	15.0	200
550445	22.0	15.0	200
550446	24.0	15.0	200
550447	28.0	15.0	200
550448	30.0	15.0	200

## Nail-on Plastic Feet

SR 1598

HDPE

- Ideal for wooden furniture



Part Number	Colour	D (ins)	D (mm)	Standard Pack Quantity
HD01	Natural	1/2	12.7	10000
HD02	Natural	3/8	15.9	8000
HD03	Natural	3/4	19.1	6000
HD05	Natural	7/8	22.2	5000
HDW02	Woodtone	3/8	15.9	8000
HDW03	Woodtone	3/4	19.1	6000
HDW05	Woodtone	7/8	22.2	5000

## Nail-on Felt Glides

SR 1563

HDPE with Felt Base



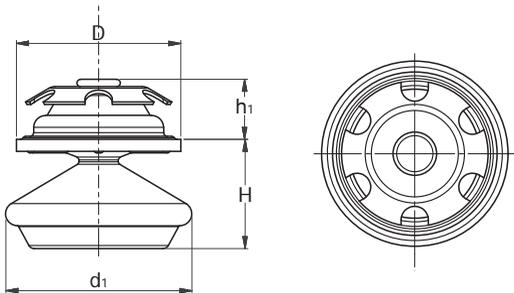
Part Number	Colour of Felt	Diameter (mm)	Standard Pack Quantity
463881	Grey	19.0	2500
463882	Black	22.0	5000
463883	Grey	25.0	5000
463884	Black	28.0	2500

### Spring Insert Glide – Round

SR 6453

Steel

- Swivel Glide with spring insert for a one piece application
- With either Steel or Polyamide Base options



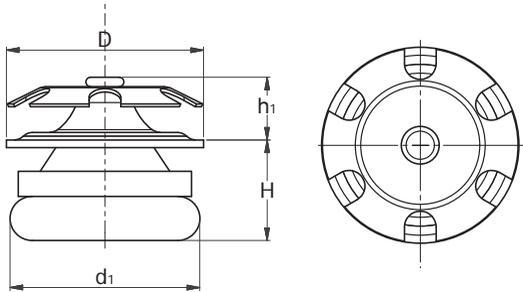
Part Number		Dimensions (mm)				Standard Pack Quantity
Steel Base	Polyamide Base	D	d1	H	h1	
551619	551614	16.0	31	15.8	9.7	200
551620	551615	19.0	31	15.8	8.7	200
551621	551616	22.0	31	15.8	8.7	200
551622	551617	25.0	31	15.8	9	200
551623	551618	28.5	31	15.8	9	200

### Spring Insert Tilt Glide - Round

SR 6425

Steel

- A clean finish foot for furniture
- Swivel Glide with spring insert for a one piece application
- Steel Base



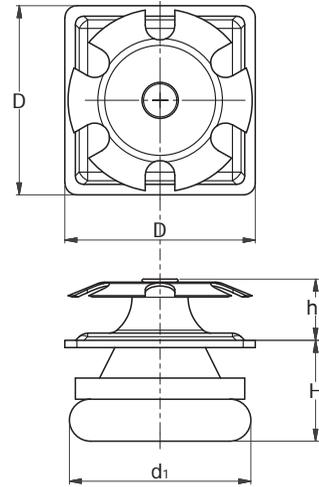
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d1	H	h1	
551588	19.0	24	16	10	200
551589	22.0	24	16	10	200
551590	25.0	24	16	10	200
551591	28.5	30	16	10	200

## Spring Insert Tilt Glide – Square

SR 6427

Steel

- Swivel Glide with spring insert for a one piece application
- With Steel Base



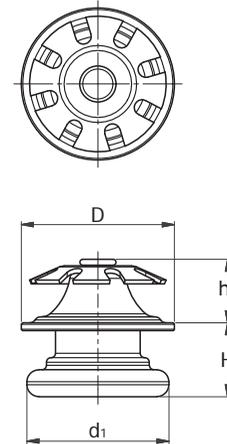
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d1	H	h1	
551563	19.0	24	16	10	200
551564	22.0	24	16	10	200
551565	25.0	24	16	10	200
551566	28.5	30	16	10	200
551567	32.0	30	16	10	200

## Spring Insert Fixed Glide – Polyamide

SR 6450

Steel/PA

- Swivel Glide with spring insert for a one piece application
- Lightweight polyamide base
- Available in Black or White



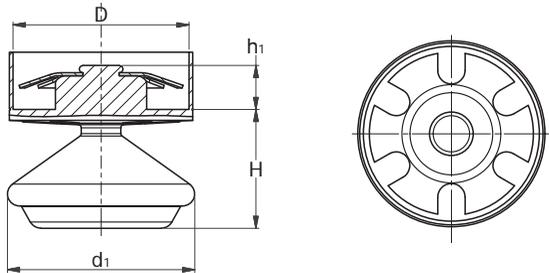
Part Number	Base Colour	Dimensions (mm)				Standard Pack Quantity
		D	d1	H	h1	
551600	White	22	23.4	13.5	10	200
551601	White	25	23.4	13.5	10	200
551602	Black	22	23.4	13.5	10	200
551603	Black	25	23.4	13.5	10	200

**Push-On Tilt Glide**

SR 6452

Steel

- With either Steel or Polyamide Base options
- Ball and socket joint for tilt action
- With fitted tube end cap for a clean finish
- Swivel Glide with spring insert for a one piece application



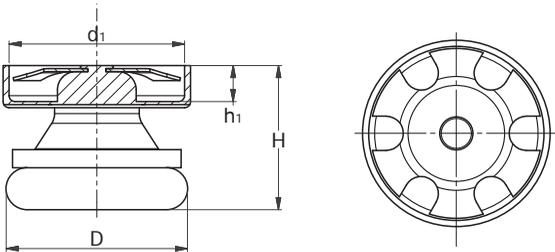
Part Number		Dimensions (mm)				Standard Pack Quantity
Steel Base	Polyamide Base	D	d1	H	h1	
551629	551624	16.0	31	18	15	200
551630	551625	19.0	31	18	13.5	200
551631	551626	22.0	31	18	12	200
551632	551627	25.0	31	18	12	200
551633	551628	28.5	31	18	12	200

**Push-On Insert Glide**

SR 6426

Steel

- With fitted tube end cap for a clean finish
- Swivel Glide with spring insert for a one piece application
- Steel Base



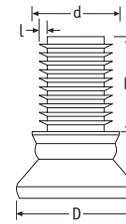
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d1	H	h1	
551578	28.5	24	16	8.5	200

## Polyamide-Based Tiltserts

SR 1527

Black PA

- Articulating insert with polyamide base for most surfaces



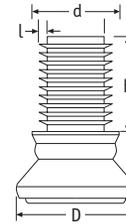
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d	h	l (gauge)	
463837	25.0	19.0	24.5	1.5 - 2.0	1250
463838	25.0	20.0	24.5	1.5 - 2.0	1250
463839	25.0	22.0	24.5	1.5 - 2.0	1000
463840	25.0	25.0	24.5	1.5 - 2.0	800
463841	25.0	28.0	24.5	1.5 - 2.0	800
463843	30.0	20.0	24.5	1.5 - 2.0	1000
463844	30.0	22.0	24.5	1.5 - 2.0	800

## Felt-Based Tiltserts

SR 1528

Black PA with Felt Base

- Articulating insert with felt base ideal for wooden floors



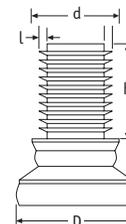
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d	h	l (gauge)	
463847	25.0	19.0	24.5	1.5 - 2.0	1500

## Steel-Based Tiltserts

SR 1529

Black PA with Nickel-Plated Steel Base

- Articulating glide with steel base ideal for carpeted floors



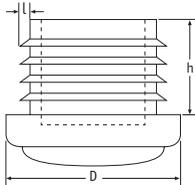
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d	h	l (gauge)	
463857	25.0	19.0	24.5	1.5 - 2.0	1250
463858	25.0	20.0	24.5	1.5 - 2.0	1250
463859	25.0	22.0	24.5	1.5 - 2.0	1000
463860	25.0	25.0	24.5	1.5 - 2.0	1000
463865	30.0	25.0	24.5	1.5 - 2.0	400

**Felt Glides**

SR 1587

PA with Felt Base

- Inserts with felt base to protect wooden floor surfaces



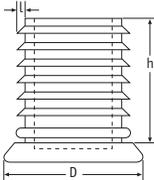
Part Number	Dimensions (mm)			Standard Pack Quantity
	D	l (gauge)	h	
463874	19.0	1.5 - 2.0	19.0	3500
463875	20.0	1.5 - 2.0	19.0	3500
463876	22.0	1.5 - 2.0	19.0	2500
463877	25.0	1.5 - 2.0	19.0	2250
463880	32.0	1.5 - 2.0	19.0	1250

**Steel Glides**

SR 1588

PA with Zinc-Plated Steel

- Steel-based inserts for smooth gliding action



Part Number	Dimensions (mm)			Standard Pack Quantity
	D	l (gauge)	h	
463871	30.0	1.0 - 2.5	19.0	900

**QUESTIONS?  
GIVE US A CALL**

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**www.essentracomponents.ie**



# SADDLE & INSERT FEET

## Saddle Feet

SR 5729

LDPE

- Ideal as feet or as furniture door buffers
- Easy to apply



Type 1



Type 2



Type 3



Type 4

Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		Fits Tube Diameter	Length	Centre Fixing Pin	Pin Diameter	
499285	1	22.0	71.0	No	-	150
499286	1	32.0	75.0	No	-	100
499287	1	38.0	75.0	No	-	100
499288	1	25.0	72.5	No	-	100
499289	2	12.0	30.0	No	-	1000
499290	2	8.0	24.0	No	-	100
499291	2	10.0	30.0	No	-	100
499292	2	12.0	30.0	Yes	5.3	1000
499293	2	14.0	26.0	Yes	5.0	100
499294	2	18-20	28.5	Yes	5.7	1000
499295	2	20-22	29.0	Yes	5.7	1000
499296	2	22-25	43.5	Yes	5.7	1000
499297	2	28-30	43.0	Yes	5.7	200
499298	2	30-32	43.0	Yes	5.7	150
499299	2	32-35	42.5	Yes	5.7	150
499300	3	14-16	18.0	Yes	5.5	100
499301	3	16-18	19.0	Yes	5.5	100
499302	3	18-20	20.0	Yes	5.5	100
499303	3	20-22	22.0	Yes	5.5	100
499304	3	24-26	25.0	Yes	5.5	100
499305	3	24-26	25.0	Yes	7.5	100
499306	3	28-30	30.0	Yes	7.5	100
499307	4	14-16	18.0	No	-	1000
499308	4	16-18	19.0	No	-	1000
499309	4	18-20	20.0	No	-	1000
499310	4	20-22	22.0	No	-	1000
499311	4	24-26	25.0	No	-	1000
499312	4	28-30	30.0	No	-	1000
499314	4	16-18	19.0	Yes	3.5	1000
499315	4	18-20	20.0	Yes	3.5	1000
499316	4	20-22	22.0	Yes	4.0	1000
499317	4	24-26	25.0	Yes	4.0	1000
499318	4	24-26	25.0	Yes	5.0	1000
499319	4	28-30	30.0	Yes	5.5	1000

## Round Base

SR 5734

PA



Type 5

Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		Fits Tube Diameter	Base Diameter	Centre Fixing Pin	Pin Diameter	
499320	5	18-20	28.0	Yes	5.7	500
499321	5	20-22	28.5	Yes	5.7	1000
499322	5	23-24	33.5	Yes	5.7	500
499323	5	26-28	36.0	Yes	5.7	250

## Double Saddle Feet

SR 1503

Black PA

- Used to connect adjacent tubes



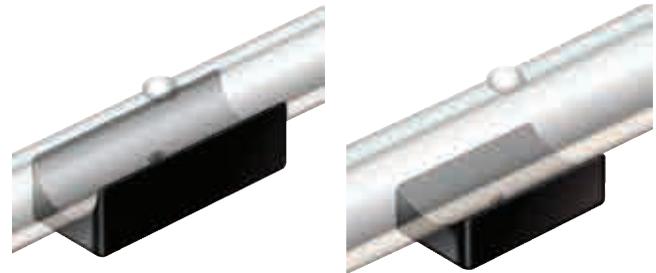
Part Number	Dimensions (mm)		Standard Pack Quantity
	Fits Tube Diameter	Distance between Tube Centres	
466731	22	42	100
466732	25	42	100

## Saddle Bases

SR 1503

Black LDPE

- Act as feet when fitted to bottom of tubes



Type 1

Type 2

Part Number	Type	Dimensions (mm)			Hole or Peg Diameter (mm)	Standard Pack Quantity
		Fits Tube Diameter	Length	Width		
SBFA2225-B	1	22-25	50	22	5.0	1000
SBFA25-45B	1	25	45	25	5.7	1000
SBFA2830-B	1	28-30	45	25	5.0	1000
466733	2	16-19	33	22	5.0	500
466734	2	22-25	35	25	5.0	500
466735	2	28-32	40	31	5.0	250

## Metric Saddle Feet

SR 1503

Black LDPE

- Fit around metal tubes to act as a foot
- Ideal for protecting floor surfaces



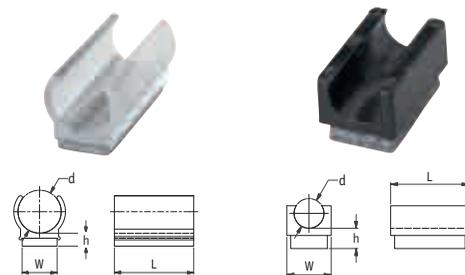
Part Number	Dimensions (mm)		Standard Pack Quantity
	Fits Tube Diameter	Peg Diameter	
461151	14-16	5.5	4000
461152	16-18	5.5	4000
461153	18-20	5.5	4000
465457	20-22	5.5	3000
465456	24-26	7.5	1500
465452	28-30	7.5	1500

## Saddle Bases with Felt

SR 6446

ABS & Felt

- Type 1 – Clear
- Type 2 – Black
- Fits around tubing
- Felt base glides smoothly



Type 1

Type 2

Part Number	Dimensions (mm)				Type	Standard Pack Quantity
	d	W	h	L		
551136	28.6	22	8.5	50	1	200
551137	22	18	9	50	1	200
551138	19	12	8.5	50	1	200
551139	16	11	8.5	50	1	200
551140	12.7	12	8.5	50	1	200
551141	13	14	7.5	30	2	200

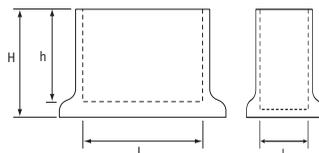
# SADDLE & INSERT FEET

## Angled and Flat Bar Feet

SR 1526

Black PE or PVC

- Ferrules to suit right-angled and flat bars
- Can be used as feet
- Ridge on edge of angled base provides extra stability
- Protect floor surfaces



### Angle Bases - Black PE

Part Number	Dimensions (mm)				Standard Pack Quantity
	L	H	h	l	
465363	25 x 25	24	19	1-1.5	1000
HA300B	30 x 30	24	19	1-1.5	1000

### Bar Bases - Black PVC

Part Number	Dimensions (mm)			Standard Pack Quantity
	L x L1	H	h	
465361	25 x 5	19	15	2500
465364	25 x 6	19	15	1250
465362	30 x 6	19	15	2500

## Stand-Off Feet – External Fitting

SR 1503

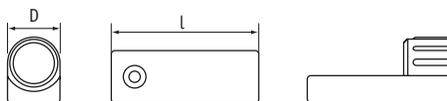
Black Polyethylene



## Stand-Off Round Feet

SR 1559

Black LDPE



Part Number	Fits Tube Size (mm)	Standard Pack Quantity
HES190-BWPB	19.1 x 19.1	2000
199192	25.4 x 25.4	500
199219	38.1 x 19.1	1000
199040	50.8 x 25.4	500

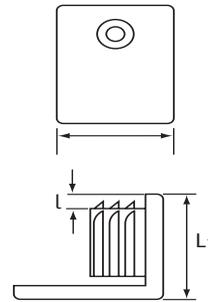
Part Number	Dimensions (mm)		Standard Pack Quantity
	D	l	
HIR200-20B	20	46.2	500
HIR320-15B*	30	51.5	500
HIR380-20B*	38	51.7	250

\*Plain shank

## Stand-Off Square Feet

SR 1559  
Black LDPE

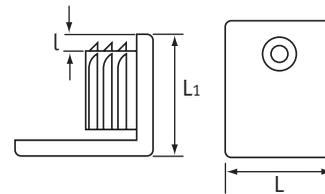
Part Number	Dimensions (mm)		Standard Pack Quantity
	L	l	
HIS200-RB	20	1.2	1000
HIS250-RB	25	1.2	1000
HIS300-RBKNP	30	1.2	1000



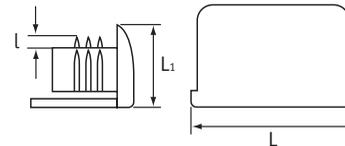
## Stand-Off Rectangular Feet

SR 1559  
Black LDPE

Part Number	Type	Dimensions (mm)		Standard Pack Quantity
		L x L1	l	
HIT300150-RB	1	30 x 15	1.2	1500
HIT400200-RB	1	40 x 20	1.2	1000
HIT500250-RB	1	50 x 25	1.2	500
HIT500300-RB	1	50 x 30	1.0-1.2	500
HITF400200-RB	2	40 x 20	1.2	500



Type 1



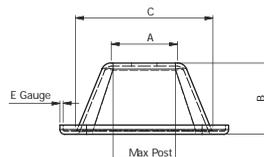
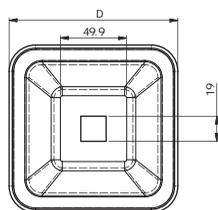
Type 2



## Pallet Feet

SR 1507  
Mild or Stainless Steel

- Maximum post sizes assume SHS tubing is used
- Ideal for metal pallets and stillages



Type 2: Stacking



Type 1

Part Number	Material	Type	Dimensions (mm)				Steel Gauge (mm)	Max. Post Size (mm)	Standard Pack Quantity	
			Top Width	Height	Hole	Internal Base Width				External Base Width
462833	Steel	1	54	54	19	102	127	2.4	60	1
1220378	Steel	1	60	50.5	19	102	127	2.4	60	1
1220379	Steel	1	54	54	19	102	127	3	60	1
1220380	Steel	1	70	57	19	127	165	3	80	1
1220381	Stainless	1	70	57	19	127	165	3	80	1
1220382	Steel	2	32	36	6.2	52	58	3	50	1

## MORE CHOICE THAN EVER

- Tube inserts in various shapes, materials, colours, finishes to match your specification
- Threaded, ribbed or notched for easy fitting
- Protect floor surfaces and maintain design aesthetics with load bearing glides for both round and square tubing



**FREE  
SAMPLES**



718



723



724



727



731



739



740



746



750



756

MORE THAN  
**2,000**  
TUBE INESRTS,  
CONNECTORS  
AND FERRULES  
PRODUCTS  
AVAILABLE

# TUBE INSERTS, CONNECTORS AND FERRULES



TUBE INSERTS

718



THREADED INSERTS

743



TUBE CONNECTORS

750



FERRULES

754



TUBE LOCKS

757

# TUBE INSERTS

## Your Guide To Finding the right Tube Gauge size:

### Tube Gauge Calculation

- Metal tubes are available in various tube gauges, although the most commonly used in furniture manufacture range from 10 to 20 gauge.
- To use this guide, calculate the wall thickness of the tube by subtracting the inside diameter from the outside diameter and dividing by 2. By cross-referencing this wall thickness on the table right, the tube gauge is obtained.

Gauge	Wall Thickness*		Gauge	Wall Thickness*	
	inches	(mm)		inches	(mm)
10	0.128	3.25	17	0.056	1.42
11	0.116	2.95	18	0.048	1.22
12	0.104	2.64	19	0.040	1.02
13	0.092	2.34	20	0.036	0.91
14	0.080	2.03	21	0.032	0.81
15	0.072	1.83	22	0.028	0.71
16	0.064	1.63	-	-	-

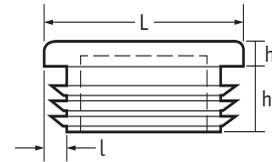
\* Remember the lower the gauge the thicker the wall thickness

## Ribbed Square Inserts

### SR 1540

#### Black and White LDPE

- Ribbed for easy assembly and secure fitting
- Cover sharp tube edges



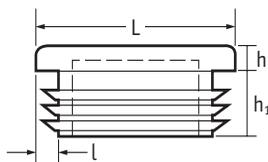
Part Number				Dimensions						Standard Pack Quantity
Black		White		L (mm)	L (ins)	h (mm)	h1 (mm)	l (mm)	l (gauge)	
Polished	Eroded	Polished	Eroded							
-	-	-	056010060303	10	-	4	11.5	1.5-2.0	-	500
-	460689	-	-	12	-	4	11.5	1.5-2.0	-	2500
-	056012069903	-	056012060303	12	-	2	7	1.0-2.0	-	500
111193	111211	111229	111247	12.7	½	4	11.5	0.8-2.0	14-20	2500
111194	-	-	111248	13	-	5	11.5	0.8-2.0	-	2500
111501	111539	-	111615	15	-	4	11.5	0.8-2.0	-	2000
-	056015069903	-	056015060303	15	-	3	13	1.0-2.0	-	500
111195	111213	111231	111249	16	⅝	5	11.5	0.8-2.5	12-20	2500
11764	-	-	-	18	-	5	16.5	1.2-1.5	-	5000
-	056018069903	-	056018060303	18	-	5	12	1.0-2.0	-	500
111196	111214	111232	-	19	¾	5	11.5	0.8-2.5	10-12	2500
111197	111215	111233	111251	20	-	5	11.5	0.8-2.5	-	2500
-	056020069903	-	056020060303	20	-	5	11.5	1.5-2.0	-	100
111198	111216	-	111252	22	⅞	5	11.5	0.8-2.5	10-12	2500
-	056022069903	-	056022060303	22	-	5	11.5	1.0-3.5	-	100
111199	111217	111235	-	25	-	5	11.5	1.0-2.5	-	2500
-	056025069903	-	056025060303	25	-	6	12	1.5-2.0	-	100
111200	111218	111236	111254	25.4	1	5	11.5	1.0-2.5	12-20	2500
199149	-	199150	-	28.6	1⅜	5	12.4	1.0-2.0	16-20	2000
111201	111219	111237	-	30	-	5	11.5	1.0-3.0	-	2000
-	056030069903	-	056030060303	30	-	6	12	1.5-2.0	-	100
111502	111540	-	111616	32	1¼	5	11.5	1.0-3.0	10-18	1500
-	056032069903	-	-	32	-	5	11.5	1.0-3.5	-	50
111202	111220	111238	-	35	1⅜	5	11.5	1.0-3.0	10-18	1500
-	056035069903	-	056035060303	35	-	5	14.5	1.0-3.0	-	50
111503	111541	111579	111617	38	1½	5	14.5	1.0-3.0	10-18	1000

CONTINUED ON NEXT PAGE

**Ribbed Square Inserts** *CONTINUED*

SR 1540

Black and White LDPE



Part Number				Dimensions						Standard Pack Quantity
Black		White		L (mm)	L (ins)	h (mm)	h1 (mm)	l (mm)	l (gauge)	
Polished	Eroded	Polished	Eroded	40	-	5	14.5	1.0-3.0	-	500
111203	111221	111239	111257	44.4	1¾	4.7	15.7	1.0-2.0	14-18	500
199188	-	-	-	44.4	1¾	4.7	15.1	2.0-3.0	10-14	500
199187	-	-	-	45	-	5	14.5	1.0-3.0	-	500
111204	111222	-	056045060303	50	-	5	14.5	1.0-3.0	-	500
111205	111223	-	-	50	-	6.6	18	3.0-5.0	-	500
-	199274	199868	-	50	-	5	20	1.5-4.0	-	50
-	056050069903	-	056050060303	50.8	2	5	14.5	1.0-3.0	10-18	500
111206	111224	111242	111260	55	-	5	14.5	2.0-4.0	-	400
-	466560	-	056055060303*	60	-	5	24.3	3.0-4.0	-	250
111810	111811	-	111813	60	2½	5	14.5	1.0-3.0	-	250
111207	111225	111243	111261	63.5	-	6	14.5	1.0-3.0	11-20	250
111504	111542	-	111618	65	-	6	14.5	1.0-3.0	-	250
111505	111543	-	111619	70	-	6	22	2.0-4.0	-	150
111208	111226	111244	-	70	-	5	18.5	2.0-4.0	-	10
-	056070069903	-	056070060303	75	-	6	22	2.0-4.0	-	200
111506	111544	-	111620	76.2	3	6	22	2.0-4.0	8.4	200
111507	111545	-	111621	80	-	6	22	2.0-4.0	-	150
111209	111227	-	111263	80	-	8	24	3.0-5.0	-	10
-	056080069903	-	056080060303	90	-	6	21	3.0-5.0	-	100
-	460699	-	-	100	-	7	22	2.0-4.0	-	100
111210	111228	111246	-	100	-	7	24	2.0-4.0	-	10
-	056100069903	-	056100060303	110	-	6	24.5	3.5-0-5.0	-	60
-	460700	-	-	110	-	6	24.5	3.0-5.0	-	10
-	056110069903	-	056110060303	120	-	5	25	2.5-5.0	-	100
-	466558	-	056120060303	140	-	6	35	4.0-7.0	-	10
-	056140069903	-	056140060303	150	-	7	27	5.0-8.0	-	75
-	466559	-	-							

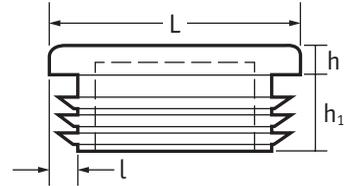
\*Pack Qty = 25

## Ribbed Square Inserts

### SR 1540

#### Mid and Dark Grey

- Mid Grey similar to RAL 7042
- Dark Grey similar to RAL 7011



Part Number				Dimensions						Standard Pack Quantity
Mid Grey		Dark Grey		L (mm)	L (ins)	h (mm)	h1 (mm)	l (mm)	l (gauge)	
Polished	Eroded	Polished	Eroded							
-	056012062003	-	-	12	-	2	7	1.0-2.0	-	500
111265	-	-	-	12.7	½	4	11.5	0.8-2.0	14-20	2500
-	056013062003	-	-	13	-	4	11.5	1.5-2.0	-	500
-	111691	-	111767	15	-	4	11.5	0.8-2.0	-	2000
-	056015062003	-	-	15	-	3	13	1.0-2.0	-	500
111267	111285	-	-	16	⅝	5	11.5	0.8-2.5	12-20	2500
-	056018062003	-	-	18	-	5	12	1.0-2.0	-	500
111268	111286	111304	111322	19	¾	5	11.5	0.8-2.5	10-12	2500
-	111287	-	111323	20	-	5	11.5	0.8-2.5	-	2500
-	056020062003	-	-	20	-	5	11.5	1.5-2.0	-	100
-	111288	-	111324	22	⅞	5	11.5	0.8-2.5	10-12	2500
-	056022062003	-	-	22	-	5	11.5	1.0-3.5	-	100
-	111289	-	111325	25	-	5	11.5	1.0-2.5	-	2500
-	056025062003	-	-	25	-	6	12	1.5-2.0	-	100
111272	111290	111308	111326	25.4	1	5	11.5	1.0-2.5	12-20	2500
-	111291	-	111327	30	-	5	11.5	1.0-3.0	-	2000
-	056030062003	-	-	30	-	6	12	1.5-2.0	-	100
-	111692	-	111768	32	1¼	5	11.5	1.0-3.0	10-18	1500
-	056032062003	-	-	32	-	5	11.5	1.0-3.5	-	50
-	056035062003	-	-	35	-	5	14.5	1.0-3.0	-	50
111655	111693	-	111769	38	1½	5	14.5	1.0-3.0	10-18	1000
-	111293	-	111329	40	-	5	14.5	1.0-3.0	-	500
110646	-	-	-	44.4	1¾	4.7	15.1	2.0-3.0	10-14	500
111276	111294	-	111330	45	-	5	14.5	1.0-3.0	-	500
111277	111295	111313	111331	50	-	5	14.5	1.0-3.0	-	500
-	056050062003	-	-	50	-	5	20	1.5-4.0	-	50
-	111296	-	-	50.8	2	5	14.5	1.0-3.0	10-18	500
-	056055062003	-	-	55	-	5	14.5	2.0-4.0	-	25
111814	111815	111816	111817	60	-	5	24.3	3.0-4.0	-	250
-	111694	-	-	63.5	2	6	14.5	1.0-3.0	11-20	250
-	111695	-	111771	65	-	6	14.5	1.0-3.0	-	250
-	056070062003	-	-	70	-	5	18.5	2.0-4.0	-	10
-	111696	-	111772	75	-	6	22	2.0-4.0	-	200
-	111697	-	111773	76.2	3	6	22	2.0-4.0	8-14	200
-	056080062003	-	-	80	-	8	24	3.0-5.0	-	10
-	056090062003	-	-	90	-	7	25	3.5-5.0	-	10
-	056100062003	-	-	100	-	7	24	2.0-4.0	-	10
-	056110062003	-	-	110	-	6	24.5	3.0-5.0	-	10
-	056120062003	-	-	120	-	5	25	2.5-5.0	-	10
-	056140062003	-	-	140	-	6	35	4.0-7.0	-	10

## Coloured Square Inserts

SR 1540

LDPE - Various Colours

- Eroded Head
- Ideal for educational or play equipment



Part Number					Dimensions			Standard Pack Quantity
Yellow	Red	Green	Blue	Brown	L (mm)	L (ins)	l (mm)	
111844	111845	111846	111847	111848	19.0	¾	0.8 - 2.5	2500
111871	111872	111873	111874	111875	20.0	-	0.8 - 2.5	2500
111877	111878	111879	111880	111881	25.0	-	1.0 - 2.5	2500
111901	111902	111850	805270	111851	25.4	1	1.0 - 2.5	2500

## Square Load Bearing Glides

SR 1630

Black ABS unless otherwise stated

- Suitable for light and heavy-duty applications
- Step lead provides easy installation
- Press fit assures a secure hold in tubing



Part Number	Dimensions				Standard Pack Quantity
	Tube OD (mm)	Wall Thickness (mm)	Tube OD (ins)	Wall Thickness (gauge)	
SIG1100A	9.5	1.7	0.375	16	5000
SIG1105A	9.5	1.1	0.375	19	5000
SIG1108A	12.7	2.1	0.5	14	4000
SIG1110A	12.7	1.7	0.5	16	15000
SIG1115A	12.7	1.2	0.5	18	15000
SIG1120A	15.9	1.7	0.625	16	8000
SIG1125A	15.9	1.5	0.625	17	8000
SIG1130A	15.9	1.2	0.625	18	8000
SIG1135A	15.9	0.9	0.625	20	8000
SIG1140A	17.7	1.2	0.695	18	5000
SIG1145A	18.2	1.2	0.715	18	5000
SIG1150A	18.4	3	0.725	11	5000
SIG1155A	18.4	1.7	0.725	16	5000
SIG1160A	19.1	3	0.75	11	5800
SIG1165A	19.1	2.4	0.75	13	6000
SIG1170A	19.1	1.8	0.75	15	4000
SIG1175A	19.1	1.7	0.75	16	5500
SIG1180A	19.1	1.2	0.75	18	5500
SIG1185A	19.1	1.1	0.75	19	5500
SIG1190A	19.1	0.9	0.75	20	5500
SIG1200A	20.6	2.1	0.812	14	4500
SIG1205A	20.6	1.7	0.812	16	4500
SIG1210A	20.6	1.2	0.812	18	4500
SIG1215A	22.2	3	0.875	11	5000
SIG1220C	22.2	1.7	0.875	16	4000
SIG1225A	22.2	1.2	0.875	18	4000
SIG1235A	25.4	3	1	11	3200
SIG1240A	25.4	2.1	1	14	3000
SIG1244C*	25.4	1.7	1	16	2800

Part Number	Dimensions				Standard Pack Quantity
	Tube OD (mm)	Wall Thickness (mm)	Tube OD (ins)	Wall Thickness (gauge)	
SIG1245A	25.4 mm	1.7	1	16	2800
SIG1250A	25.4 mm	1.5	1	17	2800
SIG1255A	25.4 mm	1.2	1	18	2800
SIG1260A	25.4 mm	0.9	1	20	3200
SIG1265A	25.4 mm	0.9	1	22	3200
SIG1270A	28.6 mm	1.7	1.125	16	2200
SIG1275A	28.6 mm	1.2	1.125	18	2200
SIG1280A	31.8 mm	3	1.25	11	2000
SIG1285A	31.8 mm	2.8	1.25	12	2000
SIG1290A	31.8 mm	2.1	1.25	14	1500
SIG1295A	31.8 mm	1.7	1.25	16	1700
SIG1300A	31.8 mm	1.2	1.25	18	1800
SIG1305A	38.1 mm	3.4	1.5	10	1800
SIG1310A	38.1 mm	3	1.5	11	1200
SIG1315A	38.1 mm	2.8	1.5	12	1200
SIG1320C	38.1 mm	2.1	1.5	14	1300
SIG1325A	38.1 mm	1.7	1.5	16	1100
SIG1330A	38.1 mm	1.2	1.5	18	1200
SIG1335A	38.1 mm	0.9	1.5	20	1200
SIG1340A	44.5 mm	3	1.75	11	1000
SIG1345A	44.5 mm	2.1	1.75	14	1000
SIG1350A	44.5 mm	1.7	1.75	16	900
SIG1353C	50.8 mm	3	2	11	1000
SIG1365A	50.8 mm	2.8	2	12	1000
SIG1370A	50.8 mm	2.1	2	14	1000
SIG1375A	50.8 mm	1.7	2	16	1000
SIG1380A	50.8 mm	1.2	2	18	1000
SIG1385A	63.5 mm	3	2.5	11	500
SIG1390A	76.2 mm	3	3	11	500

\*Clear butyrate material

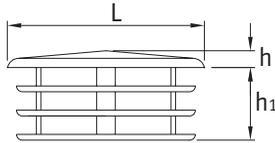
# TUBE INSERTS

## Lightweight Square Inserts

SR 1542

**Black Polyethylene**

- Provide neat, finished appearance
- For wall thicknesses of 1.0 - 2.0mm



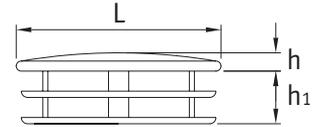
Part Number	Dimensions (mm)			Standard Pack Quantity
	L	h1	h	
465482	12	9	3	5000
460927	14	10	3	5000
465479	15	11	3	5000
460929	16	10	3	5000
460930	18	10	3	5000
465477	20	11	4	3000
465476	25	15	5	2500
465481	30	15	5	2000
460934	35	15	4	1500
465480	40	16	4	750

## Chrome-Plated Square Inserts

SR 1543

**Black Polyethylene**

- Give neat, polished finish
- Ribbed for ease of fitting and positive fit
- For wall thicknesses of 1.0 - 2.0mm



Part Number	Dimensions (mm)			Standard Pack Quantity
	L	h1	h	
465341	16	9	2	1000
460959	18	9	2	1000
465340	20	10	2	1000
465343	25	10	2	1000
465342	30	10	3	1000
460964	35	12	3	1000
465344	40	12	3	1000

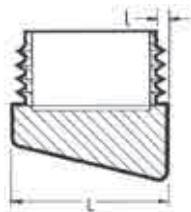
## Angled Square Inserts

SR 1555

**Black Polyethylene**

- Easy assembly
- Durable and long lasting

- Perfect for tube ends or uneven surfaces and for tubes which meet surfaces at an angle



### Angled Square Inserts (Imperial)

Part Number	Dimensions (mm)			Angle	Standard Pack Quantity
	L (ins)	l (mm)	l (mm)		
199276*	¾	19.1	1.2-1.6	5°	5000
199277*	¾	19.1	1.2-1.6	25°	2500

\*With stacking buffers

### Angled Square Inserts (Metric)

Part Number	Dimensions (mm)			Standard Pack Quantity
	L	l	Angle	
460767	18	1.0-2.0	10°	4000
466557	20	1.0-2.0	10°	500
199134*	20	1.2	25°	2500
199132	25	1.0-1.5	15°	1000

\*With stacking buffers and light vertical ribbing

## Domed Square Inserts

SR 1556

**Black Polyethylene**

- Add attractive finish to high-quality tubular products



Part Number	Dimensions (mm)			Standard Pack Quantity
	L (ins)	L (mm)	l (mm)	
111525	-	20.0	0.8-2.0	2500
199163*	¾	22.2	0.9-1.6	1750
199260	1	25.4	0.9-1.6	1250

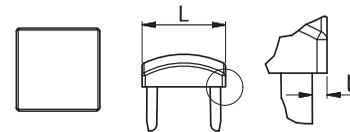
\*Textured head finish.

## Metal-Pronged Square Inserts

SR 1554

**Steel**

- Useful for fitting into tubular frames before finishing



Part Number	Dimensions (mm)				Standard Pack Quantity
	L (mm)	L (ins)	l (gauge)	l (mm)	
PFGS222-16	22.2	¾	16	1.6	625
PFGS254-16	25.4	1	16	1.6	500

## Chrome Square Inserts

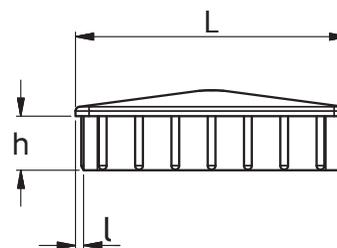
SR 5722

ABS

- Provides a neat finish
- High Gloss Chrome finished inserts
- Available in Silver Chrome or Black Chrome



Part Number		Dimensions (mm)			Standard Pack Quantity
Silver Chrome	Black Chrome	L	l	h	
499145	499164	12 x 12	1.0	7.0	200
499146	499165	12 x 12	1.2	7.0	200
-	499166	15 x 15	1.0	8.0	200
499148	499167	15 x 15	1.2	8.0	200
499149	499168	15 x 15	1.5	8.0	200
499202	-	16 x 16	1.0	8.0	100
499203	-	16 x 16	1.5	8.0	100
499205	-	18 x 18	1.5	8.0	100
-	499169	20 x 20	1.0	8.0	200
499151	499170	20 x 20	1.2	8.0	200
-	499171	20 x 20	1.5	8.0	200
499153	-	25 x 25	1.0	8.0	200
499154	499173	25 x 25	1.2	8.0	200
-	499174	25 x 25	1.5	8.0	200
499156	499175	25 x 25	2.0	8.0	200
-	499176	30 x 30	1.0	10.0	100
-	499177	30 x 30	1.2	10.0	100
499159	499178	30 x 30	1.5	10.0	100
499207	-	35 x 35	1.5	11.0	100
499209	-	40 x 40	1.5	11.0	100
499210	-	45 x 45	1.2	11.0	100
499211	-	45 x 45	1.5	11.0	100
499160	499179	50 x 50	1.2	10.0	100
499161	499180	50 x 50	1.5	10.0	100
499162	-	50 x 50	2.0	10.0	100
499163	499182	50 x 50	3.0	10.0	100
499213	-	60 x 60	1.5	12.0	100
499214	-	80 x 80	1.2	12.0	100
499216	-	80 x 80	2.0	12.0	100



## Large Square Tube Insert Glides

SR 1631

LDPE

- Ideal for general purpose tube-fitting applications
- Stepped lead for easy insertion and secure fit



Part Number	Dimensions				Standard Pack Quantity
	Tube OD (mm)	Wall Thickness (mm)	Tube OD (ins)	Wall Thickness (gauge)	
SQS5006A	127	4.9	5	6	50

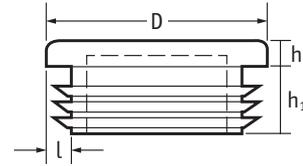
# TUBE INSERTS

## Standard Round Ribbed Inserts – Black and White

SR 1530

LDPE

- Ribbed for easy assembly and secure fitting
- Cover sharp tube edges

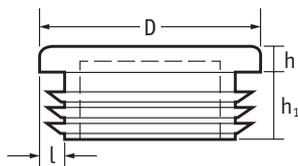


Part Number				Dimensions						Standard Pack Quantity
Black		White		D (mm)	D (ins)	h (mm)	h1 (mm)	l (mm)	l (gauge)	
Polished	Eroded	Polished	Eroded	10	–	3.5	11.5	0.8-2.0	–	2500
111489	111527	111565	111603	10	–	3.5	12	1.5-2.0	–	500
–	–	–	085010060303	12	–	3.5	11.5	0.8-2.0	–	2500
111490	111528	111566	111604	12	–	3.5	12	1.5-2.0	–	500
–	–	–	085012060303	12	–	3.5	11.5	0.8-2.0	–	2500
111033	111053	111073	–	12.7	½	4	11.5	0.8-2.0	12-20	2500
111034	111054	111074	111094	13	–	4	11.5	0.8-2.0	–	2500
–	465609	–	–	14	–	5	11.5	1.5-2.0	–	2500
–	085014069903	–	085014060303	14	–	5	12	1.5-2.0	–	500
–	465610	–	–	15	–	5	11.5	0.8-2.0	–	2500
–	085015069903	–	085015060303	15	–	3	12	0.8-2.0	–	500
111035	111055	111075	111095	16	⅝	5	11.5	0.8-2.0	12-20	5000
–	–	–	085016060303	16	–	5	12	0.8-2.0	–	500
111491	111529	111567	111605	18	–	5	11.5	0.8-2.0	–	1500
111036	111056	111076	111096	19	¾	5	11.5	0.8-2.0	12-20	1500
111037	111057	111077	111097	20	–	5	11.5	0.8-2.0	–	1500
–	465608	–	–	21	–	5	11.5	0.8-2.0	–	1500
–	085021069903	–	085021060303	21	–	5	12	1.5-2.0	–	100
111038	111058	111078	111098	22	⅞	5	11.5	0.8-2.0	12-20	1500
–	–	–	085022060303	22	–	5	12	1.0-3.0	–	100
–	465598	–	–	23	–	5	11.5	0.8-2.5	–	1000
–	085023069903	–	085023060303	23	–	5	12	1.5-2.0	–	100
–	465599	–	–	24	–	5	11.5	1.0-2.5	–	1000
–	085024069903	–	085024060303	24	–	5	12	1.5-2.0	–	100
111039	111059	111079	111099	25	–	5	11.5	1.0-3.0	–	1000
111040	111060	111080	111100	25.4	1	5	11.5	1.0-3.0	10-18	1000
–	460665	–	–	26	–	5	11.5	1.0-3.0	–	1000
–	–	–	085026060303	26	–	5	12	1.5-2.0	–	100
–	085027069903	–	085027060303	27	–	5	12	1.0-3.0	–	100
111041	111061	111081	111101	28	–	5	11.5	1.0-3.0	–	1000
111042	111062	111082	111102	28.6	1⅜	5	11.5	1.0-3.0	10-18	1000
111043	111063	111083	111103	30	–	5	11.5	1.0-3.0	–	1000
–	–	–	085030060303	30	–	5	12	1.5-2.0	–	100
111044	111064	111084	–	32	1¼	5	11.5	1.0-3.0	10-18	1000
111045	111065	–	111105	34	–	5	11.5	1.0-3.0	–	1000
–	–	–	085034060303	34	–	5	12	1.0-3.0	–	50
111492	111530	–	111606	35	–	5	11.5	1.0-3.0	–	1500

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# Standard Round Ribbed Inserts – Black and White CONTINUED

SR 1530

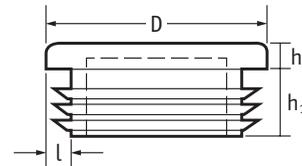


Part Number				Dimensions						Standard Pack Quantity
Black		White		D (mm)	D (ins)	h (mm)	h1 (mm)	l (mm)	l (gauge)	
Polished	Eroded	Polished	Eroded							
-	085036069903	-	085036060303	36	-	5	12	1.5-2.0	-	50
111493	111531	-	111607	37	-	5	11.5	1.0-3.0	-	1500
-	-	-	085037060303	37	-	5	12	1.5-2.0	-	50
111046	111066	111086	111106	38	1½	5	11.5	1.0-3.0	10-18	1000
-	-	-	085038060303	38	-	5	12	1.5-3.5	-	50
199278	-	-	-	38.1	1½	5	14.5	2.0-4.0	8-12	1500
111047	111067	-	111107	40	-	5	11.5	1.0-3.0	-	1000
111495	111533	111571	111609	41.3	1¾	5	11.5	1.0-3.0	11-20	1000
111494	111532	-	111608	42	-	5	11.5	1.0-3.0	-	1000
-	-	-	085042060303	42	-	5	12	0.8-2.5	-	50
-	085043069903	-	085043060303	43	-	5	12	2.0-2.5	-	50
111497	111535	-	111611	44.4	1¾	5	11.5	1.0-3.0	11-20	1000
111496	111534	-	111610	45	-	5	11.5	1.0-3.0	-	1000
-	-	-	085045060303	45	-	5	12	0.8-3.5	-	50
111498	111536	-	111612	47.6	1¾	5	11.5	1.0-3.0	11-20	800
111048	111068	-	111108	50	-	5	14.5	1.0-3.0	-	500
-	-	-	085050060303	50	-	5	12	1.0-3.0	-	50
111049	111069	111089	111109	50.8	2	5	14.5	1.0-3.0	10-18	500
-	465600	-	-	55	-	5	11.5	1.0-3.0	-	600
-	085055069903	-	085055060303	55	-	5	12	1.0-3.0	-	50
111050	111070	199832	111110	60	-	5	14.5	1.0-3.0	-	400
199209	-	-	-	60	-	6	20.1	3.5-5.0	-	400
-	-	-	085060060303	60	-	4	19	1.5-3.0	-	25
-	199268	-	-	63.5	2½	6	20	2.0-4.0	8-12	400
111500	111538	-	111614	63.5	2½	5	14.5	1.0-3.0	11-20	250
111499	111537	-	111613	65	-	5	14.5	1.0-3.0	-	250
-	-	-	085065060303	65	-	5	21	1.5-3.5	-	10
-	465601	-	085070060303	70	-	5	21	2.0-4.5	-	300
111051	111071	-	111111	75	-	6	22	2.0-4.0	-	250
-	-	-	085076160303	76.1	-	5	21	1.8-4.0	-	10
-	199271	111092	-	76.2	3	6.2	20.2	1.0-2.0	14-18	250
111052	111072	-	111112	76.2	3	6	22	2.0-4.0	8-14	250
-	465602	-	085080060303	80	-	4	21	1.5-3.0	-	360
-	465603	-	-	85	-	6	21	1.5-4.0	-	250
-	085088969903	-	085088960303	88.9	-	5	21	1.8-4.0	-	10
-	-	-	085090060303	90	-	6	21	2.5-5.0	-	10
-	465604	-	-	90	-	5	20	2.5-5.0	-	250
-	465605	-	-	95	-	6	21	1.5-4.0	-	125
-	465606	-	460687	100	-	6	28	2.0-4.5	-	80
-	465596	-	-	105	-	6	28	2.0-4.5	-	75
-	465597	-	085110060303	110	-	6	28	2.0-4.5	-	100
-	465607	-	085120060303	120	-	6	28	2.0-4.0	-	60
-	085140069903	-	085140060303	140	-	6	34	2.0-6.5	-	10
-	085150069903	-	085150060303	150	-	6	34	2.0-7.0	-	10
-	085160069903	-	-	160	-	5	34	5.0-7.0	-	10

## Standard Round Ribbed Inserts – Mid and Dark Grey

### SR 1530

- Mid Grey similar to RAL 7042
- Dark Grey similar to RAL 7011

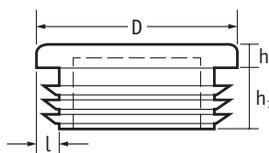


Part Number				Dimensions						Standard Pack Quantity
Mid Grey		Dark Grey		D (mm)	D (ins)	h (mm)	h1 (mm)	l (mm)	l (guage)	
Polished	Eroded	Polished	Eroded							
111641	111679	111717	111755	10	–	3.5	11.5	0.8-2.0	–	2500
–	085010062003	–	–	10	–	3.5	12	1.5-2.0	–	500
111642	111680	–	111756	12	–	3.5	11.5	0.8-2.0	–	2500
–	085012062003	–	–	12	–	3.5	12	1.5-2.0	–	500
111113	111114	111173	111153	12.7	½	4	11.5	0.8-2.0	12-20	2500
–	085013062003	–	–	13	–	4	12	0.8-2.0	–	500
–	085014062003	–	–	14	–	5	12	1.5-2.0	–	500
–	085015062003	–	–	15	–	3	12	0.8-2.0	–	500
111115*	111135	111155*	111175	16	⅝	5	11.5	0.8-2.0	12-20	5000
–	085016062003	–	–	16	–	5	12	0.8-2.0	–	500
111643	111681	111719	111757	18	–	5	11.5	0.8-2.0	–	1500
111116	111136	111156	111176	19	¾	5	11.5	0.8-2.0	12-20	1500
–	085019062003	–	–	19	–	5	12	0.8-2.0	–	100
111117	111137	111157	111177	20	–	5	11.5	0.8-2.0	–	1500
–	085020062003	–	–	20	–	5	12	0.8-2.5	–	100
–	085021062003	–	–	21	–	5	12	1.5-2.0	–	100
111118	111138	111158	111178	22	⅞	5	11.5	0.8-2.0	12-20	1000
–	085022062003	–	–	22	–	5	12	1.0-3.0	–	100
–	085023062003	–	–	23	–	5	12	1.5-2.0	–	100
–	085024062003	–	–	24	–	5	12	1.5-2.0	–	100
111119	111139	111159	111179	25	–	5	11.5	1.0-3.0	–	1000
–	085025062003	–	–	25	–	5	12	1.0-2.5	–	100
111120	111140	111160	111180	25.4	1	5	11.5	1.0-3.0	10-18	1000
–	085026062003	–	–	26	–	5	12	1.5-2.0	–	100
–	085027062003	–	–	27	–	5	12	1.0-3.0	–	100
111121	111141	111181	–	28	–	5	12.4	1.0-3.0	–	1000
–	085028062003	–	111182	28	–	5	12	1.0-2.5	10-18	100
111122	111142	111162	–	28.6	1⅜	5	11.5	1.0-3.0	–	1000
111123	111143	111163	–	30	–	5	11.5	1.0-3.0	–	1000
–	085030062003	–	111184	30	–	5	12	1.5-2.0	10-18	100
111124	111144	111164	–	32	1¼	5	11.5	1.0-3.0	–	1000
–	085032062003	–	–	32	–	5	12	0.8-2.5	–	100
–	085034062003	–	–	34	–	5	12	1.0-3.0	–	50
111644	111682	–	–	35	–	5	11.5	1.0-3.0	–	1500
–	085035062003	–	111758	35	–	5	12	1.0-2.5	–	50
–	085036062003	–	–	36	–	5	12	1.5-2.0	–	50
–	111683	–	111102	37	–	5	11.5	1.0-3.0	–	1500
–	085037062003	–	–	37	–	5	12	1.5-2.0	10-18	50
111126	111146	–	–	38	1½	5	11.5	1.0-3.0	–	1000
–	085038062003	–	–	38	–	5	12	1.5-3.5	8-12	50
110662	–	–	–	38.1	1½	5	14.5	2.0-4.0	–	1000

\* Pack Qty = 2500

## Standard Round Ribbed Inserts – Mid and Dark Grey CONTINUED

SR 1530



Part Number				Dimensions						Standard Pack Quantity
Mid Grey		Dark Grey		D (mm)	D (ins)	h (mm)	h1 (mm)	l (mm)	l (guage)	
Polished	Eroded	Polished	Eroded							
111127	111147	111167	111187	40	-	5	11.5	1.0-3.0	-	1000
-	111685	-	-	41.3	1½	5	11.5	1.0-3.0	11-20	1000
111646	111684	111722	111760	42	-	5	11.5	1.0-3.0	-	1000
-	085042062003	-	-	42	-	5	12	0.8-2.5	-	50
-	085043062003	-	-	43	-	5	12	2.0-2.5	-	50
-	111687	111725	111763	44.4	1¾	5	11.5	1.0-3.0	11-20	1000
111648	111686	-	111762	45	-	5	11.5	1.0-3.0	-	1000
-	085045062003	-	-	45	-	5	12	0.8-3.5	-	50
111650	111688	-	111764	47.6	1¾	5	11.5	1.0-3.0	11-20	800
-	085049062003	-	-	48	-	5	12	1.2-3.6	-	50
111128	111148	111168	111188	50	-	5	14.5	1.0-3.0	-	500
-	085050062003	-	-	50	-	5	12	1.0-3.0	-	50
-	085055062003	-	-	55	-	5	12	1.0-3.0	-	50
111130	-	-	-	60	-	5	14.5	1.0-3.0	-	400
-	111690	-	111766	63.5	2½	5	14.5	1.0-3.0	11-20	250
-	085065062003	-	-	65	-	5	21	1.5-3.5	-	10
-	085076162003	-	-	76.1	-	5	21	1.8-4.0	-	10
111131	111152	111172	111192	76.2	3	6	22	2.0-4.0	8-14	250
-	085080062003	-	-	80	-	4	21	1.5-3.0	-	10
-	085088962003	-	-	88.9	-	5	21	1.8-4.0	-	10
-	085090062003	-	-	90	-	6	21	2.5-5.0	-	10
-	085100062003	-	-	100	-	6	28	2.0-4.5	-	10
-	085110062003	-	-	110	-	6	28	2.0-4.5	-	10
-	085120062003	-	-	120	-	6	28	2.0-4.0	-	10
-	085140062003	-	-	140	-	6	34	2.0-6.5	-	10
-	085150062003	-	-	150	-	6	34	2.0-7.0	-	10
-	085160062003	-	-	160	-	5	34	5.0-7.0	-	10
-	085168362003	-	-	168.3	-	5	34	2.0-6.5	-	10

## Standard Round Ribbed Inserts – Coloured

SR 1530

LDPE - Various Colours

- Eroded head
- Ideal for educational or play equipment



Part Number					Dimensions			Standard Pack Quantity
Yellow	Red	Green	Blue	Brown	D (mm)	D (ins)	l (mm)	
111818	111820	111821	111822	111823	16.0	¾	0.8-2.0	2500
111883	111884	111885	111886	111887	18.0	-	0.8-2.0	1500
111906	805197	111907	111908	111825	19.0	¾	0.8-2.0	1500
111889	111890	111891	111892	111893	20.0	-	0.8-2.0	1500
111870	111827	111828	111909	111911	22.0	7/8	0.8-2.0	1500
111895	111896	111897	111898	111899	25.0	-	1.0-3.0	1000
111830	111831	111832	111833	111834	25.4	1	1.0-3.0	1000
199717	199718	111836	111910	111837	32.0	1¼	1.0-3.0	1000

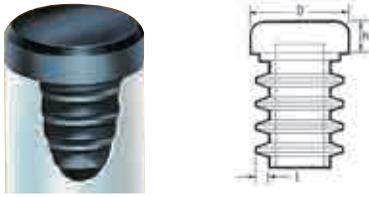
# TUBE INSERTS

## Heavy-Duty Round Inserts

SR 1565

LDPE

- Ideal as heavy-duty feet for tubular products



### Black Inserts

Part Number	Dimensions				Standard Pack Quantity
	D (ins)	D (mm)	l (mm)	h (mm)	
199099	3/4	19.5	1.2 - 2.0	6.4	5000
199100	7/8	22.2	1.2 - 2.0	6.4	2500
199085	1	25.4	1.2 - 2.0	7.9	500
199087	1 1/8	28.5	1.2 - 2.0	7.9	1500
199089	1 1/4	31.7	1.2 - 2.0	15.9	500

### Coloured Inserts

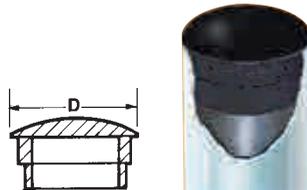
Part Number	Colour	Dimensions			Standard Pack Quantity
		D (mm)	l (mm)	h (mm)	
464526	Yellow	19.5	1.2 - 2.0	6.4	5000
464527	White	19.5	1.2 - 2.0	6.4	5000
468550	Yellow	22.2	1.2 - 2.0	6.4	2500
468551	White	22.2	1.2 - 2.0	6.4	2500
464524	Green	22.2	1.2 - 2.0	6.4	2500
464616	Blue	22.2	1.2 - 2.0	6.4	2500

## Lightweight Round Inserts

SR 1560

Black Polyethylene

- Easy assembly
- Offer a high-quality finish to a variety of tubular products
- Imperial range with plain shank
- Metric range with ribbed shank



### Plain Shank (Imperial)

Part Number			Head Size		Standard Pack Quantity
Gauge 16	Gauge 18	Gauge 20	D		
			(ins)	(mm)	
199091	199093	-	1/2	12.7	10000
199004	199006	199008	3/8	15.8	10000
199076	199078	199080	3/4	19.0	5000
199232*	199232*	199232*	3/4	19.0	5000
10755	199052	-	7/8	22.2	7000
199069	199070	-	1	25.4	5000
199072	199073	-	1 1/8	28.6	4000
199067	199068	-	1 1/4	31.7	2500
199119	199120	-	1 3/8	34.9	2500
-	199084	-	1 1/2	38.1	2000
-	11316	-	2	50.8	800

\*Ribbed short shank.

## Chrome-Plated Round Inserts

SR 1562

Black Polyethylene

- Attractive chrome-plated finish provides enhanced aesthetic appearance
- Ribbed for ease of insertion and positive fit



Part Number	Dimensions				Standard Pack Quantity
	Wall Thickness	D	h	h1	
465335	1.5	13.0	8.0	2.0	4000
463586	1.5	16.0	10.0	2.0	2000
465333	1.5	18.0	10.0	2.0	2000
465336	1.5	19.0	10.0	2.0	3000
465338	1.5	20.0	10.0	3.0	2000
465334	1.5	22.0	11.0	3.0	2000
462994	1.5	25.0	15.0	3.0	2000
463587	1.5	28.0	15.0	3.0	2000
463020	1.5	30.0	16.0	3.0	2000
463588	1.5	32.0	16.0	3.0	2000
463021	1.5	35.0	16.0	3.0	2000
465337	1.5	38.0	16.0	3.0	1000
463022	1.5	40.0	16.0	3.0	1000
465339	1.5	45.0	16.0	3.0	750
463023	1.5	50.0	12.0	3.0	200
465332	1.5	60.0	12.0	3.0	200

### Ribbed (Metric)

Part Number	Dimensions (mm)				Standard Pack Quantity
	D	Wall Thickness	Shank Height	Head Height	
1318184	10	0.8-1.5	11.5	2	5000
1298772	12	1.5-2.0	11.5	2	5000
1298773	14	1.5-2.0	11.5	3	5000
1298774	15	0.8-2.0	11.5	3	2500
1298775	16	0.8-2.0	11.5	3	2500
1318185	18	0.8-2.0	11.5	3	2000
1318186	19	0.8-2.0	11.5	3	2000
1298776	20	0.8-2.5	11.5	3	2000
1298777	22	1.0-2.5	11.5	3	2000
1318187	24	1.0-2.5	11.5	3	2000
1298778	25	1.0-2.5	11.5	3	3500
1339575	28	0.8-2.5	11.5	3	3000
1339577	30	0.8-2.5	11.5	3	2500
1339578	32	0.8-2.5	11.5	3	2250
1351002	35	1.0-3.0	11.5	3	1750
1351003	38	1.0-3.0	11.5	3	1500
1339576	40	1.0-3.0	11.5	3	1500
460789	42	0.8-2.5	11.5	3	1250
1350661	45	1.0-3.0	11.5	3	1000
466580	50	1.0-2.5	11.5	3	800
466581	55	1.0-3.0	14.5	3	700
466582	60	1.5-3.0	18.0	3	500

## Round Load Bearing Glides

SR 1632

Black ABS unless otherwise stated

- Designed for use as a glide or plug style closure
- Stepped lead for easy insertion and secure fit
- Ideal for moderate to heavy-duty applications

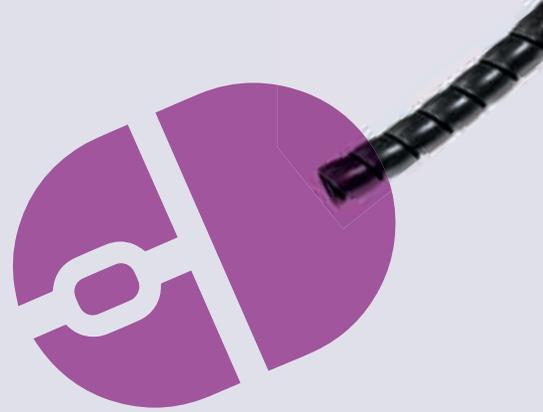


Part Number	Dimensions				Standard Pack Quantity
	Tube OD (mm)	Wall Thickness (mm)	Tube OD (ins)	Wall Thickness (gauge)	
RDG1100A	9.5	1.1	0.375	19	9000
RDG1105A	12.7	1.7	0.5	16	10000
RDG1110A	12.7	1.2	0.5	18	15000
RDG1115A	12.7	0.9	0.5	20	15000
RDG1120A	12.7	0.8	0.5	21	15000
RDG1125A	12.7	0.7	0.5	22	13000
RDG1127A1	14.3	1.1	0.563	19	10000
RDG1130A	14.3	0.9	0.563	20	13000
RDG1135A	14.3	0.7	0.563	22	6500
RDG1140A	15.9	3	0.625	11	13000
RDG1145A	15.9	2.8	0.625	12	13000
RDG1150A	15.9	2.4	0.625	13	15000
RDG1155D	15.9	2.1	0.625	14	3000
RDG1160A	15.9	1.8	0.625	15	7000
RDG1165A	15.9	1.7	0.625	16	7000
RDG1168B2	15.9	1.5	0.625	17	10000
RDG1170A	15.9	1.5	0.625	17	8000
RDG1175A	15.9	1.2	0.625	18	8000
RDG1180A	15.9	0.9	0.625	20	5000
RDG1185A	15.9	0.7	0.625	22	8000
RDG1190A	19.1	2.4	0.75	13	6500
RDG1195C	19.1	2.1	0.75	14	1500
RDG1196A	19.1	2.1	0.75	14	6500
RDG1200A	19.1	1.7	0.75	16	7000
RDG1205A	19.1	1.5	0.75	17	8000
RDG1210A	19.1	1.2	0.75	18	7000
RDG1215A	19.1	1.1	0.75	19	6500
RDG1220A	19.1	0.9	0.75	20	6500
RDG1225A	19.1	0.7	0.75	22	3000
RDG1228B3	22.2	2.4	0.875	13	4500
RDG1230A	22.2	2.1	0.875	14	5000
RDG1235A	22.2	1.7	0.875	16	5000
RDG1237B4	22.2	1.5	0.875	17	5000
RDG1240A	22.2	1.2	0.875	18	4500
RDG1245A	22.2	1.1	0.875	19	5000
RDG1250A	22.2	0.9	0.875	20	4500
RDG1255A	25.4	2.8	1	12	4000
RDG1264B2	25.4	2.1	1	14	4000
RDG1265A	25.4	2.1	1	14	4000
RDG1270A	25.4	1.8	1	15	4000
RDG1273B2	25.4	1.7	1	16	4000
RDG1274D4	25.4	1.7	1	16	3500

Part Number	Dimensions				Standard Pack Quantity
	Tube OD (mm)	Wall Thickness (mm)	Tube OD (ins)	Wall Thickness (gauge)	
RDG1275A	25.4	1.7	1	16	4000
RDG1280A	25.4	1.5	1	17	3500
RDG1285A	25.4	1.2	1	18	3500
RDG1290A	25.4	1.1	1	19	3500
RDG1295C	25.4	0.9	1	20	3500
RDG1305C	28.6	2.8	1.125	12	2500
RDG1310A	28.6	2.1	1.125	14	2800
RDG1315A	28.6	1.7	1.125	16	2800
RDG1320B	28.6	1.2	1.125	18	2800
RDG1325A	28.6	1.1	1.125	19	2800
RDG1327B3	28.7	0.9	1.13	20	2400
RDG1330A	31.8	3	1.25	11	2500
RDG1335C	31.8	2.8	1.25	12	2500
RDG1340A	31.8	2.1	1.25	14	2300
RDG1345A	31.8	1.7	1.25	16	2300
RDG1350D	31.8	1.2	1.25	18	2300
RDG1355A	34.9	2.4	1.375	13	1100
RDG1360A	34.9	2.1	1.375	14	2000
RDG1365A	34.9	1.7	1.375	16	2000
RDG1370C	34.9	1.2	1.375	18	2000
RDG1375A	34.9	0.9	1.375	20	1600
RDG1380A	38.1	2.8	1.5	12	1200
RDG1385A	38.1	2.1	1.5	14	1500
RDG1390A	38.1	1.7	1.5	16	1500
RDG1394B2	38.1	1.2	1.5	18	1400
RDG1395D	38.1	1.2	1.5	18	1500
RDG1400A	38.1	1.1	1.5	19	1500
RDG1405A	38.1	0.9	1.5	20	1500
RDG1408B4	41.3	1.7	1.625	16	1400
RDG1410A	41.3	1.2	1.625	18	1000
RDG1415A	44.5	3	1.75	11	1100
RDG1420A	44.5	2.1	1.75	14	1100
RDG1425A	44.5	1.7	1.75	16	1100
RDG1430A	44.5	1.2	1.75	18	1100
RDG1435A	44.5	0.9	1.75	20	1000
RDG1445A	50.8	3	2	11	850
RDG1455A	50.8	1.7	2	16	850
RDG1460A	50.8	1.2	2	18	850
RDG1465A	50.8	0.9	2	20	1000
RDG1470A	63.5	1.2	2.5	18	500
RDG1475A	76.2	1.7	3	13	500
RDG1274D	25.4	1.7	1	16	3500

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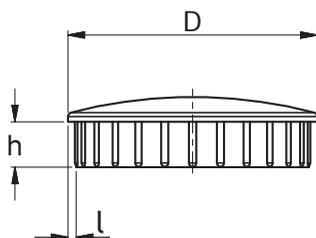
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## Chrome Round Inserts

SR 5723

ABS

- Provides a neat finish
- High gloss chrome finished inserts
- Available in silver or black chrome finishes



Part Number		Dimensions (mm)			Standard Pack Quantity
Silver Chrome	Black Chrome	D	l	h	
499051	499089	8.0	1.0	4.5	200
499052	499090	10.0	1.0	5.0	200
499053	499091	12.0	1.0	5.0	200
499054	499092	13.0	1.0	5.0	200
499055	499093	14.0	1.0	5.0	200
499183	-	16.0	1.0	8.0	100
499184	-	16.0	1.2	8.0	100
499185	-	16.0	1.5	8.0	100
499056	-	18.0	1.0	8.0	200
499057	499095	18.0	1.2	8.0	200
499058	499096	18.0	1.5	8.0	200
499059	-	20.0	1.0	5.0	200
-	499098	20.0	1.2	5.0	200
499061	499099	20.0	1.5	5.0	200
499062	-	22.0	1.0	8.0	200
-	499101	22.0	1.2	8.0	200
-	499102	22.0	1.5	8.0	200
-	499103	22.0	2.0	8.0	200
499066	499104	25.0	1.0	8.0	200
499067	499105	25.0	1.2	8.0	200
499068	499106	25.0	1.5	8.0	200
499069	499107	25.0	2.0	8.0	200
499070	-	25.0	2.5	8.0	200
499188	-	28.0	1.0	10.0	100
499189	-	28.0	1.2	10.0	100
499190	-	28.0	1.5	10.0	100
499072	499110	30.0	1.2	10.0	200
499073	499111	30.0	1.5	10.0	200
499074	499112	30.0	2.0	10.0	200
499075	499113	32.0	1.2	10.0	200
499076	499114	32.0	1.5	10.0	200
499077	499115	32.0	2.0	10.0	200
499078	499116	32.0	3.0	10.0	200

Part Number		Dimensions (mm)			Standard Pack Quantity
Silver Chrome	Black Chrome	D	l	h	
-	499117	35.0	1.0	10.0	200
499080	499118	35.0	1.2	10.0	200
499081	499119	35.0	1.5	10.0	200
499082	499120	35.0	2.0	10.0	200
499192	-	38.0	1.5	10.0	100
499193	-	38.0	2.0	10.0	100
499083	499121	40.0	1.0	10.0	200
499084	499122	40.0	1.5	10.0	100
499085	499123	40.0	2.0	10.0	100
499195	-	50.0	1.0	11.0	100
499196	-	50.0	1.2	11.0	100
499197	-	50.0	1.5	11.0	100
499198	-	50.0	2.0	11.0	100
499086	499124	60.0	1.0	11.0	100
-	499125	60.0	1.2	11.0	100
499088	499126	60.0	1.5	11.0	100

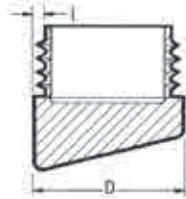
# TUBE INSERTS

## Angled Round Inserts

SR 1555

Black Polyethylene

- Easy assembly
- Durable and long lasting
- Perfect for tube ends on uneven surfaces and for tubes which meet surfaces at an angle



### Imperial

Part Number	Dimensions (mm)			Angle	Standard Pack Quantity
	D		l (mm)		
	(ins)	(mm)			
199032	¾	19.1	1.6	15°	2000
110356*	¾	19.1	1.6	15°	4000

\*With alignment grooves.

### Metric

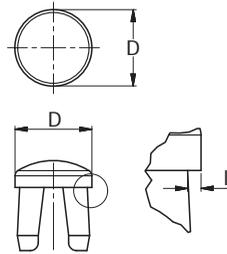
Part Number	Dimensions (mm)		Angle	Standard Pack Quantity
	D	l (mm)		
460751	18	1.5-2.0	15°	1000
497419	20	1.5-2.0	15°	1000
497420	22	1.5-2.0	15°	1000
497421	25	1.5-2.0	15°	1000

## Metal-Pronged Round Inserts

SR 1554

Steel

- Useful for fitting into tubular frames before finishing



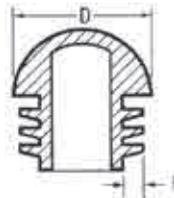
Part Number	Dimensions (mm)				Standard Pack Quantity
	D (ins)	D (mm)	l (gauge)	l (mm)	
PFGR190-16	¾	19.1	16	1.6	850
PFGR254-16	1	25.4	16	1.6	500
PFGR254-18	1	25.4	18	1.2	500
PFGR317-16	1¼	31.7	16	1.6	250

## Domed Round Inserts

SR 1555

Black Polyethylene

- Add attractive finish to high-quality tubular products



### Imperial (Polished Finish)

Part Number	Dimensions (mm)				Standard Pack Quantity
	D		l (gauge)	l (mm)	
	(ins)	(mm)			
111522	¾	22.2	14.0-20.0	1.0-2.0	4000
199275	1¼	31.7	16.0-20.0	1.5-2.0	2000

### Metric (Textured Finish)

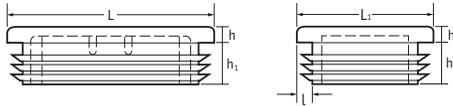
Part Number	Dimensions (mm)		Standard Pack Quantity
	D	l	
465325	16	1.5-2.0	4000
465324	18	1.5-2.0	4000
111559	20	0.8-2.0	2500
111560	22	0.8-2.0	2000
111561	25	0.8-2.0	2000
465321	28	1.5-2.0	1500
465323	30	1.5-2.0	1000
465322	32	1.5-2.0	1500
111562	35	0.8-2.0	1500
465318	40	1.5-2.0	500

## Ribbed Rectangular Inserts

SR 1550

LDPE

- Ideal for most popular sizes and gauges of rectangular tubes

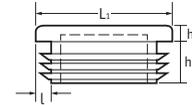
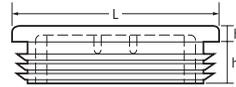


Part Number				Dimensions						Standard Pack Quantity
Black		White		L x L1 (mm)	L x L1 (ins)	h (mm)	h1 (mm)	l (mm)	l (gauge)	
Polished	Eroded	Polished	Eroded							
111337	111354	-	-	20 x 10	-	3	11.5	0.8 - 2.0	-	2000
-	057201069903	-	057201060303	20 x 10	-	3	11.5	1.0-2.0	-	100
-	057201269903	-	057201260303	20 x 12	-	2	9.5	1.0-1.5	-	100
-	498698	-	-	20 x 15	-	3	11.5	1.0 - 2.0	-	2000
-	057201569903	-	057201560303	20 x 15	-	5	11.5	1.0-1.5	-	100
-	057201669903	-	-	20 x 16	-	5	11.5	1.5-2.0	-	100
111338	111355	-	-	25 x 10	-	3	11.5	0.8 - 2.0	-	2000
-	057251069903	-	057251060303	25 x 10	-	4	11.5	1.5-2.0	-	100
-	462363	-	-	25 x 12	-	3	11.5	1.0 - 2.0	-	1000
-	498699	-	-	25 x 15	-	5	11.5	0.8 - 2.5	-	1000
-	057251569903	-	057251560303	25 x 15	-	5	11.5	1.0-2.5	-	100
-	498700	-	-	25 x 20	-	5	11.5	1.0 - 3.0	-	1000
-	057252069903	-	057252060303	25 x 20	-	5	11.5	1.5-2.0	-	100
111339	111356	-	-	25.4 x 12.7	1 x ½	3	11.5	0.8 - 2.0	14-20	2000
-	498701	-	-	30 x 10	-	3	11.5	0.75 - 2.0	-	1000
199254	-	-	-	30 x 10	-	5	12	1.0 - 1.5	-	5000
-	057301069903	-	057301060303	30 x 10	-	4	11.5	1.5-2.0	-	100
111340	111357	111374	111391	30 x 15	-	5	11.5	1.0 - 3.0	-	1000
-	057301569903	-	057301560303	30 x 15	-	5	12	1.0-2.0	-	100
111341	111358	-	-	30 x 20	-	5	11.5	1.0 - 3.0	-	1000
-	057302069903	-	057302060303	30 x 20	-	6	12	1.0-2.0	-	100
-	498702	-	-	30 x 25	-	5	13.5	1.5 - 2.0	-	1000
-	057302569903	-	057302560303	30 x 25	-	5	13.5	1.5-1.5	-	100
111508	111546	-	111622	34.9 x 15.9	1¾ x ¾	4	11.5	1.0 - 3.0	11-20	2500
-	498703	-	-	35 x 15	-	3.5	11.5	1.0 - 3.0	-	1000
-	057351569903	-	057351560303	35 x 15	-	5	11.5	1.0-3.0	-	100
111509	111547	-	111623	35 x 20	-	5	11.5	1.0 - 3.0	-	2000
-	057352069903	-	057352060303	35 x 20	-	5	11.5	1.5-2.5	-	100
-	057352569903	-	057352560303	35 x 25	-	5	11.5	1.5-2.0	-	100
111343	111360	111377	-	38.1 x 19.1	1½ x ¾	5	11.5	1.0 - 3.0	10-18	1000
199203	-	-	-	38.1 x 19.1	1½ x ¾	5	11.5	1.0 - 2.0	14-18	2500
111510	111548	-	111624	38.1 x 25.4	1½ x 1	5	11.5	1.0 - 3.0	11-20	2000
-	057401069903	-	-	40 x 10	-	5	11	1.0-3.0	-	100
-	498704	-	-	40 x 15	-	5	11.7	1.5 - 2.0	-	1000
-	057401569903	-	057401560303	40 x 15	-	5	11.7	1.0-3.0	-	100
111344	111361	111378	-	40 x 20	-	5	11.5	1.0 - 3.0	-	1000
-	057402069903	-	057402060303	40 x 20	-	6	14.5	1.5-2.0	-	100
111511	111549	-	111625	40 x 25	-	5	11.5	1.0 - 3.0	-	1500
10175	497831	-	-	40 x 27	-	5	11.5	1.2 - 1.7	-	1500
111345	111362	-	-	40 x 30	-	5	11.5	1.0 - 3.0	-	1000
-	498705	-	-	45 x 15	-	5	11	1.5 - 2.0	-	1000

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## Ribbed Rectangular Inserts CONTINUED

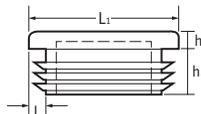
SR 1550



Part Number				Dimensions					Standard Pack Quantity	
Black		White		L x L1 (mm)	L x L1 (palec)	h (mm)	h1 (mm)	l (mm)		l (gauge)
Polished	Eroded	Polished	Eroded							
-	460722	-	-	45 x 20	-	5	11.5	1.0 - 3.0	-	2000
-	057452069903	-	057452060303	45 x 20	-	5	11.5	1.5 - 2.0	-	100
-	460723	-	-	45 x 25	-	5	11.5	1.0 - 3.0	-	1250
-	057452569903	-	057452560303	45 x 25	-	5	11.5	1.5 - 2.0	-	50
-	460724	-	-	45 x 30	-	5	11.5	1.0 - 2.5	-	1250
-	057501069903	-	057501060303	50 x 10	-	3.5	11.5	0.8 - 2.0	-	50
111346	111363	-	-	50 x 20	-	5	11.5	1.0 - 3.0	-	1000
-	057502069903	-	057502060303	50 x 20	-	5	14.5	1.0 - 3.0	-	50
111347	111364	111381	-	50 x 25	-	5	11.5	1.0 - 3.0	-	1000
-	057502569903	-	057502560303	50 x 25	-	5	14.5	1.0 - 3.0	-	50
111349	111366	111383	-	50 x 30	-	5	11.5	1.0 - 3.0	-	1000
-	057503069903	-	057503060303	50 x 30	-	5	14.5	1.0 - 3.0	-	50
111512	111550	-	111626	50.8 x 31.8	2 x 1 ¼	5	11.5	1.0 - 3.0	11-20	1000
-	057503469903	-	057503460303	50 x 34	-	5	14.5	1.0 - 3.5	-	50
-	498706	-	-	50 x 40	-	5	12	1.5 - 2.0	-	1000
-	057504069903	-	057504060303	50 x 40	-	5	12	1.0 - 3.0	-	50
111348	111365	111382	-	50.8 x 25.4	2 x 1	5	11.5	1.0 - 3.0	10-18	1000
-	057553469903	-	057553460303	55 x 34	-	5	14.5	1.5 - 4.0	-	25
111513	111551	-	111627	60 x 20	-	5	14.5	1.0 - 3.0	-	1000
-	057602069903	-	057602060303	60 x 20	-	5	14.5	1.5 - 2.0	-	25
18418	18422	-	-	60 x 25	-	5	11.5	3.0 - 4.5	-	1000
-	057602569903	-	057602560303	60 x 25	-	5	14.5	1.0 - 2.5	-	25
111481	111482	-	-	60 x 30	-	5	14.5	1.0 - 3.0	-	500
111350	111367	111384	111401	60 x 30	-	5	14.5	2.0 - 4.0	-	500
-	057603069903	-	057603060303	60 x 30	-	5	14.5	1.0 - 2.5	-	25
111802	111803	-	057604060303	60 x 40	-	5	14.5	1.0 - 3.0	-	500
111351	111368	-	-	60 x 40	-	5	14.5	2.0 - 4.0	-	500
-	057605069903	-	057605060303	60 x 50	-	5	14.5	1.5 - 3.5	-	25
10913	-	-	-	63.5 x 25.4	2½ x 1	5	11.5	1.0 - 2.0	16-18	1000
199184	-	-	-	63.5 x 25.4	2½ x 1	5.5	11.5	1.0 - 2.0	16-18	1000
199238	-	-	-	63.5 x 38.1	2½ x 1½	6.2	18	2.0 - 2.5	12-16	500
460726	057702069903	-	-	70 x 20	-	5	18.8	1.0 - 2.0	-	500
-	498707	-	-	70 x 25	-	5	17	1.0 - 2.0	-	500
-	057703069903	-	-	70 x 30	-	5.7	17.7	1.0 - 2.0	-	25
-	057704069903	-	057704060303	70 x 40	-	5	17.1	1.0 - 2.0	-	10
-	057705069903	-	-	70 x 50	-	5	14.5	2.0 - 5.0	-	10
-	199283	-	-	75 x 25	-	5	13	1.5 - 2.0	-	500
111514	111552	-	111628	76.2 x 38.1	3 x 1½	6	14.5	2.0 - 4.0	8-14	250
111515	111553	-	111629	75 x 50	-	6	22	2.0 - 4.0	-	250
111516	111554	-	-	76.2 x 50.8	3 x 2	6	22	2.0 - 4.0	8-14	250
-	498708	-	-	70 x 30	-	5.7	17.7	1.0 - 2.0	-	500
-	498709	-	-	70 x 40	-	5	17.1	1.0 - 2.0	-	500
-	498710	-	-	70 x 50	-	5	14.5	1.0 - 2.0	-	350
-	498711	-	057802060303	80 x 20	-	6	17.6	1.0 - 2.0	-	600
-	498712	-	-	80 x 25	-	5	14.5	1.0 - 2.0	-	550
-	498713	-	057803060303	80 x 30	-	5	14.5	1.0 - 2.5	-	500

Ribbed Rectangular Inserts *CONTINUED*

SR 1550

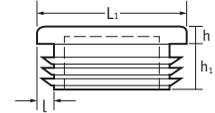
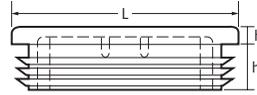


Part Number				Dimensions					Standard Pack Quantity	
Black		White		L x L1 (mm)	L x L1 (palec)	h (mm)	h1 (mm)	l (mm)		l (gauge)
Polished	Eroded	Polished	Eroded							
111473	057804069903	-	057804060303	80 x 40	-	5	14.5	1.0 - 3.0	-	250
111352	111369	-	111403	80 x 40	-	5	14.5	2.0 - 4.0	-	250
111353	111370	-	-	80 x 50	-	5	22	2.0 - 4.0	-	250
-	057805069903	-	-	80 x 50	-	5	24.5	2.0 - 4.0	-	10
-	498714	-	057806060303	80 x 60	-	5	24	1.5 - 3.5	-	150
-	460735	-	-	90 x 20	-	5	14.5	1.5 - 2.0	-	600
-	460736	-	-	90 x 40	-	5	14.5	2.0 - 4.0	-	300
-	498715	-	057807060303	90 x 50	-	6	21.5	2.0 - 4.5	-	200
-	057808069903	-	-	90 x 70	-	6	21.5	3.0 - 5.5	-	10
-	498691	-	-	100 x 20	-	5	14.5	1.5 - 3.0	-	500
-	498692	-	-	100 x 25	-	5	14.5	1.5 - 3.0	-	450
-	460740	-	057809060303	100 x 30	-	5	14.5	1.5 - 3.5	-	350
-	199231	-	199712	100 x 40	-	7.2	19	2.0 - 4.0	-	250
-	057810069903	-	057810060303	100 x 40	-	5	14.5	1.5 - 4.0	-	25
-	199195	-	-	100 x 50	-	8	18.5	2.0 - 4.0	-	200
-	057811069903	-	-	100 x 50	-	5	24	2.0 - 3.0	-	10
-	498693	-	057812060303	100 x 60	-	6	24.5	2.5 - 4.5	-	125
-	498694	-	057813060303	100 x 80	-	6	24	3.0 - 5.5	-	100
-	057814069903	-	-	110 x 60	-	6	24	3.5 - 5.5	-	10
-	057815069903	-	-	110 x 70	-	6	24	3.0 - 5.0	-	10
-	460743	-	057903060303	120 x 30	-	5	14.5	1.5 - 2.0	-	300
-	498696	-	057904060303	120 x 40	-	6	21.5	3.0 - 5.0	-	200
-	498689	-	-	120 x 50	-	6	21.5	3.0 - 5.5	-	150
111517	111555	111593	111631	120 x 60	-	6	22	2.0 - 4.0	-	100
-	057906069903	-	057906060303	120 x 60	-	5	24.5	2.0 - 4.0	-	10
498697	-	-	057908060303	120 x 80	-	5	24.5	2.0 - 3.0	-	75
-	498695	-	057910060303	120 x 100	-	6	24	3.5 - 6.0	-	60
-	057912069903	-	057912060303	140 x 80	-	5	24.5	2.0 - 4.5	-	10
-	460749	-	057913060303	150 x 50	-	6	28	2.0 - 4.0	-	100
-	498690	-	057914060303	150 x 100	-	7	27.5	3.0 - 8.0	-	100

## Ribbed Rectangular Inserts

### SR 1550

- Mid Grey similar to RAL 7042
- Dark Grey similar to RAL 7011

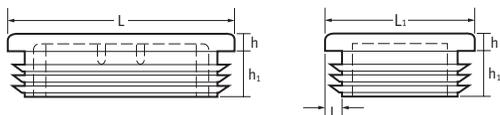


Part Number				Dimensions						Standard Pack Quantity
Mid Grey		Dark Grey		L x L1 (mm)	L x L1 (ins)	h (mm)	h1 (mm)	l (mm)	l (gauge)	
Polished	Eroded	Polished	Eroded							
-	057201062003	-	-	20 x 10	-	3	11.5	1.0 - 2.0	-	100
-	057201262003	-	-	20 x 12	-	2	9.5	1.0 - 1.5	-	100
-	057201562003	-	-	20 x 15	-	5	11.5	1.0 - 1.5	-	100
-	057201662003	-	-	20 x 16	-	5	11.5	1.5 - 2.0	-	100
111406	111423	-	-	25 x 10	-	3	11.5	0.8 - 2.0	-	2000
-	057251062003	-	-	25 x 10	-	4	11.5	1.5 - 2.0	-	100
-	057251562003	-	-	25 x 15	-	5	11.5	1.0 - 2.5	-	100
-	057252062003	-	-	25 x 20	-	5	11.5	1.5 - 2.0	-	100
-	057301062003	-	-	30 x 10	-	4	11.5	1.5 - 2.0	-	100
111408	-	111442	-	30 x 15	-	5	11.5	1.0 - 3.0	-	1000
-	057301562003	-	-	30 x 15	-	5	12	1.0 - 2.0	-	100
-	-	111443	-	30 x 20	-	5	11.5	1.0 - 3.0	-	1000
-	057302062003	-	-	30 x 20	-	6	12	1.0 - 2.0	-	100
-	-	-	-	30 x 25	-	5	13.5	1.5 - 1.5	-	100
-	111698	-	111774	34.9 x 15.9	1 3/8 x 5/8	4	11.5	1.0 - 3.0	11-20	2500
-	057351562003	-	-	35 x 15	-	5	11.5	1.0 - 3.0	-	100
-	111699	-	111775	35 x 20	-	5	11.5	1.0 - 3.0	-	2000
-	057352062003	-	-	35 x 20	-	5	11.5	1.5 - 2.5	-	100
-	057352562003	-	-	35 x 25	-	5	11.5	1.5 - 2.0	-	100
-	111428	-	-	38.1 x 19.1	1 1/2 x 3/4	5	11.5	1.0 - 3.0	10-18	1000
-	111700	-	-	38.1 x 25.4	1 1/2 x 1	5	11.5	1.0 - 3.0	11-20	2000
-	-	-	-	40 x 10	-	5	11	1.0 - 3.0	-	100
-	057401562003	-	-	40 x 15	-	5	11.7	1.0 - 3.0	-	100
-	111429	-	111463	40 x 20	-	5	11.5	1.0 - 3.0	-	1000
-	057402062003	-	-	40 x 20	-	6	14.5	1.5 - 2.0	-	100
-	111701	-	111777	40 x 25	-	5	11.5	1.0 - 3.0	-	1500
-	057403062003	-	-	40 x 30	-	5	11.5	1.0 - 3.0	-	100
-	057452062003	-	-	45 x 20	-	5	11.5	1.5 - 2.0	-	100
-	057452562003	-	-	45 x 25	-	5	11.5	1.5 - 2.0	-	50
-	057501062003	-	-	50 x 10	-	3.5	11.5	0.8 - 2.0	-	50
-	057502062003	-	-	50 x 20	-	5	14.5	1.0 - 3.0	-	50
111415	111432	111449	111466	50 x 25	-	5	11.5	1.0 - 3.0	-	1000
-	057502562003	-	-	50 x 25	-	5	14.5	1.0 - 3.0	-	50
-	111434	-	111468	50 x 30	-	5	11.5	1.0 - 3.0	-	1000
-	057503062003	-	-	50 x 30	-	5	14.5	1.0 - 3.0	-	50
-	111702	-	-	50.8 x 31.8	2 x 1 1/4	5	11.5	1.0 - 3.0	11-20	1000
-	057503462003	-	-	50 x 34	-	5	14.5	1.0 - 3.5	-	50
-	057504062003	-	-	50 x 40	-	5	12	1.0 - 3.0	-	50
111416	111433	-	111467	50.8 x 25.4	2 x 1	5	11.5	1.0 - 3.0	10-18	1000
-	057553462003	-	-	55 x 34	-	5	14.5	1.5 - 4.0	-	25

CONTINUED ON NEXT PAGE

Ribbed Rectangular Inserts *CONTINUED*

SR 1550



Part Number				Dimensions					Standard Pack Quantity	
Mid Grey		Dark Grey		L x L1 (mm)	L x L1 (ins)	h (mm)	h1 (mm)	l (mm)		l (gauge)
Polished	Eroded	Polished	Eroded							
-	111703	-	111779	60 x 20	-	5	14.5	1.0 - 3.0	-	1000
-	057602062003	-	-	60 x 20	-	5	14.5	1.5 - 2.0	-	25
-	057602562003	-	-	60 x 25	-	5	14.5	1.0 - 2.5	-	25
111418	-	111452	-	60 x 30	-	5	14.5	2.0 - 4.0	-	500
-	057603062003	-	-	60 x 30	-	5	14.5	1.0 - 2.5	-	25
111806	-	111808	-	60 x 40	-	5	14.5	1.0 - 3.0	-	500
111419	-	111453	-	60 x 40	-	5	14.5	2.0 - 4.0	-	500
-	057605062003	-	-	60 x 50	-	5	14.5	1.5 - 3.5	-	25
-	057703062003	-	-	70 x 30	-	5.7	17.7	1.0 - 2.0	-	25
-	057704062003	-	-	70 x 40	-	5	17.1	1.0 - 2.0	-	10
-	057705062003	-	-	70 x 50	-	5	14.5	1.0 - 2.0	-	10
-	111705	-	-	75 x 50	-	6	22	2.0 - 4.0	-	250
-	-	-	111782	76.2 x 50.8	3 x 2	6	22	2.0 - 4.0	8-14	250
-	057802062003	-	-	80 x 20	-	6	17.6	1.0 - 2.0	-	600
-	057803062003	-	-	80 x 30	-	5	14.5	1.0 - 2.5	-	500
-	057804062003	-	-	80 x 40	-	5	14.5	1.0 - 3.0	-	250
-	-	-	111471	80 x 40	-	5	14.5	2.0 - 4.0	-	250
-	057806062003	-	-	80 x 60	-	5	24	1.5 - 3.5	-	10
-	057807062003	-	-	90 x 50	-	6	21.5	2.0 - 4.5	-	10
-	057907062003	-	-	90 x 70	-	6	21.5	3.0 - 5.5	-	10
-	057809062003	-	-	100 x 30	-	5	14.5	1.5 - 3.5	-	25
-	057810062003	-	-	100 x 40	-	5	14.5	1.5 - 4.0	-	25
-	057811062003	-	-	100 x 50	-	5	24	2.0 - 3.0	-	10
-	057812062003	-	-	100 x 60	-	6	24.5	2.5 - 4.5	-	10
-	057813062003	-	-	100 x 80	-	6	24	3.0 - 5.5	-	10
-	057815062003	-	-	110 x 70	-	6	24	3.0 - 5.0	-	10
-	057903062003	-	-	120 x 30	-	5	14.5	1.5 - 2.0	-	10
-	057904062003	-	-	120 x 40	-	6	21.5	3.0 - 5.0	-	10
-	057905062003	-	-	120 x 50	-	6	21.5	3.0 - 5.5	-	10
-	111707	-	111783	120 x 60	-	6	22	2.0 - 4.0	-	10
-	057906062003	-	-	120 x 60	-	5	24.5	2.0 - 4.0	-	10
-	057908062003	-	-	120 x 80	-	5	24.5	2.0 - 3.0	-	10
-	057910062003	-	-	120 x 100	-	6	24	3.5 - 6.0	-	10
-	057912062003	-	-	140 x 80	-	5	24.5	2.0 - 4.5	-	10
-	057913062003	-	-	150 x 50	-	6	28	2.0 - 4.0	-	10
-	057914062003	-	-	150 x 100	-	7	27.5	3.0 - 8.0	-	10



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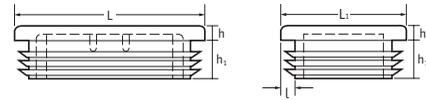
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## Ribbed Rectangular Inserts CONTINUED

SR 1550



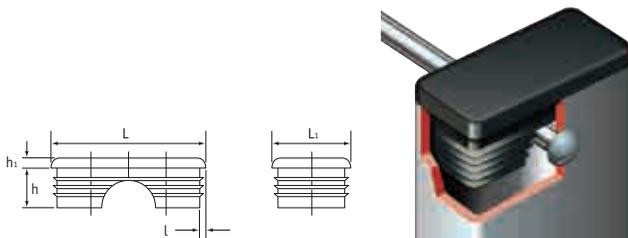
Part Number						Dimensions		Standard Pack Quantity
Yellow	Red	Green	Blue	Brown	Silver	L x L1 (mm)	l (mm)	
111859	111860	111861	111862	111863	803895	50.8 x 25.4	1.0 - 3.0	1000

## Centrally-Notched Rectangular Inserts

SR 1550

LDPE

- Ideal for use with fixed-position bolts, screws and studs
- Spark-eroded finish
- To suit wall section 1.0-2.0mm



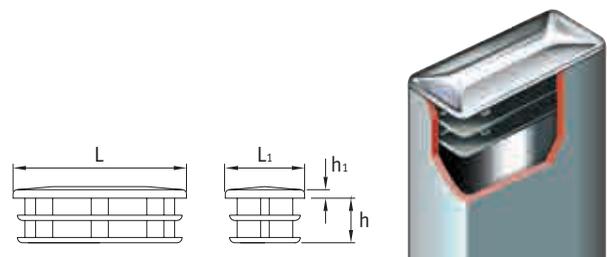
Part Number	Colour	Dimensions			Standard Pack Quantity
		L x L1 (mm)	h1 (mm)	h (mm)	
110721	Black	50.4 x 25.4	4.5	15.5	1000

## Chrome-Plated Cap Rectangular Inserts

SR 1553

Black Polyethylene

- Ribbed for ease of insertion and positive fit
- Chrome-plated cap provides enhanced aesthetic appearance
- To suit wall section 1.0-2.0mm



Part Number	Dimensions (mm)			Standard Pack Quantity
	L x L1	h	h1	
460966	20 x 10	10	1.5	1000
460967	20 x 15	10	2.0	1000
460968	30 x 15	10	2.0	1000
460969	40 x 20	11	2.0	1000

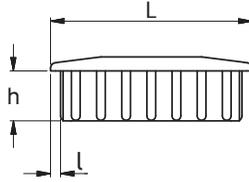
# TUBE INSERTS

## Chrome Rectangular Inserts

SR 5721

ABS

- Provides a neat finish
- High gloss chrome finished inserts
- Available in silver or black chrome finishes



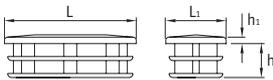
Part Number		Dimensions (mm)			Standard Pack Quantity
Silver Chrome	Black Chrome	L	l (mm)	h	
499199	-	20x10	1.0	9.0	100
-	499136	20x15	1.2	9.0	200
499128	499137	20x15	1.5	9.0	200
499200	-	30x20	1.2	9.0	100
499201	-	30x20	1.5	9.0	100
499129	499138	35x15	1.5	9.0	200
499130	499139	40x10	1.5	9.0	200
499131	-	40x20	1.2	9.0	100
499132	-	40x20	1.5	9.0	100
499133	-	50x30	1.5	10.0	100
499134	-	60x20	1.5	10.0	100
499135	-	80x20	2.0	10.2	100

## Lightweight Rectangular Inserts

SR 1552

Black Polyethylene

- Ribbed for ease of insertion and positive fit
- Provide neat and attractive finish
- Gauge = 1.0-2.0mm



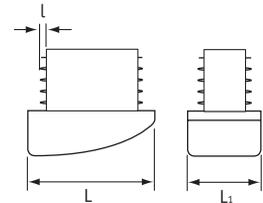
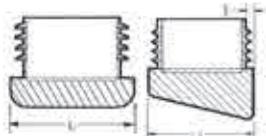
Part Number	Dimensions (mm)			Standard Pack Quantity
	L x L1 (mm)	h (mm)	h1 (mm)	
460936	10 x 20	9	3.0	4000
465474	10 x 40	10	3.0	2500
460937	15 x 20	10	3.5	3000
460939	15 x 30	10	3.5	3000
460942	15 x 40	10	3.5	2000
460940	20 x 30	10	4.0	4000
465473	20 x 40	11	4.0	2000
460944	25 x 40	12	4.0	2000
465475	25 x 50	12	4.0	1500
460945	30 x 40	13	5.0	1500
465472	30 x 50	13	5.0	1000
460950	30 x 100	16	3.0	500

## Angled Rectangular Inserts

SR 1555

Black Polyethylene

- Easy assembly
- Durable and long lasting
- Perfect for tube ends on uneven surfaces and for tubes which meet surfaces at an angle



Metric

Part Number	Dimensions (mm)			Standard Pack Quantity
	L x L1 (mm)	l (mm)	Angle	
460769	20 x 15	1.0-2.0	10°	3000
460770	25 x 15	1.0-2.0	10°	4000
460771	30 x 15	1.0-2.0	10°	1000
10450	30 x 20	1.0-1.5	15°	2500
10451	40 x 20	1.0-1.5	20°	1250

Special Pattern (Metric)

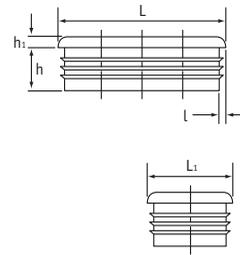
Part Number	Dimensions (mm)		Colour	Standard Pack Quantity
	L x L1	l		
111564	50 x 25	1.2-2.0	Black	400

## Ribbed Oval Inserts

SR 1557

Black Polyethylene

- Easy assembly
- Spark-eroded surface unless otherwise stated
- Secure fixing
- Straight sides
- Mid Grey similar to RAL 7042
- Dark Grey similar to RAL 7011



Flat Oval (Metric)

Part Number				Dimensions				Standard Pack Quantity
Black	White	Dark Grey	Mid Grey	L x L1 (mm)	h (mm)	h1 (mm)	l (gauge)	
460794*	-	-	-	20 x 10	10.0	5	1.5-2.0	4000
145201069903	145201060303	-	-	20 x 10	11.5	5	1.5-2.0	250
111556	111632	111786	111708	30 x 15	-	-	0.8-2.0	3000
460796	-	-	-	35 x 15	-	-	1.2-2.5	3000
145351569903	145351560303	-	145351562003	35 x 15	11.5	5	1.2-2.5	250
460797	-	-	-	35 x 20	-	-	1.0-3.0	2500
145352069903	145352060303	-	145352062003	35 x 20	11.5	5	1.5-2.0	250
465578	-	-	-	38 x 20	-	-	1.0-3.0	2500
145382069903	145382060303	-	145382062003	38 x 20	11.5	5	1.0-3.0	250
145402069903	145402060303	-	145402062003	40 x 20	11.5	4	1.5-2.0	100
111558	111634	-	111710	40 x 20	-	-	1.0-3.0	2500
145482069903	145482060303	-	145482062003	48 x 20	11.5	5	1.5-2.0	100
460800	-	-	-	50 x 20	-	-	1.0-3.0	1500
145502069903	-	-	145502062003	50 x 20	11.5	5	1.0-3.0	100
465579	-	-	-	50 x 25	-	-	1.0-2.5	1250
145502569903	145502560303	-	145502562003	50 x 25	11.5	5	1.0-2.5	50
465580	-	-	-	50 x 30	-	-	1.0-2.5	1000
145503069903	145503060303	-	145503062003	50 x 30	11.5	5	1.0-2.5	50
465581	-	-	-	60 x 20	-	-	1.0-2.0	1000
465582	-	-	-	60 x 30	-	-	1.0-2.0	750

\* Polished

Imperial

Part Number	Dimensions				Standard Pack Quantity
Black	L x L1 (mm)	h (mm)	h1 (mm)	l (gauge)	
111557	1 3/4 x 3/8	11.5	3.5	11-20	3000

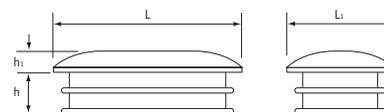
## Chrome Oval Inserts

SR 1558

Black Polyethylene

- Add attractive finish to high-quality tubular products
- Chrome-plated cap provides enhanced appearance
- Ribbed for ease of entry and positive fit
- Fit gauge 1.0-1.5mm

Part Number	Dimensions (mm)			Standard Pack Quantity
	L x L1 (mm)	h (mm)	h1 (mm)	
1348190	20 x 10	10	2.0	3000
463024	30 x 15	10	2.5	3000
465360	40 x 20	10	3.0	500



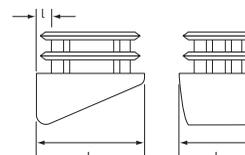
## Angled Oval Inserts

SR 1555

Black Polyethylene

- Durable and long lasting
- Perfect for tube ends which meet surfaces at an angle

Part Number	Dimensions (mm)		Angle	Standard Pack Quantity
	L x L1 (mm)	l (mm)		
465327	30 x 15	1.2-1.5	12.5°	1000
465326	30 x 15	1.2-1.5	30.0°	2000

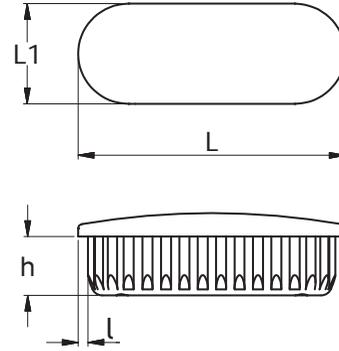


## Chrome Oval Insert

SR 5732

ABS

- Chrome finished inserts for enhanced aesthetic appearance
- Ideal for popular size gauges of oval tubing



Part Number	Dimensions (mm)			Standard Pack Quantity
	L	l	h	
499218	20 x 10	1.2	9.0	100
499219	25 x 10	1.5	9.0	100
499220	25 x 15	1.5	9.0	100
499221	30 x 15	1.2	10.0	100
499222	30 x 15	1.5	10.0	100
499223	30 x 20	1.2	10.0	100
499228	45 x 17	1.5	10.0	100

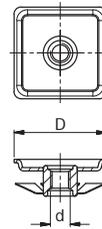
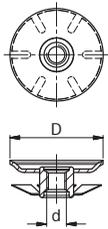
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## Spring Threaded Insert

SR 1430

- Spring loaded insert for round and square tubes
- Quick fit application



### Round

Part Number	D (mm)	Thread Size (d)	Gauge (mm)	Standard Pack Quantity
499455	19.0	M6	1.0	200
499456	22.0	M6	1.0	200
499457	25.0	M6	1.0	200
551836	51.0	M6	1.2	200
499458	25.0	M8	1.2	200
499460	32.0	M8	1.2	200
499461	38.0	M8	1.2	200
551837	51.0	M8	1.2	200
551838	25.0	M10	1.2	200
499463	32.0	M10	1.5	200
499464	38.0	M10	1.5	200
551839	51.0	M10	1.5	200

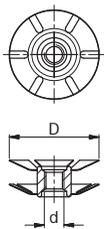
### Square

Part Number	D (mm)	Thread Size (d)	Gauge (mm)	Standard Pack Quantity
499465	19 x 19	M6	1.0	200
499466	22 x 22	M6	1.0	200
499467	25 x 25	M6	1.0	200
551845	25 x 25	M8	1.2	200
499470	32 x 32	M8	1.2	200
499471	38 x 38	M8	1.2	200
551842	22 x 22	M10	1.5	200
551843	25 x 25	M10	1.5	200
499473	32 x 32	M10	1.5	200
499474	38 x 38	M10	1.5	200

## Spring Threaded Tube Connectors

SR 1430

- Knock-in insert for connecting tubes
- Threaded for secure screw fixing



Part Number	D (mm)	Thread Size (d)	Gauge (mm)	Standard Pack Quantity
499444	19	M6	1.0	200
499445	22	M6	1.0	200
499446	25	M6	1.0	200
499447	25	M8	1.2	200
499449	32	M8	1.2	200
499450	38	M8	1.2	200
499451	25	M10	1.5	200
499453	32	M10	1.5	200
499454	38	M10	1.5	200
551835	51	M10	1.5	200

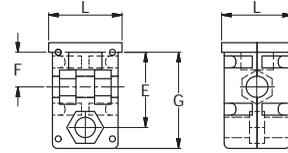
# THREADED INSERTS

## Horizontal Inserts for Square Tubes

SR 5731

Nylon

- Horizontal inserts with various options for joining square tubes



Type 1 - 2 level, 4 direction



Type 2 - 1 level, 2 direction



Type 3 - 2 level, 4 direction, top thread



Type 4 - 2 level, 4 direction, bottom thread



Type 5 - 2 level, 4 direction, 2 threads

Part Number	Dimensions (mm)							Number of Nuts	Standard Pack Quantity
	L	Thread Size	Type	Wall Thickness	E	F	G		
499229	25 x 25	M8	1	1.5	12.5	27	43	0	600
499230	25 x 25	M10	1	1.5	12.5	30	42	0	350
499231	30 x 30	M10	1	1.25	15	33	43	0	200
499232	30 x 30	M8	1	1.5	15	32	40	0	150
499233	30 x 30	M8	1	2	15	33	41	0	250
499234	30 x 30	M10	1	2	15	33	43	0	250
499245**	40 x 40	M10	2	2	25	-	40	1	100
499246**	40 x 40	M12	2	2	25	-	40	1	50
499238	25 x 25	M8	3	1.5	12.5	27	43	1	100
499239 *	25 x 25	M8	3	1.5	12.5	27	43	1	100
499240	25 x 25	M10	3	1.5	12.5	30	42	1	100
499241	30 x 30	M10	3	1.25	15	33	43	1	100
499242	30 x 30	M8	3	1.5	15	32	40	1	100
499244	30 x 30	M10	3	2	15	33	43	1	100
499247	25 x 25	M8	4	1.5	12.5	27	43	1	100
499250	30 x 30	M8	4	2	15	33	41	1	100
499251	30 x 30	M10	4	2	15	33	43	1	50
499252	25 x 25	M8	5	1.5	12.5	27	43	2	100
499253	25 x 25	M10	5	1.5	12.5	30	42	2	100
499256	30 x 30	M10	5	2	15	33	43	2	50

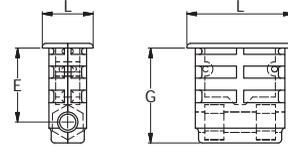
\*With DIN 985 locknut \*\*Domed Head

## Horizontal Inserts for Rectangular Tubes

SR 1421

Nylon

- Horizontal inserts with various options for joining rectangular tubes



Type 1 - 1 level, 2 direction



Type 2 - 1 level, 2 direction, top thread



Type 3 - 1 level, 2 direction, bottom thread



Type 4 - 1 level, 2 direction, 2 threads

Part Number	Dimensions (mm)							Number of Nuts	Standard Pack Quantity
	L	Thread Size	Type	Wall Thickness	E	F	G		
499258	40 x 20	M8	1	1.5	30	-	41	0	200
499259	40 x 25	M8	1	1.5	30	-	41	0	150
499260	45 x 25	M10	1	2	20	-	39	0	100
499262	50 x 30	M10	1	1.5	30	-	32	0	250
499264	60 x 30	M10	1	2	20	-	33	0	100
499265	30 x 20	M8	2	1.5	15	-	37	1	100
499266*	30 x 20	M8	2	2	15	-	36	1	100
499268	40 x 20	M8	3	1.5	30	-	41	1	100
499271	40 x 25	M8	3	1.5	30	-	41	1	100
499274	50 x 30	M10	3	1.5	30	-	42	1	100
499275*	50 x 30	M10	3	2	20	-	31	1	100
499276	60 x 30	M10	3	2	20	-	33	1	100
499277	30 x 20	M8	4	1.5	15	-	37	2	100
499278	40 x 20	M8	4	1.5	30	-	41	2	100
499279	40 x 25	M8	4	1.5	30	-	41	2	100
499280	45 x 25	M10	4	2	20	-	39	2	100
499281*	50 x 25	M10	4	2	20	-	32	2	100
499282	50 x 30	M10	4	1.5	30	-	42	2	50
499284	60 x 30	M10	4	2	20	-	33	2	50

\* Domed Head

## Threaded Inserts

### SR 1570

- Can be used with either adjustable feet (SR 1572) or adjustable tilt glides (SR 1575)
- M8 and M10 thread sizes available for Type 2
- Suitable for wall thickness of 1.0-2.0mm

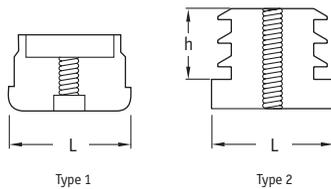
#### Material Key

PP = Polypropylene

HIPS = High-Impact Polystyrene

LDPE = Low-Density Polyethylene

HDPE = High-Density Polyethylene



### Square – Type 1 (Imperial) (Thread Size M8)

Part Number		Dimensions		Material	Standard Pack Quantity
16 Gauge	18 Gauge	L (ins)	L (mm)		
-	39768	¾	19.0	HIPS	4000
199412	199412	1	25.4	Nylon	1250
462389	-	1¼	31.7	HIPS	500
-	462390*	1½	38.1	HIPS	250
462391*	-	1½	38.1	HIPS	250

\*Thread size M10

### Round – Type 1 (Imperial) (Thread Size M8)

Part Number		Dimensions		Material	Standard Pack Quantity
16 Gauge	18 Gauge	L (ins)	L (mm)		
-	39762	¾	19.0	Nylon	1000

### Square – Type 2 (Metric)

Part Number	Dimensions (mm)		Thread Size	Material	Standard Pack Quantity
	L	h			
498637	15	18	M8	HDPE	1000
498638	16	18	M8	HDPE	1000
498640	20	18	M8	HDPE	1000
498641	22	18	M8	HDPE	1000
498642	25	19	M8	HDPE	500
498643	25	19	M10	HDPE	1000
498644	30	20	M8	HDPE	250
498645	30	20	M10	HDPE	250
498646	35	21	M10	HDPE	250
498647	40	22	M10	HDPE	500
498649	50	30	M8	HDPE	250
498648	50	30	M10	HDPE	250

### Rectangular – Type 2 Metric

Part Number	Dimensions (mm)		Thread Size	Material	Standard Pack Quantity
	L	h			
499807	20 x 30	19	M10	HDPE	1000
498613	20 x 40	19	M8	HDPE	1000
498610	20 x 35	19	M8	HDPE	1000
499806	20 x 40	19	M10	HDPE	1000
498612	20 x 35	19	M10	HDPE	1000
498614	20 x 50	19	M10	HDPE	500
498615	20 x 50	19	M10	HDPE	500
498618	20 x 60	19	M8	HDPE	500
498617	25 x 50	22	M8	HDPE	500
498616	25 x 50	22	M10	HDPE	500
462385*†	60 x 30	16	M10	LDPE	250

\*Plain Shank †Wall thickness 2.0mm only

### Round – Type 2 Metric

Part Number	Dimensions (mm)		Thread Size	Material	Standard Pack Quantity
	L	h			
462371	16	34	M6	Nylon	3500
462372	16	34	M8	Nylon	3500
498619	18	18	M8	HDPE	1000
498620	20	18	M8	HDPE	1000
499809	20	19	M10	PP	2000
498621	22	19	M8	HDPE	1000
498622	22	19	M10	HDPE	500
462375	25	33	M6	Nylon	1000
498623	25	19	M8	HDPE	1000
498624	25	19	M10	HDPE	500
498626	28	19	M8	HDPE	500
498628	30	19	M8	HDPE	1000
498627	30	19	M10	HDPE	1000
498630	32	18	M8	HDPE	250
498629	32	19	M10	HDPE	1000
462377	38	25	M10	Nylon	650
466561	38	38	M8	HDPE	250
498633	40	19	M10	PP	250
498632	40	20	M10	HDPE	250
498634	45	21	M10	HDPE	500
498635	50	20	M8	HDPE	250
498636	50	21	M10	HDPE	500

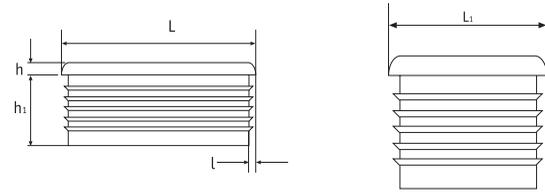
# THREADED INSERTS

## Metal-Threaded Inserts - Standard

SR 1571

HDPE with Steel Nut

- Standard-duty insert
- Ideal for use with adjustable feet, tilt glides and castors
- Metal thread allows smooth repeatable adjustment
- Grey threaded inserts are RAL 7042



Round



Square



Rectangular

### Round

Part Number		Dimensions (mm)				Thread Size	Standard Pack Quantity
Grey	Black	L	h	h1	l (gauge)		
551742	498560	19	5	20	1.0-1.5	M6	1000
551747	498561	20	5	20	1.0-1.5	M6	1000
551725	498562	20	5	20	1.0-1.5	M8	1000
551727	498563	25	5	20	1.0-1.5	M6	500
551726	498564	25	5	20	1.0-1.5	M8	1000
551735	498565	30	5	20	1.0-1.5	M8	500
551730	498566	30	5	20	1.0-1.5	M10	500
551731	498567	32	5	20	1.0-1.5	M8	500
-	498568	32	5	20	1.0-1.5	M10	1000
-	498569	35	5	20	1.0-1.5	M8	500
551733	498570	35	5	20	1.0-1.5	M10	250
551734	498571	38	5	20	1.0-1.5	M8	250
-	498572	38	5	20	1.0-1.5	M10	500
-	498573	38	5	20	1.0-1.5	M12	500
551723	498574	40	5	20	1.0-1.5	M8	250
551738	498575	40	5	20	1.0-1.5	M10	250
-	498576	40	5	20	1.0-1.5	M12	500
551721	498577	50	5	20	1.0-1.5	M8	100
551729	498578	50	5	20	1.0-1.5	M10	500
551746	498579	50	5	20	1.0-1.5	M12	100
551748	498580	60	5	20	1.0-1.5	M8	250
551739	498581	60	5	20	1.0-1.5	M10	100
-	498582	60	5	20	1.0-1.5	M12	100

### Square

Part Number		Dimensions (mm)				Thread Size	Standard Pack Quantity
Grey	Black	L	h	h1	l (gauge)		
551745	498583	19	5	20	1.0-1.5	M6	1000
-	498584	20	5	20	1.0-1.5	M6	1000
-	498585	20	5	20	1.0-1.5	M8	1000
551724	498586	25	5	20	1.0-1.5	M6	500
551717	498587	25	5	20	1.0-1.5	M8	500
551719	498588	30	5	20	1.0-1.5	M8	1000
551718	498589	30	5	20	1.0-1.5	M10	250
-	498590	35	5	20	1.0-1.5	M8	500
551743	498591	35	5	20	1.0-1.5	M10	500
551716	498592	40	5	20	1.0-1.5	M8	200
551715	498593	40	5	20	1.0-1.5	M10	500
551740	498594	40	5	20	1.0-1.5	M12	500
551720	498595	50	5	20	1.0-1.5	M8	100
551732	498596	50	5	20	1.0-1.5	M10	250
-	498597	50	5	20	1.0-1.5	M12	250

### Rectangular

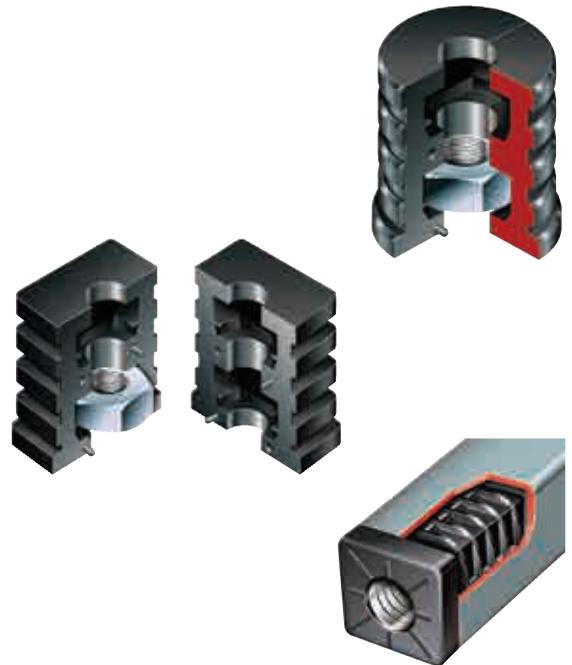
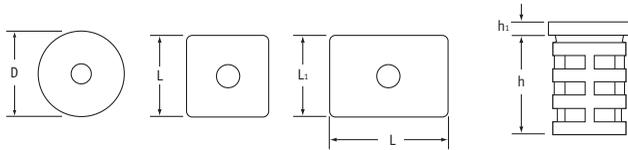
Part Number		Dimensions (mm)				Thread Size	Standard Pack Quantity
Grey	Black	L x L1	h	h1	l (gauge)		
551741	498598	30 x 20	5	20	1.0-1.5	M8	500
-	498599	30 x 20	5	20	1.0-1.5	M10	1000
551737	498600	40 x 20	5	20	1.0-1.5	M8	250
551749	498601	40 x 20	5	20	1.0-1.5	M10	500
-	498602	40 x 30	5	20	1.0-1.5	M8	500
-	498603	40 x 30	5	20	1.0-1.5	M10	500
-	498604	50 x 25	5	20	1.0-1.5	M8	250
551744	498605	50 x 25	5	20	1.0-1.5	M10	500
-	498606	50 x 30	5	20	1.0-1.5	M8	200
551736	498607	50 x 30	5	20	1.0-1.5	M10	500
551728	498608	60 x 30	5	20	1.0-1.5	M8	250
551722	498609	60 x 30	5	20	1.0-1.5	M10	250

## Metal-Threaded Inserts

SR 1571

Black Nylon 6 or HDPE

- Heavy-duty insert
- Ideal for use with adjustable feet, tilt glides and castors
- M8 or M10 thread with mild steel holding nut provides strong fixing
- Metal thread allows smooth repeatable adjustment
- Two-piece mouldings fit neatly together to fit into tubes



### Nylon Round Inserts (two piece moulding)

Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity
		Gauge	D	h1	h	
461361	M8	1.5	25	5	35	750
461367	M8	2.0	30	5	35	500
461368	M8	2.0	32	5	35	500
461369	M8	2.0	40	5	35	300
461362	M10	1.5	25	5	35	600
461370	M10	2.0	30	5	35	500
461371	M10	2.0	32	5	35	500
461363	M10	1.5	35	5	35	350
461372	M10	2.0	35	5	35	300
461364	M10	1.5	38	5	38	300
461365	M10	1.5	40	5	34	300
461373	M10	2.0	40	5	35	300
461366	M10	1.5	50	5	35	200
461374	M10	2.0	50	5	35	200

### Nylon Square Inserts (two piece moulding)

Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity
		Gauge	L	h1	h	
461351	M8	1.5	20	5	35	500
461352	M8	1.5	25	5	35	500
461353	M8	1.5	30	5	35	400
461357	M8	2.0	30	5	35	400
461354	M10	1.5	25	5	35	500
461355	M10	1.5	30	5	35	400
461358	M10	2.0	30	5	35	400
461359	M10	2.0	35	5	35	400
461356	M10	1.5	40	5	37	320
461360	M10	2.0	40	5	35	320

### Nylon Rectangular Inserts (two piece moulding)

Part Number	Thread Size	Dimensions (mm)				Standard Pack Quantity
		Gauge	L x L1	h1	h	
461375	M8	1.5	40 x 20	5	35	500
461376	M10	2.0	50 x 25	5	35	350

### HDPE Square Inserts

Part Number	Dimensions (mm)			Standard Pack Quantity
	L	Gauge	Thread Size	
PZMN300-1020M08	30	1.0 - 2.0	M8	500
PZMN300-1020M10	30	1.0 - 2.0	M10	500
PZMN400-RM10B	40	1.0 - 2.0	M10	250

### HDPE Round Inserts

Part Number	Dimensions (mm)		Thread Size	Standard Pack Quantity
	D	Gauge		
PZMR250-15RM10B	25	1.5	M10	500

### Extra Long HDPE Square Inserts

Part Number	Dimensions (mm)			Thread Size	Standard Pack Quantity
	L	Gauge	Thread Size		
PZML250-RM08B	25	1.0 - 2.0	M8	500	
PZML250-RM10B	25	1.0 - 2.0	M10	250	
PZML300-RM10B	30	1.0 - 2.0	M10	250	

### Threaded Metal Bush HDPE Square Inserts

Part Number	Dimensions (mm)		Thread Size	Standard Pack Quantity
	L	Gauge		
PZMS200-RM08B	20 x 20	1.0 - 2.0	M8	1000
PZMS250-RM08B	25 x 25	1.0 - 2.0	M8	500
PZMS250-RM10B	25 x 25	1.0 - 2.0	M10	500

# THREADED INSERTS

## All-Metal Threaded Inserts

SR 1567

Cast Aluminium Alloy

- For heavy-duty applications



### Round (Metric)

Part Number	Tube Size (mm)	Gauge (mm)	Thread Size	Standard Pack Quantity
PZAR320-15M10	32	1.5	M10	500
PZAR320-2M10	32	2.0	M10	500

### Square (Metric)

Part Number	Tube Size (mm)	Gauge (mm)	Thread Size	Standard Pack Quantity
PZAS250-15M10	25 x 25	1.5	M10	400
PZAS250-2M10	25 x 25	2.0	M10	400
PZAS300-15M10	30 x 30	1.5	M10	400
PZAS300-2M10	30 x 30	2.0	M10	400
PZAS400-15M10	40 x 40	1.5	M10	200
466585	40 x 40	2.0	M10	100
466584	40 x 40	2.5	M10	100

### Rectangular (Metric)

Part Number	Tube Size (mm)	Gauge (mm)	Thread Size	Standard Pack Quantity
PZAT500250-2M10	50 x 25	2.0	M10	300
PZAT500300-2M10	50 x 30	2.0	M10	250
PZAT600300-2M10	60 x 30	2.0	M10	200
PZAT600300-25M1	60 x 30	2.5	M10	200

## All-Metal Threaded Inserts - Steel

SR 1567

Steel

- For heavy-duty applications



### Round (Imperial)

Part Number	Tube Size (mm)	Tube Size (ins)	Gauge (mm)	Gauge	Thread Size	Standard Pack Quantity
PZFR254-16M10	25.4	1	1.6	16	M10	500
PZFR317-16M10	31.7	1¼	1.6	16	M10	250

### Square (Imperial)

Part Number	Tube Size (mm)	Tube Size (ins)	Gauge (mm)	Gauge	Thread Size	Standard Pack Quantity
PZFL254-18M08*	25.4 x 25.4	1 x 1	1.2	18	M8	500
PZFS254-16M10	25.4 x 25.4	1 x 1	1.6	16	M10	250

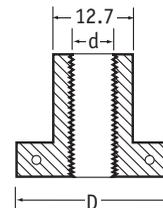
\*Light-duty style threaded, no bush.

## Hinged Threaded Insert

SR 1570

Black Nylon 6

- Insert into metal panel
- Use in conjunction with M8 adjustable foot or tilt glide



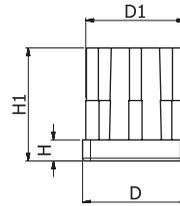
Part Number	Dimensions (mm)		Standard Pack Quantity
	d	D	
199479	8	20	5000

## Heavy Duty Square Threaded Inserts

SR 5437

Nylon with Nickel Plated Brass or Stainless Steel Inserts

- Interference fit
- Designed for use with machine feet
- Heavy duty for high load capacity



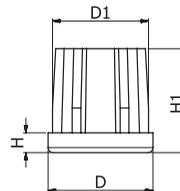
Part Number		Gauge (mm)	Thread Size	Dimensions (mm)				Maximum Static Load N	Standard Pack Quantity
Nickel Plated Brass Insert	Stainless Steel Insert			D	D1	H	H1		
493605	493622	1.5	M10	30	27.5	6	33	5500	24
493606	493623	1.5	M12	30	27.5	6	33	5500	24
493607	493624	1.5	M16	30	27.5	6	33	5500	24
493608	493625	1.5	M10	40	37.5	8	43	8000	24
493609	493626	1.5	M12	40	37.5	8	43	8000	24
493610	493627	1.5	M16	40	37.5	8	43	8000	24
493611	-	1.5	M20	40	37.5	8	43	8000	24
493612	493629	2.0	M10	40	36.5	8	43	8000	24
493613	493630	2.0	M12	40	36.5	8	43	8000	24
493614	493631	2.0	M16	40	36.5	8	43	8000	24
493615	493632	2.0	M20	40	36.5	8	43	8000	24
493616	493633	1.5	M12	50	47.5	10	55	9500	16
493617	493634	1.5	M16	50	47.5	10	55	9500	16
493618	-	1.5	M20	50	47.5	10	55	9500	16
493619	493636	2.0	M12	50	45.5	10	55	9500	16
493620	493637	2.0	M16	50	45.5	10	55	9500	16
-	493638	2.0	M20	50	45.5	10	55	9500	16

## Heavy Duty Round Threaded Inserts

SR 5438

Nylon with Nickel Plated Brass or Stainless Steel Inserts

- Interference fit
- Designed for use with machine feet
- Heavy duty for high load capacity



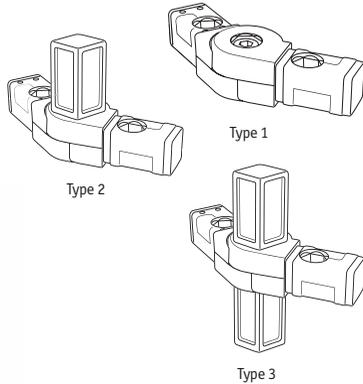
Part Number		Gauge (mm)	Thread Size	Dimensions (mm)				Maximum Static Load N	Standard Pack Quantity
Nickel Plated Brass Insert	Stainless Steel Insert			D	D1	H	H1		
493639	493656	1.0	M10	30	28.5	6	35	3200	24
493640	493657	1.0	M12	30	28.5	6	35	3200	24
493641	-	1.0	M16	30	28.5	6	35	3200	24
493642	493658	1.5	M10	38	35.5	8	43	5500	24
493643	493659	1.5	M12	38	35.5	8	43	5500	24
-	493660	1.5	M16	38	35.5	8	43	5500	24
493645	-	1.5	M10	42	39.5	8	42	6500	24
493646	493661	1.5	M12	42	39.5	8	42	6500	24
-	493662	1.5	M16	42	39.5	8	42	6500	24
493648	493663	1.5	M20	42	39.5	8	42	6500	24
493649	-	1.5	M10	48	45.5	11	49	8000	24
493650	493664	1.5	M12	48	45.5	11	49	8000	24
-	493665	1.5	M16	48	45.5	11	49	8000	24
493652	493666	1.5	M20	48	45.5	11	49	8000	24
493653	493667	1.5	M12	50	47.5	11	49	8500	24
493654	493668	1.5	M16	50	47.5	11	49	8500	24
493655	493669	1.5	M20	50	47.5	11	49	8500	24

# TUBE CONNECTORS

## Hinged Tube Connectors

SR 1532

Black Nylon



Part Number	Type	Tube Size (mm)	Angle Range (degrees)	Standard Pack Quantity
463683	1	25	45-195	200
463684*	1	25	45-195	200
463685	1	30	45-200	100
463686	2	25	45-195	100
463687*	2	25	45-195	100
463688	2	30	45-200	80
463689	3	25	45-195	100
463690*	3	20	45-195	100
463691	3	30	45-200	80

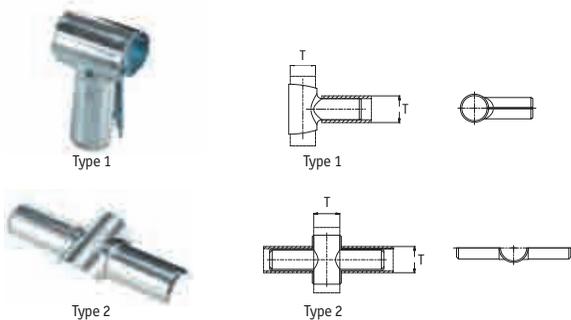
\*24 locking positions for secure fixing

## Clinch Fittings

SR 1633

Steel or Bright Zinc Plated

- Convenient and strong way to join tubes at right angles
- Use a spanner to compress fitting before insertion
- Set with hammer; drill and add rivet if required
- Type 2 requires two pieces per joint



Part Number		Type	Dimensions (imperial)		Dimensions (metric)		Standard Pack Quantity
Steel	BZP		Tube Size (T)	Gauge	Tube Size (T)	Gauge	
1220459	1220463	1	1	16	25.4	1.63	20
1220460	1220464	1	1.25	16	31.75	1.63	20
1220461	1220465	2	1	16	25.4	1.63	20
1220462	1220466	2	1.25	16	31.75	1.63	20

## Hose & Tube Connectors

SR 1935

Natural HDPE

- Ideal for both plastic and rubber flexible tubing



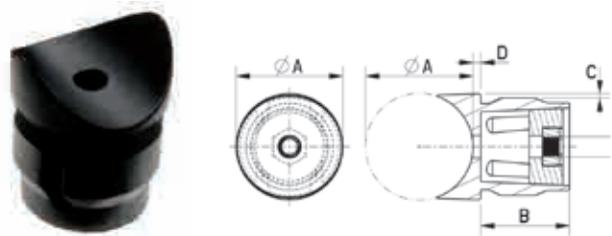
Part Number	Type	For tube with I/D (mm)	Standard Pack Quantity
12828	T-Shape	6.0	10000
199053	Y-Shape	11.0	2000

## Saddle Tube Connector

SR 5747

Black Nylon 6.6

- A solid T connection is created by using an M6 screw (not included)
- Suitable for furniture, constructions, stand builders and machinery



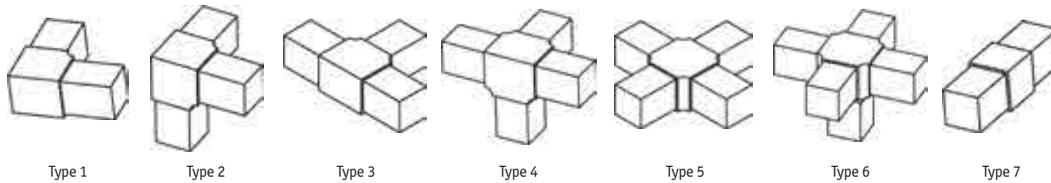
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
146001011401	15	20	1	2	25
146002511401	16	20	1	2	25
146003011401	18	20	1	2	25
146003511401	20	20	1	2	25
146004011401	22	20	1	2	25
146004511401	25	26	1	2	25
146005011401	26	26	1	2	25
146006011401	28	26	1	2	25
146006511401	30	26	1	2	25
146007011401	32	26	1	2	25

## Multi-Way Tube Connectors for Square Tubes

SR 1509

Nylon with or without Steel Core

- Now available in Black or Grey



### Nylon

Part Number		Dimensions		Type	Standard Pack Quantity
Black	Grey	Tube Size (mm)	Gauge (mm)		
463704	-	20	1.5	1	750
463705	-	20	1.5	2	300
490981	-	20	1.5	3	500
463706	-	20	1.5	4	250
490982	-	20	1.5	5	350
463707	-	20	1.5	6	50
490991	-	20	1.5	7	900
461347	-	25	1.5	1	250
461348	550298*	25	1.5	2	100
CIT-250-15-3WFN	550296*	25	1.5	3	250
461349	-	25	1.5	4	75
490983	550297*	25	1.5	5	150
461350	550300*	25	1.5	6	50
464538	-	25	1.5	7	300
461910	-	30	2.0	1	150
461911	-	30	2.0	2	100
490984	-	30	2.0	3	100
461912	-	30	2.0	4	75
490985	-	30	2.0	5	100
461913	-	30	2.0	6	50
490993	-	30	2.0	7	250

### Black Nylon with Metal Core

Part Number	Dimensions		Type	Standard Pack Quantity
	Tube Size (mm)	Gauge (mm)		
463708	20	1.5	1	200
463709	20	1.5	2	50
490986	20	1.5	3	200
463710	20	1.5	4	50
490987	20	1.5	5	150
463711	20	1.5	6	50
490992	20	1.5	7	50
CIT-250-15-2W	25	1.5	1	100
CIT-250-15-3WC	25	1.5	2	50
CIT-250-15-3WF	25	1.5	3	50
CIT-250-15-4W	25	1.5	4	50
CIT-250-15-4WF	25	1.5	5	50
CIT-250-15-5W	25	1.5	6	50
462364	25	1.5	7	100
CIT-300-02-2W	30	2.0	1	100
CIT-300-02-3WC	30	2.0	2	75
490988	30	2.0	3	120
CIT-300-02-4W	30	2.0	4	50
490989	30	2.0	5	60
490990	30	2.0	6	90
462365	30	2.0	7	75

NB: Connectors are supplied in two parts, held together when fitted, with the exception of codes marked \*, which come in one piece.

## Multi-Way Tube Connectors for Round Tubes

SR 1503

Black PE or Nylon

- Ideal for popular sizes of round tubing

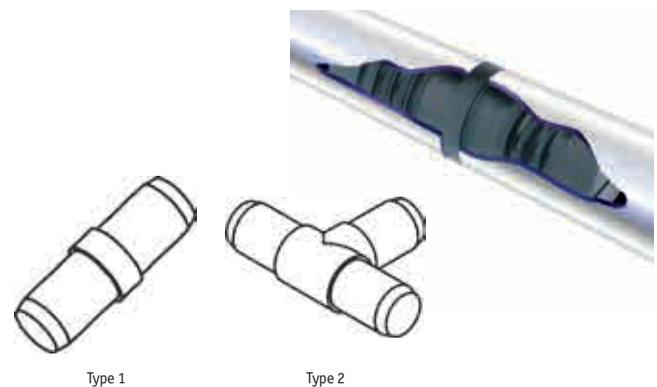
### Imperial without Metal Core (PE)

Part Number	To Fit Tube Size		Type	Standard Pack Quantity
	Dia (ins)	Gauge		
10712*	3/4	16/32	1	2000
199470	7/8	20	1	1000
600953	1	18	1	500
199469	1 1/4	20	1	500

\* High-density polyethylene.

### Metric with Metal Core (Nylon)

Part Number	Dimensions		Type	Standard Pack Quantity
	Tube Size (mm)	Gauge (mm)		
463696	20	1.5	1	325
463698	25	1.5	1	250
463700	30	1.5	1	125
463694	32	1.0	2	50
463702	32	1.5	1	125



### Metric without Metal Core (Nylon)

Part Number	Dimensions		Type	Standard Pack Quantity
	Tube Size (mm)	Gauge (mm)		
463697	20	1.5	1	1200
463693	20	1.0	2	120
463699	25	1.5	1	800
463701	30	1.5	1	500
463703	32	1.5	1	400

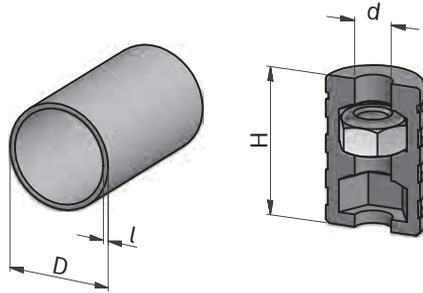
# TUBE CONNECTORS

## Round Expanding Tube Connectors

SR 6428

### Nylon

- Male and female parts sold separately
- Both male and female parts screw together, the screw and nut tighten to hold in place
- Male connectors have a stainless steel bolt
- Female connectors have a stainless steel nut



### Female part (with nut)

Part Number	Dimensions (mm)				Standard Pack Quantity
	D	l (Gauge)	H	d	
551759	16	1.0	42	M6	800
550307	19	1.5	39	M6	800
550314	20	1.0	42	M8	400
551766*	20	2.0	42	M8	400
551761	22	1.5	42	M6	600
550318	22	1.0	42	M8	400
550321	22	1.2	42	M8	400
550309	25	1.5	42	M6	600
550325	25	1.5	42	M8	350
550308	28	1.5	41	M6	300
550329	28	2.0	42	M8	300
551763	30	2.0	35	M6	300
550333	30	1.5	42	M8	300
550337	30	2.0	42	M8	300
550341	30	1.5	42	M10	200
551770	32	1.5	42	M10	200
550345	35	1.5	42	M10	200
551772	35	2.0	43	M10	250
550349	38	1.2	42	M10	150

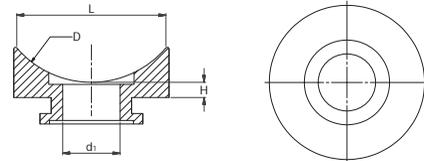
### Male part (with bolt)

Part Number	Dimensions (mm)			Thread Length	Thread Size	Standard Pack Quantity
	D	l (Gauge)	H			
551758	16	1.0	42	30	M6	800
550304	19	1.5	39	30	M6	800
551764	20	1.0	42	30	M8	400
551765*	20	2.0	42	30	M8	400
551760	22	1.5	42	30	M6	600
550317	22	1.0	42	30	M8	400
550320	22	1.2	42	30	M8	400
550306	25	1.5	42	30	M6	600
550324	25	1.5	42	30	M8	350
550305	28	1.5	41	30	M6	300
550328	28	2.0	42	30	M8	300
551762	30	2.0	35	30	M6	300
550332	30	1.5	42	30	M8	300
550336	30	2.0	42	30	M8	300
550340	30	1.5	42	30	M10	200
551769	32	1.5	42	30	M10	200
550344	35	1.5	42	30	M10	200
551771	35	2.0	43	30	M10	200
550348	38	1.2	42	30	M10	150

\*Parts do not fit the saddle connectors

## Saddle Connectors

- Suitable for the M8 range of expander connectors (SR 6428)
- Fits to the top of the connector to attach a horizontal tube



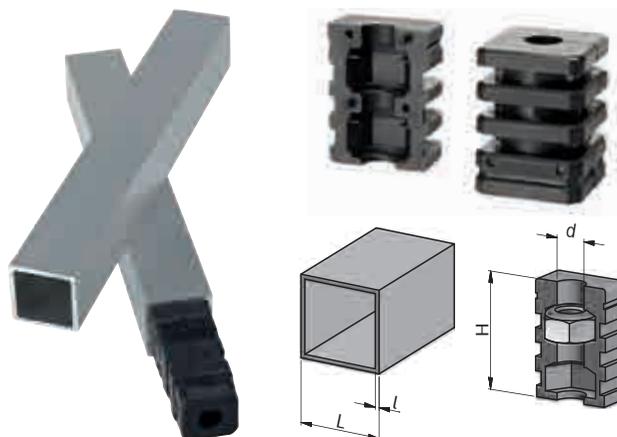
Part Number	Dimensions (mm)				Standard Pack Quantity
	L	d1	H	D	
550437	22	M8	2	13.5	500
550438	28	M8	2	13.5	500

## Square Expanding Tube Connectors

SR 6428

Nylon

- Male and female parts sold separately
- Both male and female parts screw together, the screw and nut tighten to hold in place
- Male connectors have a stainless steel bolt
- Female connectors have a stainless steel nut



Female part (with nut)

Part Number	Dimensions (mm)			d	Standard Pack Quantity
	L	l (Gauge)	H		
550362	25	1.5	42	M8	300
550373	25	1.5	42	M10	200
551751	30	1.5	41	M8	500
551753	30	2.0	41	M8	250
550374	30	1.5	42	M10	150
550375	30	2.0	41	M10	150
550385	35	2.0	42	M10	150
550376	40	2.0	42	M10	150
551755	40	1.2	40	M12	100
551757	45	1.5	40	M10	100

Male part (with bolt)

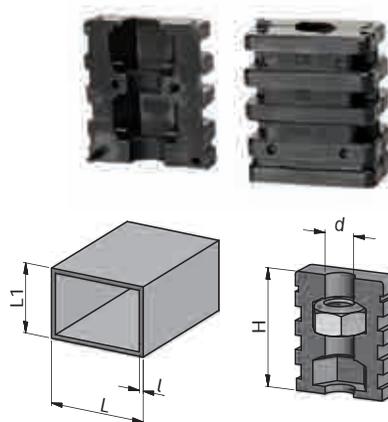
Part Number	Dimensions (mm)			Thread Length	Thread Size	Standard Pack Quantity
	L	l (Gauge)	H			
550360	25	1.5	42	30	M8	300
550369	25	1.5	42	30	M10	200
551750	30	1.5	41	30	M8	250
551752	30	2.0	41	30	M8	250
550370	30	1.5	42	30	M10	150
550371	30	2.0	41	30	M10	150
550383	35	2.0	42	30	M10	150
550372	40	2.0	42	30	M10	150
551754	40	1.2	40	30	M12	100
551756	45	1.5	40	30	M10	100

## Rectangular Expanding Tube Connectors

SR 6428

Nylon

- Male and female parts sold separately
- Both male and female parts screw together, the screw and nut tighten to hold in place
- Male connectors have a stainless steel bolt
- Female connectors have a stainless steel nut



Female part (with nut)

Part Number	Dimensions (mm)			d	Standard Pack Quantity
	L x L1	l (Gauge)	H		
550394	30 x 20	1.5	41	M6	500
550403	30 x 20	1.5	41.5	M8	300
550404	40 x 20	1.5	42	M8	300
551768	40 x 25	1.5	42	M8	200
550424	40 x 25	2.0	42	M10	200
550425	50 x 25	2.0	37	M10	150
550426	50 x 30	2.0	38	M10	150

Male part (with bolt)

Part Number	Dimensions (mm)			Thread Length	Thread Size	Standard Pack Quantity
	L x L1	l (Gauge)	H			
550392	30 x 20	1.5	41	30	M6	500
550400	30 x 20	1.5	41.5	30	M8	300
550401	40 x 20	1.5	42	30	M8	300
551767	40 x 25	1.5	42	30	M8	300
550417	40 x 25	2.0	42	30	M10	200
550418	50 x 25	2.0	37	30	M10	150
550419	50 x 30	2.0	38	30	M10	150

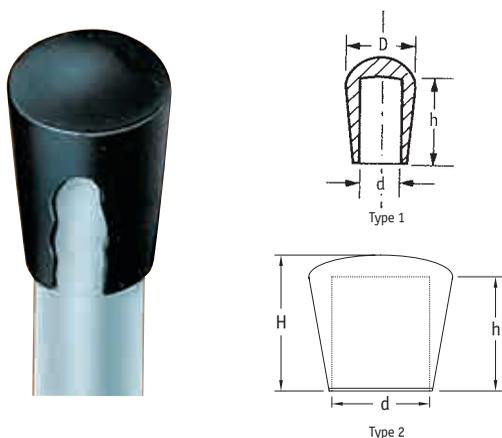
# FERRULES

## Tapered Ferrules

SR 1520

PVC

- Choice of black or white
- Ideal as protective cap for protruding wire, steel rods or bars
- Give neat finish to tubular products
- Flexible for easy fitting



### Type 1 (Imperial) - Black

Part Number	Dimensions						Standard Pack Quantity
	d		D		h		
	(ins)	(mm)	(ins)	(mm)	(ins)	(mm)	
50323	3/16	4.8	13/32	10.3	15/32	11.9	10000
50379	1/4	6.3	13/32	10.3	15/32	11.9	10000
12923	5/16	7.9	1/2	12.7	9/16	14.3	10000
60423*	5/16	7.9	33/64	15.5	29/32	20.0	5000
50978	3/8	9.5	13/32	15.1	5/8	15.8	2500
51110*	1/2	12.7	47/64	18.6	29/32	23.0	4000

\*Low-density polyethylene.

### Type 2 (Metric)

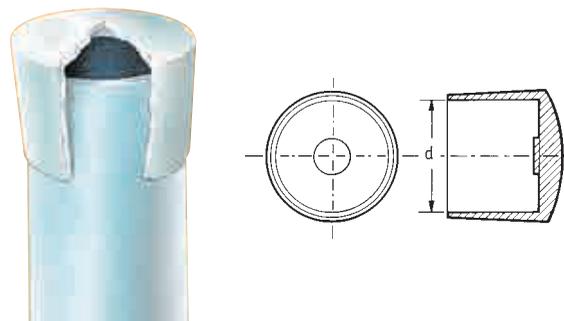
Part Number		Dimensions			Standard Pack Quantity
Black	White	d	H	h	
1251366	-	4.0	11.0	9.0	5000
1251379	-	5.0	13.0	10.0	5000
1251354	-	6.0	14.0	11.0	5000
1251362	1251363	8.0	16.0	13.0	5000
1251356	1251357	10.0	18.0	14.0	5000
1251364	1251365	12.0	21.0	17.0	3000
1251360	1251361	14.0	23.0	18.0	2000
1284230	1284231	16.0	25.0	20.0	2500
1251370	1251371	18.0	27.0	22.0	2000
1251352	-	20.0	30.0	24.0	1000
1251350	-	22.0	32.0	26.0	1000
1251358	1251359	25.0	36.0	30.0	750
1251376	1251378	28.0	38.0	32.0	500
1251374	-	30.0	41.0	34.0	500
1251368	1251369	32.0	43.0	39.0	400
1251372	-	35.0	47.0	40.0	250

## Round Ferrules

SR 1510

LDPE

- Choice of black or white
- Gives neat finish to tubular products
- Gloss finish as standard



### Imperial

Part Number		Dimensions		Standard Pack Quantity
		d		
Black	White	(ins)	(mm)	
51216	-	7/16	11.1	10000
10497	50829	1/2	12.7	10000
52047	52048	5/8	15.8	5000
10260	10258	3/4	19.0	4000
11761*	-	3/4	19.0	2500
10257	10256	7/8	22.2	2500
10265	10263	1	25.4	1500
50248	10519	1 1/16	26.9	600
12000	52001	1 1/8	28.6	1200
11143	12358	1 1/4	31.7	800
199124	-	1 3/8	34.9	1000
199050	-	1 1/2	38.1	500
199039	-	1 3/4	44.4	500
199205	-	2	50.8	300
199082	-	3	76.2	150

\*Heavy-duty ferrule.

### Metric

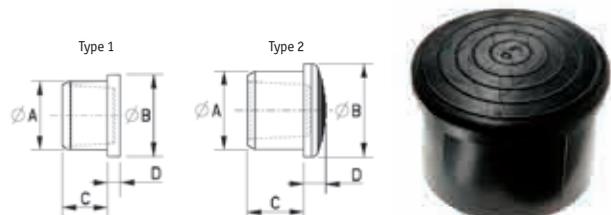
Part Number		Dimensions (mm)	Standard Pack Quantity
Black	White	d	
460843	-	15.0	2000
460844	460854	16.0	2500
465377	465374	18.0	2500
465373	600252	20.0	2000
460847	460857	22.0	2000
460848	460858	24.0	2000
465372	465483	25.0	2000
460850	460860	26.0	2000
465376	-	28.0	2000
465375	465371	30.0	1500

## Tube Plug

SR6461

Black LDPE or PVC

- Strong yet flexible to fit in tube ends
- Neat finish through small collar
- Type 1 LDPE, Type 2 PVC



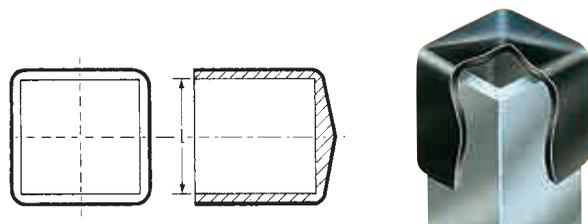
Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	Type	
045080022003	8	11	8	2.5	1	500
045100022003	10	13	8	2.5	1	500
045120022003	12	15	10	3	1	500
045130022003	13	16	10	3	1	500
045140022003	14	17	10	3	1	500
045150022003	15	18	10	3	1	500
045160022003	16	19	12	3.5	1	500
045170022003	17	20	12	3.5	1	500
045180022003	18	22	12	3.5	1	500
045190069907	19	25	20	6	2	100
045200069907	20	25	20	7	2	100
045210069907	21	26	20	7	2	100
045220011407	22	27	20	7	2	100
045230069907	23	29	20	7	2	100
045240069907	24	29	20	8	2	100
045250069907	25	30	20	8	2	100
045260069907	26	32	20	9	2	100
045270069907	27	31	20	9	2	100
045280011407	28	35	22	7	2	100
045290011407	29	36	22	7	2	50
045400069907	40	45	25	9	2	10

## Square Ferrules

SR 1521

Black LDPE

- Ideal for popular sizes of square tubes



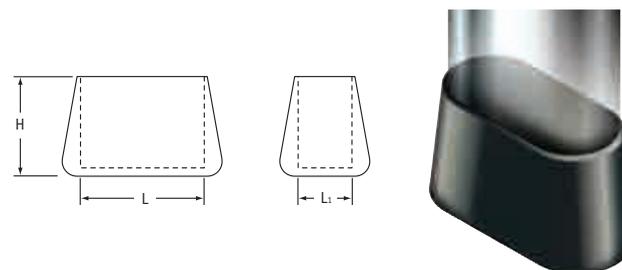
Part Number	Dimensions		Standard Pack Quantity
	(ins)	(mm)	
199019	¾	15.8	4000
10225	¾	19.0	3000
199257	¾	22.2	2000
199010	1	25.4	1000
199223	2	50.8	250

## Oval Ferrule

SR 1522

Black PVC

- Provide neat finish to oval-shaped tubes
- Cover sharp tube edges
- Flexible and easy to fit



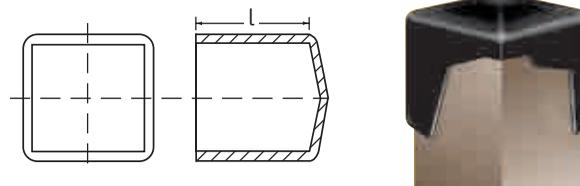
Part Number	Dimensions		Standard Pack Quantity
	L x Li	H	
465370	30 x 15	24.0	1500

## Square Gloss Caps

SR 1523

Black Flexible PVC

- Ideal for finishing tubular products
- Flexible and easy to fit
- Give attractive gloss finish



Part Number	Dimensions			Standard Pack Quantity
	D (mm)	D (ins)	L (mm)	
SQWA-0127-015	12.7	-	15.0	5000
SQWA-0159-015	16.0	¾	15.0	2500
SQWA-0190-015	19.0	¾	15.0	2500
SQWA-0200-015	20.0	-	15.0	5000
SQWA-0250-015	25.0	1	15.0	1250
SQWA-0127-025	12.7	-	25.0	4000
SQWA-0159-025	16.0	¾	25.0	2500
SQWA-0190-025	19.0	-	25.0	2000
SQWA-0200-025	20.0	-	25.0	1250
SQWA-0250-025	25.0	1	25.0	1000
SQWA-0300-025	30.0	-	25.0	1000
SQWA-0400-025	40.0	-	25.0	500
SQWA-0500-025	50.0	-	25.0	400
SQWA-0300-040	30.0	-	40.0	500
SQWA-0400-040	40.0	-	40.0	400
SQWA-0500-040	40.0	2	40.0	200

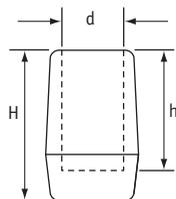
# FERRULES

## Heavy-Duty Round Ferrules

SR 1516

Black PVC

- Heavy-duty ferrule with flat thick base
- Ideal for protecting tubular products
- Thick base gives extra protection from rough edges



Part Number	Dimensions (mm)			Standard Pack Quantity
	d	H	h	
465365	10.0	28.0	22.0	2000
465367	12.0	31.0	24.0	2000
465366	16.0	36.0	29.0	1000
465369	18.0	38.0	31.0	1000
465368	20.0	40.0	33.0	750

## Gloss End Tips

SR 1506

Flexible PVC

- Choice of black or white
- Durable high-gloss, smooth finish
- Ideal finish for product presentation and protection



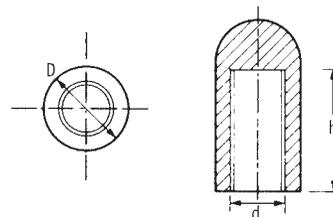
Part Number		Dimensions (mm)		Standard Pack Quantity
Black	White	Internal Diameter	Internal Length	
DM0093-1/2A	-	2.4	13.0	5000
FCWA-0032-013	FCWB-0032-013	3.2	13.0	5000
FCWA-0040-013	FCWB-0040-013	4.0	13.0	5000
FCWA-0048-014	FCWB-0048-014	4.8	14.0	5000
FCWA-0060-010	FCWB-0060-010	6.0	10.0	5000
FCWA-0060-013	FCWB-0059-013	6.0	13.0	5000
FCWA-0064-013	FCWB-0064-013	6.4	13.0	5000
FCWA-0079-013	FCWB-0079-013	7.9	13.0	5000
FCWA-0095-013	FCWB-0095-013	9.5	13.0	5000

## End Tips

SR 1500

PVC

- Choice of black or white
- Add protection or a neat finish to a wide range of applications



Part Number		Dimensions (mm)			Standard Pack Quantity
Black	White	d	H	h	
10461	50987	2.4	6.6	5.6	20000
11343	10395	2.7	12.2	6.3	20000
110476	110477	3.0	9.7	5.5	20000
12351	-	3.2	5.1	5.5	20000
11227	10393	3.2	14.2	7.0	20000
11794	61797	3.2	9.7	5.5	20000
12352	50256	4.0	13.3	6.2	20000
110593	110596	4.0	9.2	5.5	20000
10565	50288	4.8	14.2	7.0	20000
10870	12889	5.0	20.3	7.9	10000
199462	-	6.0	11.0	8.5	20000
10427	51237	6.3	15.5	8.7	10000
51033*	-	6.4	10.4	7.9	20000
12635*	-	6.4	13.2	9.5	10000
12888	10855	7.0	18.0	9.8	10000
10283	51378	7.6	17.0	11.0	10000
51320*	-	7.9	13.2	9.5	20000
12355	10384	8.0	24.2	10.5	10000
51114*	51297	9.5	13.3	11.1	15000

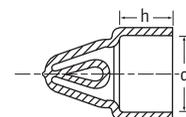
\*Flat head

## Hanger Caps

SR 1512

Black Flexible PVC

- Attractive caps with convenient hanger
- Flexible for easy fitting
- Weather resistant



Part Number	Dimensions		h	Standard Pack Quantity
	d			
	(ins)	(mm)		
HCWA-0222-030	7/8	22.2	30	1000
HCWA-0254-030	1	25.4	30	1500

## Ball End Caps

SR 1634

LDPE

- Heavy duty glide which enhances the leg design
- May also be used as a decorative top or finial
- Secure press fit



Part number	Dimensions (mm)		Dimensions (ins)		Standard Pack Quantity
	Diameter	Tube Size	Diameter	Tube Size	
BC010A	15.9	7.9	0.625	0.312	10000
BC015A	22.2	12.7	0.875	0.5	4300
BC020A	25.4	15.9	1	0.625	3000

## Tube Adjusters with Thumb Screw

SR 1503

Nylon

- For fixing telescopic tubes in position

Part Number	To Fit Tube Size	Colour	Standard Pack Quantity
199510	5/8" & 3/4"	Natural	1000
199513	5/8" & 3/4"	Black	1000
199528	5/8" & 20mm	Natural	1000
199516	3/4" & 7/8"	Natural	1500
199519	3/4" & 7/8"	Black	1000
199522	1" & 7/8"	Natural	1000
199525	1" & 7/8"	Black	1000



## Anti-Rattle Rings

SR 1508

Black or Grey PVC

- Ideal for finishing telescopic tubes

Part Number		To Fit Tube Size	Standard Pack Quantity
Black	Grey		
199466	199467*	7/8" - 3/4"	1250
199452	199453	1" - 7/8"	2500

\*Pack Qty = 2000

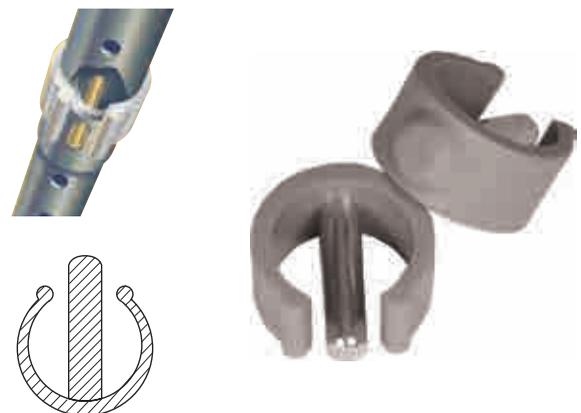


## Tube Locks

SR 1508

Dark Grey Polypropylene

- Secure two telescopic tubes in place
- Metal pin provides additional strength
- Reusable
- Easy to install by drilling 1/4" hole through tube, to enable tube lock to snap into place



Part Number	To Fit Tube Size	To Fit Tube Size (mm)	Dimensions (mm)		Standard Pack Quantity
			Pin Diameter	Pin Length	
497452	3/4" - 7/8"	19.1 - 22.2	6	25	1000
497453	7/8" - 1"	22.2 - 25.4	6	28	1000

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760



764



765



766



767



769



772



773



774



775

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AVAILABLE

# FURNITURE AND TRANSIT PROTECTION



SCREW AND NUT COVER CAPS

760



TRANSIT PROTECTION

772

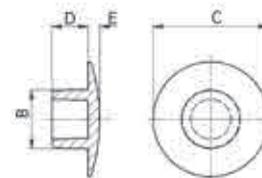
# SCREW AND NUT COVER CAPS

## Socket Head Screw Caps

SR 1813

LDPE

- Quick and neat finishing for inside hexagon screws
- Provides protection against dust and dirt



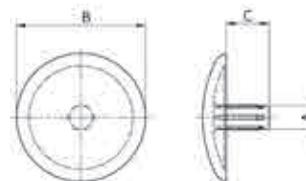
Part Number			To fit socket head cap screw	Dimensions (mm)				Standard Pack Quantity
Grey	White	Black		B	C	D	E	
039000500203	039000511303	039000522003	M5	4.2	9	2.5	1.3	1000
039000600203	039000611303	039000622003	M6	5.2	10	3.1	1.4	1000
039000800203	039000811303	039000822003	M8	6.2	13	4.0	1.5	1000
039001000203	039001011303	039001022003	M10	8.2	16	5.0	1.6	500
039001200203	039001211303	039001222003	M12	10.3	18	6.4	1.8	500
039001600203	039001611303	039001622003	M16	14.4	24	7.0	2.2	500
039002000203	039002011303	039002022003	M20	17.4	30	9.0	2.5	500

## Rivet Caps

SR 1814

LDPE

- Quick and neat finish for screws



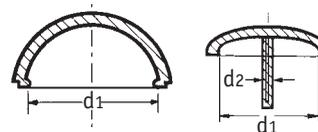
Part Number		Dimensions (mm)			Standard Pack Quantity
White	Black	A	B	C	
064251211303	064251222003	2.5	12	4	1000
064261260003	064261269903	2.6	12	6	1000
064321260003	064321269903	3.2	12	6	1000
064321560003	064321569903	3.2	15	6	1000

## Blind Rivet Caps

SR 1804

HDPE

- Remains flexible and is resistant to changing weather conditions



Part Number				Dimensions (mm)		Standard Pack Quantity
Black	White	Beige	Grey	d1	d2	
065180711404	065180716404	065180715404	065180731804	6.8	1.9	500
065181011404	065181016404	-	065181031804	10.2	1.85	500
065230811404	065230816404	065230815404	065230831804	8.4	2.3	500
065231311404	065231316404	-	065231331804	12.7	2.3	500
065271011404	065271016404	065271015404	065271031804	10.1	2.7	500
065271511404	065271516404	065271515404	065271531804	14.6	2.7	500
065281269903	065281260003	-	-	11.4	2.8	1000
065321311404	065321316404	065321315404	-	12.6	3.2	500
065371311404	065371316404	-	-	13.3	3.7	500

## Torx Caps

SR 1816

LDPE

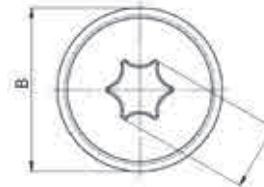
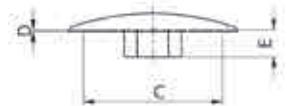
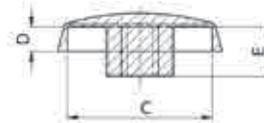
- Quick and neat finish of various torx screws
- Type 1 for non-countersunk screws
- Type 2 for countersunk screws



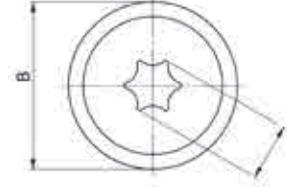
Type 1



Type 2



Torx No.



Torx No.

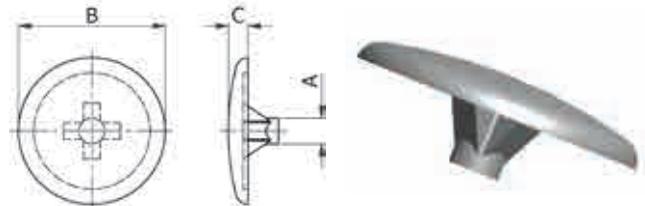
Part Number			Type	Torx Size	Dimensions (mm)				Standard Pack Quantity
Black	Grey	White			B	C	D	E	
158000559903	158000531803	158000516403	1	25	16.5	13	2.7	4.1	500
158001059903	158001031803	158001016403	1	30	16.5	14.4	3.3	1.6	500
158001559903	158001531803	158001516403	1	40	16.2	14.2	2.6	4.8	500
158010559903	158010531803	158010516403	2	10	12.0	-	0	1.2	500
158011059903	158011031803	158011016403	2	15	12.0	-	1.6	1.5	500
158011559903	158011531803	158011516403	2	20	11.5	-	2.1	1.6	500
158012059903	158012031803	158012016403	2	25	14.6	12.8	0.3	2.4	500
158012559903	158012531803	158012516403	2	30	16.2	13.5	0.5	2.4	500
158013059903	158013031803	158013016403	2	40	18.0	15.2	0.1	2.4	500

## Pozidrive Screw Caps

SR 1815

LDPE

- Quick and neat finish for screws
- Available in various colours



RAL Colours

Pure White  
9010



Silver Grey  
7001



Ochre Brown  
8001



Chocolate Brown  
8017



Clay Brown  
8003



Black  
9005



Printing limitations may prevent exact colour representation.

Part Number	Colour/RAL	Pozidrive Screw Size	Dimensions (mm)			Standard Pack Quantity
			A	B	C	
119000260003	Pure White/9010	No.2	2.0	12.0	1.6	1000
119000261003	Silver Grey/7001	No.2	2.0	12.0	1.6	1000
119000268003	Ochre Brown/8001	No.2	2.0	12.0	1.6	1000
119000268103	Clay Brown/8003	No.2	2.0	12.0	1.6	1000
119000268203	Chocolate Brown/8017	No.2	2.0	12.0	1.6	1000
119000269903	Black/9005	No.2	2.0	12.0	1.6	1000
119000360003	Pure White/9010	No.3	3.0	15.0	2.0	1000
119000361003	Silver Grey/7001	No.3	3.0	15.0	2.0	1000
119000368003	Ochre Brown/8001	No.3	3.0	15.0	2.0	1000
119000368103	Clay Brown/8003	No.3	3.0	15.0	2.0	1000
119000368203	Chocolate Brown/8017	No.3	3.0	15.0	2.0	1000
119000369903	Black/9005	No.3	3.0	15.0	2.0	1000

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# HERE ARE A FEW OF OUR **NEW** **PRODUCTS**



**CAPS &  
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Pages 10-65



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Page 776-870

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## Unicaps

SR 1801

Polypropylene

- Cap and washer conceals and protects exposed screws or bolts
- Available in a wide variety of colours

### Standard Colours



### Metallised Colours



\*These colours may not be available from stock, please contact our sales team for more information. Printing limitations may prevent exact colour representation.

### High Profile Caps

Part Number	Colour	Dimensions (mm)		To Fit Screw Gauge	Standard Pack Quantity
		Height	Outside Diameter		
35700	White	6.5	16.3	Up to 12 (M5)	2500
35706	Off White	6.5	16.3	Up to 12 (M5)	2500
35710	Stone	6.5	16.3	Up to 12 (M5)	2500
35729	Teak	6.5	16.3	Up to 12 (M5)	2500
35766	Orange	6.5	16.3	Up to 12 (M5)	2500
35770	Morning Grey	6.5	16.3	Up to 12 (M5)	2500
35771	Pantone Grey	6.5	16.3	Up to 12 (M5)	2500
35772	Silver Grey	6.5	16.3	Up to 12 (M5)	2500
35773	Flint	6.5	16.3	Up to 12 (M5)	2500
35774	Osprey	6.5	16.3	Up to 12 (M5)	2500
35780	Black	6.5	16.3	Up to 12 (M5)	2500
35781	Stainless Steel	6.5	16.3	Up to 12 (M5)	2500
35782	Silver	6.5	16.3	Up to 12 (M5)	2500

# SCREW AND NUT COVER CAPS

## Unicaps CONTINUED

SR 1801

Polypropylene



High-profile caps



Low-profile caps



36403



36400

### Low Profile Caps

Part Number	Colour	Dimensions (mm)		To Fit Screw Gauge	Standard Pack Quantity
		Height	Outside Dia.		
13000	White	4.2	10.0	3 (M3)	2500
13006	Off White	4.2	10.0	3 (M3)	2500
13010	Stone	4.2	10.0	3 (M3)	2500
13029	Teak	4.2	10.0	3 (M3)	2500
13066	Orange	4.2	10.0	3 (M3)	2500
13070	Morning Grey	4.2	10.0	3 (M3)	2500
13071	Pantone Grey	4.2	10.0	3 (M3)	2500
13072	Silver Grey	4.2	10.0	3 (M3)	2500
13073	Flint	4.2	10.0	3 (M3)	2500
13074	Osprey	4.2	10.0	3 (M3)	2500
13080	Black	4.2	10.0	3 (M3)	2500
13081	Stainless Steel	4.2	10.0	3 (M3)	2500
13082	Silver	4.2	10.0	3 (M3)	2500
13083	Gold	4.2	10.0	3 (M3)	2500
13200	White	4.5	13.2	Up to 8 (M4)	2500
13206	Off White	4.5	13.2	Up to 8 (M4)	2500
13210	Stone	4.5	13.2	Up to 8 (M4)	2500
13229	Teak	4.5	13.2	Up to 8 (M4)	2500
13270	Morning Grey	4.5	13.2	Up to 8 (M4)	2500
13271	Pantone Grey	4.5	13.2	Up to 8 (M4)	2500
13272	Silver Grey	4.5	13.2	Up to 8 (M4)	2500
13273	Flint	4.5	13.2	Up to 8 (M4)	2500
13274	Osprey	4.5	13.2	Up to 8 (M4)	2500
13280	Black	4.5	13.2	Up to 8 (M4)	2500
13281	Stainless Steel	4.5	13.2	Up to 8 (M4)	2500
13282	Silver	4.5	13.2	Up to 8 (M4)	2500
13283	Gold	4.5	13.2	Up to 8 (M4)	2500
13400	White	4.8	16.2	Up to 12 (M5)	2500
13406	Off White	4.8	16.2	Up to 12 (M5)	2500
13410	Stone	4.8	16.2	Up to 12 (M5)	2500
13429	Teak	4.8	16.2	Up to 12 (M5)	2500
13466	Orange	4.8	16.2	Up to 12 (M5)	2500
13470	Morning Grey	4.8	16.2	Up to 12 (M5)	2500
13471	Pantone Grey	4.8	16.2	Up to 12 (M5)	2500
13472	Silver Grey	4.8	16.2	Up to 12 (M5)	2500
13473	Flint	4.8	16.2	Up to 12 (M5)	2500
13474	Osprey	4.8	16.2	Up to 12 (M5)	2500
13480	Black	4.8	16.2	Up to 12 (M5)	2500
13481	Stainless Steel	4.8	16.2	Up to 12 (M5)	2500
13482	Silver	4.8	16.2	Up to 12 (M5)	2500
13483	Gold	4.8	16.2	Up to 12 (M5)	2500



35799

- Part 35799 is suitable for all Unicaps starting 134
- Part 36400 is suitable for all Unicaps starting 132

### Other Unicap Components

Part Number	O.D. of Washer (mm)	I.D. of Hole (mm)	Colour	To Fit Screw Gauge
35799	14.7	6.5	White	Up to M6
36403*	16.0	4.0	Natural	Up to 8g (M4)
36400*	11.3	3.5	Natural	Up to 8g (M4)

\*Low-density polyethylene.

- For correct washer size required - match screw gauge

### Washers

Part Number	Height	To Fit Screw Gauge	Standard Pack Quantity
35599	4.7	5 (M3.5)	2500
13299	4.5	Up to 8 (M4)	2500
13499	4.8	Up to 12 (M5)	2500
14399	8.4	Up to M6	2500
13099	4.2	Up to 3 (M3)	2500

## Cover Caps

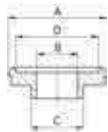
SR 1811

Nylon or LDPE\*

- Available in various styles and colours
- For decorative and protective purpose
- Optional Washer - order separately
- For correct washer size required - match 'A' dimensions
- Other RAL colours available



Washers



Type 1



Type 2

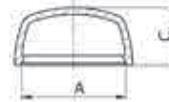


Type 3

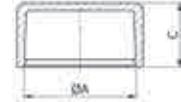
Caps



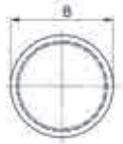
Type 1



Type 2



Type 3



Type 1-4

## Caps

Part Number				Type	Dimensions (mm)			Standard Pack Quantity
Black	Grey	Brown	White		A	B	C	
006103222003*	006103200203*	006103207603*	006103211303*	1	8.5	10.5	4.3	500
006104259901	006104200201	006104207601	006104250001	1	10.8	12.2	5.9	500
006105259901	006105200201	006105207601	006105250001	1	12.8	14.5	6.5	500
006106259901	006106200201	006106207601	006106250001	1	14.8	16.5	7.5	500
006108259901	006108200201	006108207601	006108250001	1	18.8	20.6	10.2	500
006204259901	006204200201	006204207601	006204250001	2	10.8	12.2	6	500
006205259901	006205200201	006205207601	006205250001	2	12.8	14.2	8	500
006206259901	006206200201	006206207601	006206250001	2	14.8	16.6	9	500
006208259901	006208200201	006208207601	006208250001	2	18.8	21.3	12	250
006210259901	006210200201	006210207601	006210250001	2	24	26.3	15.5	250
006404259901	006404200201	-	006404250001	3	10.8	12.2	6.2	250
006405259901	006405200201	006405207601	006405250001	3	12.8	14.2	7.0	250
006406259901	006406200201	006406207601	006406250001	3	14.8	16.5	8.5	250
006408259901	006408200201	006408207601	006408250001	3	18.8	20.6	10.8	250
006410259901	006410200201	-	006410250001	3	24	26.1	12.8	250

## Washers - Natural Nylon

Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		A	B	C	D	
006004100001	1	10.8	4.2	5.9	8.8	500
006005100001	1	12.8	5.2	6.9	10.8	500
006006100001	1	14.8	6.2	7.9	12.5	500
006008100001	1	18.8	8.3	9.8	16.5	250
006010100001	1	24	10.4	11.8	21	250
006103100001	2	8.5	6	3.2	-	500
006104100001	2	10.8	8.6	4.2	-	500
006105100001	2	12.8	10.8	5.2	-	500
006106100001	2	14.8	12.8	6.4	-	500
006108100001	2	18.8	16.8	8.4	-	500
006210100001	2	24	21	10.5	-	250
006304100001	3	10.8	3.2	-	-	250
006305100001	3	12.8	4.3	-	-	250
006306100001	3	14.8	5.3	-	-	250
006308100001	3	18.8	6.4	-	-	250

# SCREW AND NUT COVER CAPS

## Adhesive Cover Caps

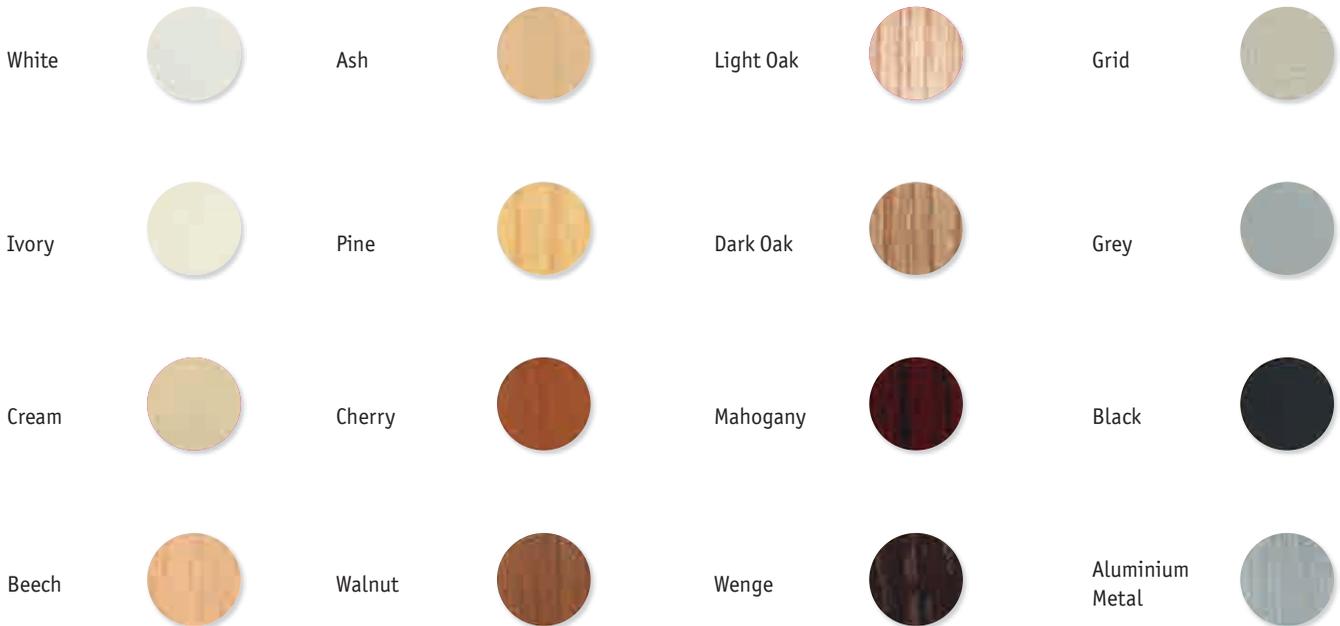
SR 1600

ABS

- Caps to cover screw holes
- Adhesive backing
- Available in 16 different furniture finish colours



### Standard Colours



Part Number	Colour	Diameter (mm)	Pieces per sheet
499369	White	13	20
499370	Grid	13	20
499371	Light Oak	13	20
499379	Ivory	13	20
499380	Cream	13	20
499381	Black	13	20
499382	Grey	13	20
499383	Cherry	13	20
499384	Beech	13	20
499385	Ash	13	20
499386	Mahogany	13	20
499387	Walnut	13	20
499388	Pine	13	20
499389	Dark Oak	13	20
499390	Wenge	13	20
499391	Aluminium Metal	13	20

Part Number	Colour	Diameter (mm)	Pieces per sheet
499372	White	20	15
499373	Grid	20	15
499374	Light Oak	20	15
499392	Ivory	20	15
499393	Cream	20	15
499394	Black	20	15
499395	Grey	20	15
499396	Cherry	20	15
499397	Beech	20	15
499398	Ash	20	15
499399	Mahogany	20	15
499400	Walnut	20	15
499401	Pine	20	15
499402	Dark Oak	20	15
499403	Wenge	20	15
499404	Aluminium Metal	20	15

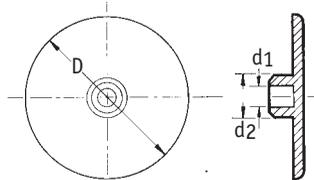
Printing limitations may prevent exact colour representation.

## Allen Screw Caps

SR 1805

Black LDPE

- Conceal and protect exposed Allen Screws



Part Number	Allen Screw	Dimensions (mm)			Standard Pack Quantity
		D	d1	d2	
2350/BK	M5	17	2.8	4.3	5000
12865*	M6	17	3.0	5.2	5000
10317	M8	18	4.0	6.2	5000
12661	M10	18	6.0	8.4	5000

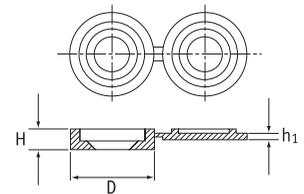
\*Domed head.

## Uniscrew Caps

SR 1807

Polypropylene

- Accept a range of screw sizes, reducing stock requirements
- Integral washer reduces fitting time
- Provide a neat and tidy finish



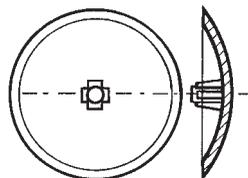
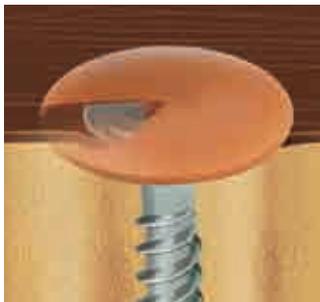
Part Number	Colour	Dimensions (mm)			To Fit Screw Sizes		Standard Pack Quantity
		D	H	h1	Imperial (Countersunk)	Metric (mm) (Eurocrew)	
2347/WH	White	13.6	3.4	1.0	No. 6-12	3.5-6.0	5000
2347/BK	Black	13.6	3.4	1.0	No. 6-12	3.5-6.0	5000
1284612	White	17.5	5.0	1.0	No. 10-12	5.0-6.0	5000
1284613	Black	17.5	5.0	1.5	No. 10-12	5.0-6.0	5000

## Cross-Head Screw Caps

SR 1806

LDPE

- Conceal and protect cross-head screws



Twin Fastener or Masonry Screw	Part Number					Standard Pack Quantity
	White	Light Brown	Dark Brown	Teak	Black	
No. 2	2344/WH	2344/LB	2344/DB	2344/TK	2344/BK	10000
No. 3	12447	-	-	-	-	20000
No. 4	16714	-	-	-	-	10000

## Screw Cap Covers

SR 1612

LDPE

- Protect and cover screws on veneered chipboard



Part Number				Size (mm)	Standard Pack Quantity
White	Light Brown	Dark Brown	Teak		
1853/WH	1853/LB	1853/DB	1853/TK	5.0	10000
51777	-	-	-	6.0	20000
61854	-	-	-	7.0	20000
50180	-	-	51467	9.5	20000
2343/WH	-	2343/DB	2343/TK	10.0	10000
10908	-	-	-	12.5	20000

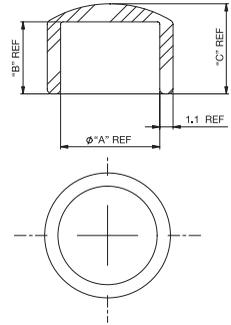
# SCREW AND NUT COVER CAPS

## Screw Cap

SR 1628

Silicone Rubber, Shore A 55 ± 5

Temperature: Min. -40°C Max. +150°C



Part Number	Recommended Button Head Screw Size	Dimensions (mm)			Standard Pack Quantity
		"A"	"B"	"C"	
1339687	#8. M4	6.7	5	6.5	1000
SC1-M5	¼. M5	8.2	6	7.5	1000
1339685	⅜. M6	9.7	7	8.5	1000

## Nut Protection Caps

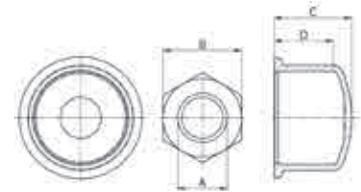
SR 1812

LDPE

- Excellent nuts and bolts protection for outdoor applications
- Resistant to most chemicals



Type 1

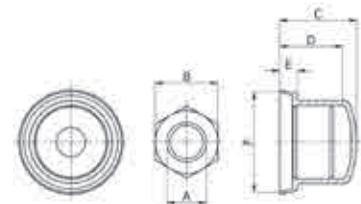


Type 1

Part Number			A	Dimensions (mm)			Standard Pack Quantity
Black	White	Grey		B	C	D	
034061022003	034061011303	034061001303	M6	10	10	7	500
034061522003	034061511303	-	M6	10	15	12	500
034081222003	034081211303	034081201303	M8	13	12	9	250
034082022003	034082011303	034082001303	M8	13	19	16	250
034101622003	034101611303	034101601303	M10	17	15	11	250
034102422003	034102411303	034102401303	M10	17	23	19	100
034121722003	034121711303	034121701303	M12	19	17	13	100
034122722003	034122711303	034122701303	M12	19	27	23	100
034142222003	034142211303	034142201303	M14	22	22	18	100
034162222003	034162211303	034162201303	M16	24	22	18	100
034163522003	034163511303	034163501303	M16	24	35	31	50
034202822003	034202811303	034202801303	M20	30	28	24	50
034204422003	034204411303	034204401303	M20	30	44	40	50
034224922003	034224911303	-	M22	32	49	44	50



Type 2



Type 2

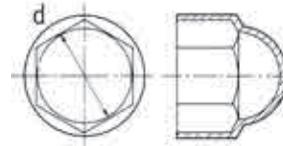
Part Number			A	Dimensions (mm)					Standard Pack Quantity
Black	White	Grey		B	C	D	E	F	
035061222003	035061211303	035061201303	M6	10	12	9	2.0	13.2	500
035061722003	035061711303	035061701303	M6	10	17	13	2.0	13.2	500
035081622003	035081611303	035081601303	M8	13	15	12	2.3	17.9	100
035082322003	035082311303	035082301303	M8	13	22	19	2.3	17.9	100
035101922003	035101911303	035101901303	M10	17	18	14	2.7	22.0	100
035102722003	035102711303	035102701303	M10	17	26	22	2.7	22.0	100
035122122003	035122111303	035122101303	M12	19	21	17	3.5	25.5	100
035123122003	035123111303	035123101303	M12	19	31	27	3.5	25.5	100
035162722003	035162711303	035162701303	M16	24	27	23	4.4	31.5	100
035164022003	035164011303	035164001303	M16	24	40	36	4.4	31.5	50
035203322003	035203311303	-	M20	30	32	29	5.0	38.7	50
035204922003	035204911303	035204901303	M20	30	48	45	5.0	38.7	50

## Bolt and Nut Protection Caps

SR 1802

LDPE

- Choice of black, white or grey
- Protect against weathering and tampering
- Enhance finished appearance



Metric – To fit DIN 933 standard bolts

Part Number			To Fit Bolt Size	Dimensions (mm) d	Standard Pack Quantity
Black	Grey	White			
15211	494801	12924	M5	7.9	5000
12837	494802	12722	M6	9.8	5000
12838	494803	12723	M8	12.8	5000
12839	494804	12724	M10	16.8	2500
12840	494805	12725	M12	18.8	2000
12841	494806	12726	M14	21.8	1200
12842	494807	12727	M16	23.8	1000
12955	494808	12836	M18	26.8	1500
12970	494809	12920	M20	29.8	1200
12046	494810	12921	M22	31.8	800
12893	494811	12892	M24	35.7	500

Metric – To fit ISO 4017 standard bolts

Part Number			To Fit Bolt Size	Dimensions (mm) d	Standard Pack Quantity
Black	White	Grey			
110824	110825	110826	M10	15.8	2500
110820	110821	110822	M12	17.8	2000
110822	110823	110824	M14	20.8	1200

Imperial – UNF

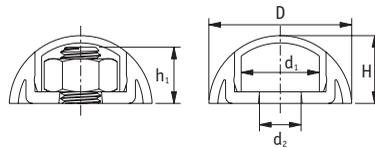
Part Number			To Fit Bolt Size	Dimensions (mm) d	Standard Pack Quantity
Black	Grey	White			
10882	494812	10883	¼	10.9	5000
10886	494813	10887	⅜	15.8	2500
12840	494805	12725	½	18.8	2000
12842	494807	12727	⅝	23.8	1000

## Secure Cover Caps

SR 2040

Polypropylene

- Ideal for playground equipment and outdoor furniture
- Available in six different colours



Part Number Base	Part Number Cap	Colour	Nut Size	Dimensions (mm)					Standard Pack Quantity
				D	d <sub>1</sub>	d <sub>2</sub>	H	h <sub>1</sub>	
036001100811	036001200811	Green	M6	25.0	13.5	6.3	12.0	9.5	250
036001108711	036001208711	Blue	M6	25.0	13.5	6.3	12.0	9.5	250
036001111311	036001211311	White	M6	25.0	13.5	6.3	12.0	9.5	250
036001111411	036001211411	Black	M6	25.0	13.5	6.3	12.0	9.5	250
036001112411	036001212411	Red	M6	25.0	13.5	6.3	12.0	9.5	250
036001113211	036001213211	Yellow	M6	25.0	13.5	6.3	12.0	9.5	250
036003100811	036003200811	Green	M8	32.0	17.0	8.3	14.0	11.5	250
036003108711	036003208711	Blue	M8	32.0	17.0	8.3	14.0	11.5	250
036003111311	036003211311	White	M8	32.0	17.0	8.3	14.0	11.5	250
036003111411	036003211411	Black	M8	32.0	17.0	8.3	14.0	11.5	250
036003112411	036003212411	Red	M8	32.0	17.0	8.3	14.0	11.5	250
036003113211	036003213211	Yellow	M8	32.0	17.0	8.3	14.0	11.5	250
036005100811	036005200811	Green	M10	38.0	21.4	10.3	17.0	14.0	100
036005108711	036005208711	Blue	M10	38.0	21.4	10.3	17.0	14.0	100
036005111311	036005211311	White	M10	38.0	21.4	10.3	17.0	14.0	100
036005111411	036005211411	Black	M10	38.0	21.4	10.3	17.0	14.0	100
036005112411	036005212411	Red	M10	38.0	21.4	10.3	17.0	14.0	100
036005113211	036005213211	Yellow	M10	38.0	21.4	10.3	17.0	14.0	100
036007100811	036007200811	Green	M12	43.0	23.6	12.4	20.5	16.5	100
036007108711	036007208711	Blue	M12	43.0	23.6	12.4	20.5	16.5	100
036007111311	036007211311	White	M12	43.0	23.6	12.4	20.5	16.5	100
036007111411	036007211411	Black	M12	43.0	23.6	12.4	20.5	16.5	100
036007112411	036007212411	Red	M12	43.0	23.6	12.4	20.5	16.5	100
036007113211	036007213211	Yellow	M12	43.0	23.6	12.4	20.5	16.5	100

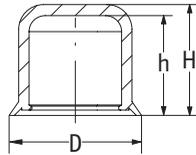
# SCREW AND NUT COVER CAPS

## Snap-on Bolt and Nut Protection Caps

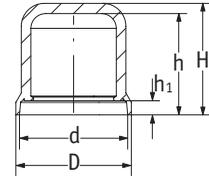
SR 1113

LDPE

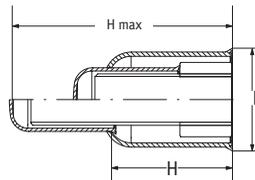
- Type 2 protects washer in addition to bolt and nut
- Types 3 and 4 have extendable head for large studs



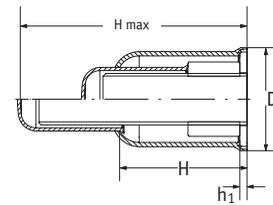
Type 1



Type 2



Type 3



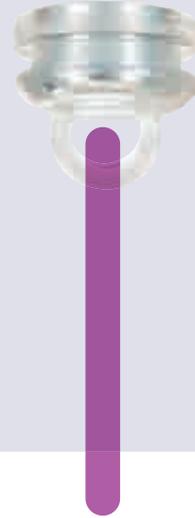
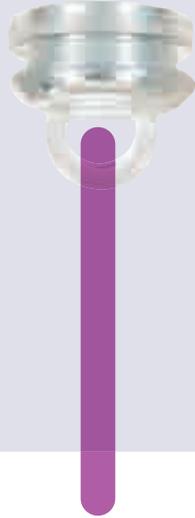
Type 4

### Bolt Caps

Part Number	Type	To Fit Size	Dimensions (mm)					Standard Pack Quantity
			D	d	H	h	h <sub>1</sub>	
463627	1	M6	13.9	-	6.1	5.4	-	1000
463628	1	M8	18.8	-	9.3	7.9	-	1000
463629	1	M10	23.8	-	11.3	9.8	-	1000
463630	1	M12	26.5	-	13.7	12.2	-	1000
463631	1	M14	30.0	-	21.0	19.0	-	1000
463632	1	M16	34.5	-	19.0	17.3	-	1000
463634	1	M20	41.0	-	25.7	23.7	-	1250
463636	1	M24	48.5	-	29.8	27.5	-	1000
463637	2	M6	14.5	13.5	8.0	7.0	1.6	1000
463638	2	M8	19.8	17.5	11.7	10.7	1.6	1000
463639	2	M10	24.0	22.8	13.7	12.0	2.0	1000
463640	2	M12	26.5	24.0	16.6	15.0	2.5	1000
463642	2	M16	32.9	30.5	18.7	16.7	3.0	1000
463644	2	M20	41.0	39.3	27.5	24.7	3.0	1250
463645	2	M22	44.1	42.5	31.7	29.6	3.0	1000
463646	2	M24	48.5	46.5	34.3	31.5	4.0	1000

### Nut Caps

Part Number	Type	To Fit Size	Dimensions (mm)					Standard Pack Quantity	
			D	d	H	H max	h		h <sub>1</sub>
463647	1	M6	14.5	-	12.0	-	10.6	-	1000
463648	1	M8	18.6	-	14.7	-	13.0	-	1000
463649	1	M10	24.0	-	17.3	-	15.3	-	1000
463650	1	M12	26.5	-	18.8	-	17.5	-	1000
463652	1	M16	32.5	-	32.4	-	31.0	-	1250
463654	1	M20	40.7	-	35.8	-	33.7	-	1250
463656	1	M24	48.3	-	39.5	-	37.6	-	1250
463657	2	M6	14.6	13.7	14.3	-	13.0	1.6	1000
463658	2	M8	19.0	17.5	15.5	-	14.0	1.7	1000
463659	2	M10	24.0	22.0	18.5	-	17.0	2.0	1000
463660	2	M12	26.5	24.5	21.5	-	20.2	2.5	1000
463662	2	M16	33.1	31.4	35.5	-	33.7	3.0	1250
463664	2	M20	41.5	39.2	39.2	-	36.7	3.0	1250
463665	2	M22	43.6	41.1	41.4	-	39.2	3.0	1250
463666	2	M24	48.6	47.0	43.5	-	41.0	4.0	1000
463667	3	M10	23.8	-	18.0	35.0	-	-	500
463668	3	M12	26.5	-	15.0	49.0	-	-	500
463670	3	M16	32.3	-	24.0	62.0	-	-	500
463672	3	M20	40.7	-	32.0	92.0	-	-	500
463674	3	M24	48.6	-	69.0	98.0	-	-	500
463676	4	M12	26.5	24.5	23.0	50.0	-	2.5	500
463680	4	M20	41.5	39.2	35.0	95.0	-	3.0	500
463682	4	M24	48.8	46.5	73.0	102.0	-	4.0	500



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## Tubular Protective Netting

SR 1027

LDPE

- Protects irregular shapes
- Ideal for external protection of gas cylinders
- Protects against damage during storage or transportation
- Supplied in handy dispensing cartons



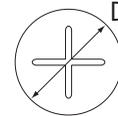
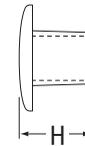
Part Number	Diameter Range (mm)	Colour	Standard Pack Quantity
466800	6-17	Orange	250m
466801	10-25	Black	250m
466802	25-60	Violet	50m
461073	15-35	Natural	2 Rolls x250m
461074	25-80	Natural	2 Rolls x250m
466803	50-100	Red	50m
466804	100-200	Yellow	50m
466805	200-400	Blue	50m
466806	200-400	Purple	50m

## Garden Cane Caps

SR 1203

PVC

- Protect against injury from cane top
- Fit canes from 6mm to 12mm in diameter



Part Number	Colour	Dimensions (mm)		Standard Pack Quantity
		H	D	
110601	Yellow	24.0	33.0	2000
110607	Green	24.0	33.0	2500

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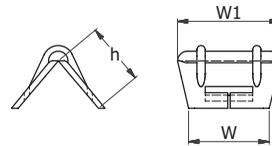


## Slotted Edge Protectors

SR 1042

Black Polypropylene or Black LDPE

- Slotted for ease of application
- Polypropylene version for metal strapping



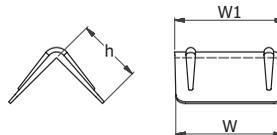
Part Number		Strap Width (mm)	Dimensions (mm)			Raw Material	Standard Pack Quantity
No Slot	Slot		W	W1	h		
110243	110244	18.0	30.0	40.0	25.0	LDPE	2000
110247	110248	18.0	30.0	40.0	25.0	Polypropylene	2000
110245	110246	28.0	40.0	40.0	40.0	LDPE	1000
-	110250	28.0	40.0	40.0	40.0	Polypropylene	1000

## Standard Edge Protectors

SR 1042

LDPE

- Popular protection for plastic strapping



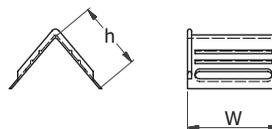
Part Number		Strap Width (mm)	Dimensions (mm)			Colour	Standard Pack Quantity
No Slot	Slot		W	W1	h		
51563	-	19.0	26.3	33.3	26.3	Natural	2000
12660	-	24.0	29.4	29.3	21.9	Natural	2000
10180	-	28.0	44.3	45.2	27.0	Natural	1000
802802	-	28.0	44.3	45.2	27.0	Black	2000
51564	-	28.3	43.6	43.7	28.4	Natural	1000
800234	-	28.3	43.6	43.7	28.4	Black	1000
-	89395	35.8	48.4	64.7	45.8	Natural	600

## Heavy-Duty Slotted Edge Protectors

SR 1042

Natural LDPE or Natural Linear LDPE

- Suits wide range of sizes and styles of strapping and webbing



Part Number	Strap Width (mm)	Dimensions (mm)		Raw Material	Standard Pack Quantity
		W	h		
803759	55.0	65.3	46.2	LDPE	1000
12507	55.0	65.3	46.2	LLDPE	500

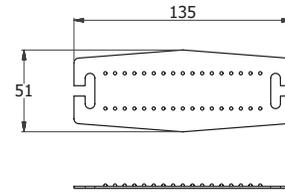
## Protection Band

SR 1042

Blue HDPE



- Made for steel strapping
- Flexible to fit curved and irregular-shaped items



Part Number	Strap Width (mm)	Standard Pack Quantity
10203	19.0	1000

## Edging Strip

SR 1050

Black PVC



- Safety product
- Protects sharp or delicate edges
- Fits irregular shapes
- Handy 50-metre dispensing reels

Part Number	Type	Stripe Width Max. (mm)	Standard Pack Quantity
32343	0.8-1.2	7.0	50m
34074	1.0-2.0	8.0	50m
34075	1.5-2.8	9.5	50m
34076	2.7-3.8	10.5	50m
34077	3.7-5.2	11.0	50m
34078	5.3-6.8	13.0	50m

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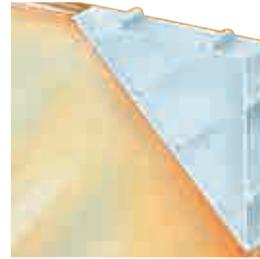
## Corner Protectors

SR 1041

Low-Density Polyethylene/Polypropylene Type 5 only

- Effective protection for goods in transit and storage

Part Number	Type	Dimensions (mm)		Colour	Standard Pack Quantity
		Panel Thickness	Edge Protection Length		
12321	1	0.8-1.2	32	White	5000
10277	1	2.0-3.0	45.0	Black	2500
51800	2	22	22 x 45 x 45	White	2000
112736	3	4	45	Black	1000
110833	3	4	45	Black	1000
112737	3	6	45	Black	1000
110834	3	6	45	Natural	1000
112738	3	8	45	Natural	1000
112739	3	10	45	Natural	1000
112740	3	12	45	Black	1000
112741	3	15	55	Natural	500
112742	3	18	55	Black	500
112743	3	20	55	Natural	500
112744	3	22	55	Black	500
112745	3	24	55	Black	400
112746	3	25	55	Black	400
112747	3	28	55	Black	400
112748	3	30	55	Black	250
112749	3	32	55	Black	250
112750	3	38	55	Black	250
112751	3	40	55	Black	250
112752	3	47	55	Black	250
110796	4	20	45	Black	250
39861	4	30	45	Black	250
36240	6	34	45	Black	350
36241	4	40	45	Black	500
112753	5	15-35	55	Black	500
463490	4	40	45	Black	500
112754	5	35-60	70	White	250



Type 1 - Standard Protector



Type 2 - 3 Way Corner



Type 3 - Standard Protector



Type 4 - Heavy Duty



Type 5 - Expandable



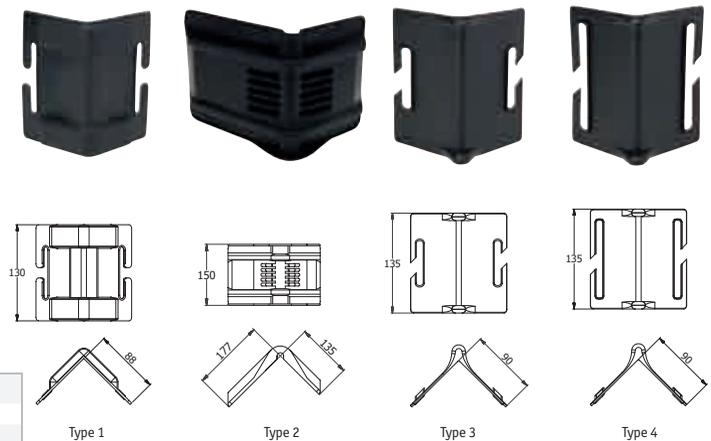
Type 6 - Open

## Heavy Duty Edge Protector

SR 1177

Polypropylene

- Heavy duty edge protector for large load
- Secured with straps (not included)



Part Number	Type	Stripe Width Max.(mm)	Standard Pack Quantity
498744	1	50	4
498745	2	50	4
498746	3	50	4
498747	4	70	4

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- Over 4,200 fastening solutions available to match your requirements, including variables of tensile strength, heat resistance, temperature stability, and weight
- Produced in a variety of both plastic and metal materials for optimum structural performance and design
- Easy to install, fast fitting, saving you time without compromising on quality



**FREE  
SAMPLES**



MORE THAN  
**4,200**  
FASTENERS  
AND FIXINGS  
PRODUCTS  
AVAILABLE

# FASTENERS AND FIXINGS

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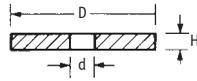
# WASHERS, SPACERS AND BUSHES

## Washers

SR 1940

Natural Nylon 6.6

POM\*



- Insulate against moisture and electricity
- Resist corrosion, abrasion and most chemicals
- Provide full insulation, cushioning and spacing

Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
8042560000VR	1340103	2.2	5	0.5	1000
8042780000VR	1340104	2.2	5	1	1000
8042690000VR	1340105	2.3	4.8	0.5	1000
490623	-	2.5	8	1	1000
1110210400VR*	-	2.6	5	2	1000
1110220400VR*	-	2.6	5	3	1000
003025100001	1340106	2.7	6.5	0.5	1000
003025000001	-	2.7	6.8	1.1	1000
003020200001	-	2.7	8	1	1000
1001080000VR	-	2.7	9	1	1000
1008360000VR	-	2.7	10	1	1000
1007870000VR	-	3	7	1	1000
1007880000VR	-	3	8	2.5	1000
1110300400VR*	-	3.1	5	2	1000
1110310400VR*	-	3.1	5	3	1000
1006020000VR	1340107	3.1	6	1	1000
1112130000VR	-	3.1	8	3	1000
1005190000VR	1340108	3.2	6	2	1000
003030500001	1340109	3.2	7	0.5	1000
470833	-	3.2	7	1.4	1000
8042400000VR	1340110	3.2	7.2	1	1000
1001120000VR	-	3.2	8.1	1.5	1000
1344045	-	3.2	10	0.8	1000
470831	-	3.2	12.8	0.8	1000
033030100001	-	3.2	15	1.5	500
490624	1340111	3.3	8	1	1000
1344070	-	3.4	10	2	1000
1008330000VR	1340112	3.5	7	1	1000
003030300001	-	3.5	8	1	1000
1005220000VR	1340113	3.6	8	0.8	1000
1344060	-	3.7	7	0.5	1000
1009930000VR	1340114	4	7	2	1000
17W06878	-	4	17.5	3.2	1000
490622	1340115	4.1	10	1	1000
1001170000VR	1340116	4.2	8	1.2	1000
1001180000VR	-	4.2	8	2	1000
490625	1340117	4.2	8	3	1000
1342920	-	4.2	9	2.5	1000
0040080000VR	-	4.2	10	0.8	1000
1001200000VR	-	4.2	10	1	1000
1001210000VR	-	4.2	10	1.2	1000
1007900000VR	-	4.2	10	1.5	1000
1000130000VR	-	4.2	10	2	1000
1344047	-	4.3	7	0.5	1000
1006550000VR	-	4.3	7	2	1000
490626	1340118	4.3	8	0.8	1000
003040700001	1340119	4.3	9	0.8	1000
470834	-	4.3	9	1.4	1000
490627	1340120	4.3	12.8	0.8	1000
1344078	-	4.3	18	1.5	1000
1006590000VR	-	4.3	18	2	1000
1004710000VR	1340121	4.4	12	2	1000
1005090000VR	-	4.5	26	2	1000
1344048	-	4.9	8	0.8	1000
490612	-	4.9	9	0.8	1000
490618	1340122	4.9	10	0.8	1000
1006610000VR	-	4.9	12.7	1.4	1000
1006620000VR	-	4.9	12.7	3.2	1000
1006630000VR	-	4.9	15.9	2.5	1000
1007910000VR	-	5	12	1	1000

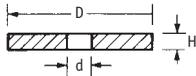
Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
1005030000VR	1340123	5.1	11.1	2.4	1000
1008660000VR	1340124	5.2	8	2	1000
1008380000VR	-	5.2	9	1	1000
470828	-	5.3	10	1	1000
1001240000VR	-	5.2	10	3	1000
490616	-	5.2	12	1	1000
1007090000VR	-	5.3	12	1.6	1000
1344044	-	5.3	12.5	1.6	1000
1020180000VR	-	5.3	15	1.5	1000
1020260000VR	-	5.3	15	1.6	1000
1344059	-	5.3	17	1.6	1000
1007080000VR	-	5.3	18	1.5	1000
003050100001	-	5.3	20	3	1000
033050000001	-	5.3	25	2.5	500
041050100001	-	5.4	10.2	1	1000
1344073	-	5.5	8	0.8	1000
1344058	-	5.5	10	0.8	1000
1344049	-	5.5	12.8	0.8	1000
1008300000VR	-	5.7	9	2.3	1000
1005320000VR	1340125	5.8	10	0.8	1000
470829	-	6	12	1	1000
490619	1340126	6.1	11	1	1000
1000270000VR	-	6.1	16	1	1000
1008680000VR	1340127	6.2	10	1	1000
1001310000VR	1340128	6.2	12	1	1000
1001320000VR	1340129	6.2	12	2	1000
1342918	-	6.2	12	3	1000
0040140000VR	-	6.2	14	1.2	1000
1008700000VR	1340130	6.2	16	1	1000
1004570000VR	1340131	6.2	22	2	1000
1007920000VR	-	6.3	14	1	1000
1000280000VR	-	6.3	16	3	1000
1006670000VR	1340132	6.4	10	2.5	1000
NWE-34815-M6	-	6.4	12	1.6	1000
0050300000VR	-	6.4	12.5	1.6	1000
1002300000VR	-	6.4	14	1.5	1000
1007510000VR	-	6.4	15	1.5	1000
1344050	-	6.4	15	1.6	1000
1344054	-	6.4	16	1.6	1000
1344046	-	6.4	18	1.5	1000
1007050000VR	-	6.4	18	2	1000
1007190000VR	-	6.4	20	2	1000
1007280000VR	-	6.4	22	2	1000
1007320000VR	-	6.4	24	2	1000
8041690000VR	-	6.4	25	1.6	1000
1006680000VR	-	6.4	30	3	1000
003060600001	-	6.5	14	1.2	500
1002380000VR	1340133	6.5	15.9	0.5	1000
1342922	-	6.5	16.5	2.5	1000
003060800001	-	6.6	14.3	1.4	500
1007130000VR	-	7.5	18	1.5	1000
1344068	-	7.5	18	2	1000
1342919	-	7.7	12	2	1000
470835	-	8.1	14	1	1000
8041120000VR	-	8.1	14	2	1000
1007930000VR	-	8.1	14	3	1000
1008730000VR	1340134	8.2	12	1	1000
1008740000VR	1340135	8.2	12	2	1000
1344061	-	8.2	15	1.5	1000
1001400000VR	-	8.2	16	1	1000

CONTINUED ON NEXT PAGE

## Washers CONTINUED

### SR 1940

#### Natural Nylon 6.6



Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
1001410000VR	1340136	8.2	16	1.5	1000
1001420000VR	1340137	8.2	16	2	1000
1001430000VR	-	8.2	16	3	1000
0040160000VR	-	8.2	18	1.5	1000
1008780000VR	-	8.2	25	1	1000
1008810000VR	1340138	8.2	30	1	1000
1008820000VR	1340139	8.2	30	2	1000
1001450000VR	1340140	8.2	30	3	1000
1344066	-	8.4	12	1.6	1000
031080100001	-	8.4	13	2.8	500
1006730000VR	-	8.4	15	1.5	1000
0050350000VR	-	8.4	17	1.6	1000
003080000001	-	8.4	17	2	500
1001470000VR	-	8.4	20	2	1000
1007250000VR	-	8.4	21	2	1000
1008140000VR	-	8.4	22	2	1000
1020220000VR	-	8.4	25	2	1000
032080000001	-	8.4	25	2.5	500
1006740000VR	-	8.4	40	3	1000
1008310000VR	-	9	14.4	3	1000
1344072	-	9	20	2	1000
1344075	-	9	24	2	1000
1344052	-	9.2	14.5	2	1000
1344069	-	9.2	16	1.6	1000
1006750000VR	-	9.6	18	1.2	1000
1006760000VR	-	10.2	17	2	1000
1001530000VR	-	10.2	20	1	1000
0040180000VR	-	10.2	22	2	1000
1008860000VR	1340141	10.2	25	1	1000
1008870000VR	-	10.2	25	2	1000
1008880000VR	1340142	10.2	25	3	1000
1342921	-	10.5	16	2	1000
1010470000VR	-	10.5	18	1.5	1000
1344056	-	10.5	18	2	1000
1344055	-	10.5	21	2	1000
003101800001	-	10.5	21	2.5	500
1344051	-	10.5	27	2.5	1000
1008320000VR	-	10.5	30	3	1000
1007350000VR	-	10.5	34	3	1000
1344077	-	10.5	36	3	1000
1005100000VR	-	10.5	37	3	1000
1007370000VR	-	10.5	39.5	3	1000
1006320000VR	-	10.5	50	3	1000
1000990000VR	-	11	27	2.5	1000
1006770000VR	-	11.2	18	1.2	1000
1007170000VR	-	12	18	2	1000
1007210000VR	-	12	20	2	1000
1344062	-	12	22	2	1000
1344064	-	12	24	2	1000
1006780000VR	-	12.2	24	1.3	1000
1000520000VR	-	12.5	24	2.5	1000
1344063	-	12.5	27	2.5	1000
1112000000VR	-	12.8	18	3	1000
1344071	-	13	18	2	1000
1001620000VR	-	13	20	1	1000
1344074	-	13	21	2	1000
1008340000VR	-	13	22	2	1000
1008350000VR	-	13	24	2	1000
003121500001	-	13	24	2.5	500
1008390000VR	-	13	30	3	1000
1007380000VR	-	13	34	3	1000
1007390000VR	-	13	36	3	1000

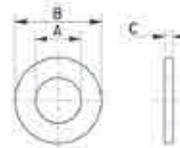
Part Number	Dimensions (mm)			Standard Pack Quantity		
	Natural	Black	d		D	H
1020570000VR	-	-	13	40	3	1000
1007400000VR	-	-	13	50	3	1000
1007020000VR	-	-	13.3	18	1.5	1000
1344067	-	-	13.3	22	1.5	1000
003120500001	-	-	13.4	24	1.4	500
1007950000VR	-	-	14	20	1	1000
1342923	-	-	14.5	25	3	1000
1007960000VR	-	-	14.5	28	1	1000
1342924	-	-	14.5	30	2.5	1000
1006010000VR	-	-	14.5	32	3	1000
1008230000VR	-	-	15	26	2	1000
1344076	-	-	15	27	2.5	1000
003140000001	-	-	15	28	2.5	250
1008420000VR	-	-	15	40	3	1000
1007430000VR	-	-	15	50	3	1000
003140300001	-	-	15.2	26	1.4	250
1009690000VR	1340143	-	16	22	3	1000
1008260000VR	-	-	16	27	2	1000
1009350000VR	1340144	-	16.2	25	3	1000
1009380000VR	1340145	-	16.2	30	3	250
0040240000VR	-	-	16.5	32	3	1000
1344065	-	-	17	28	2	250
003160900001	-	-	17	30	3	250
1008440000VR	-	-	17	40	3	1000
003160500001	-	-	17.2	26	1.4	250
1008270000VR	-	-	17.5	27	2	1000
1342925	-	-	18.5	36	3	1000
1007460000VR	-	-	19	30	3	1000
1007480000VR	-	-	19	50	3	1000
003180500001	-	-	19.2	34	1.5	100
1009540000VR	1340146	-	20.2	30	1	500
1008450000VR	-	-	21	30	3	500
1007490000VR	-	-	21	36	3	500
003200000001	-	-	21	37	3	100
1007500000VR	-	-	21	50	3	500
003200300001	-	-	21.2	34	1.5	100
1006840000VR	-	-	22.2	34	1.5	1000
1342926	-	-	22.5	39.6	2.4	500
1006860000VR	-	-	25.2	40	1.7	250
1005230000VR	-	-	26	35	1	500
1009720000VR	-	-	38	41.8	3	500

## Transparent Washers

### SR1927

#### Polycarbonate

- High transparency fastener



Part Number	Dimensions (mm)				Standard Pack Quantity
	Size	A	B	C	
173000200022	M2	2.1	4.0	0.5	100
173002600022	M2.6	2.7	6.0	0.5	100
173000300022	M3	3.3	8.0	0.8	100
173000400022	M4	4.5	10.0	0.8	100
173000500022	M5	5.5	12.0	1.0	100
173000600022	M6	6.5	13.0	1.0	100
173000800022	M8	8.5	18.0	1.6	100

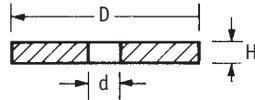
# WASHERS, SPACERS AND BUSHES

## Washers, NF E 25-513/25-514

SR 1940

Natural Nylon 6.6

- Refer to standard NF E 25-513/25-514 for guidance purposes only



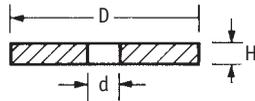
Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
0040020000VR	M2	2.2	5.5	0.5	1000
0040040000VR	M2.5	2.7	7.0	0.5	1000
490620	M3	3.2	8.0	0.8	1000
490617	M4	4.3	10.0	0.8	1000
0040220000VR	M5	5.3	12.0	1.0	1000
0040290000VR	M6	6.4	14.0	1.2	1000
0040390000VR	M8	8.4	18.0	1.5	1000
0040450000VR	M10	10.5	22.0	2.0	1000
0040530000VR	M12	13.0	27.0	2.5	500
1344053	M14	15.0	30.0	2.5	1000
0040640000VR	M16	17.0	32.0	3.0	250
0040650000VR	M18	19.0	36.0	3.0	250
0040700000VR	M20	21.0	40.0	3.0	250
0040750000VR	M24	25.0	49.0	4.0	250
0040800000VR	M30	31.0	60.0	4.0	250

## Washers, DIN 433

SR 1940

Natural Nylon 6.6

- Refer to standard DIN 433 for guidance purposes only



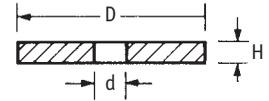
Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
041025100001	M2	2.7	5.0	0.5	1000
041030100001	M3	3.2	6.0	0.5	1000
041040100001	M4	4.3	8.0	0.5	1000
041050000001	M5	5.4	10.1	1.0	1000
1010260000VR	M5	5.3	9.0	1.0	1000
041060000001	M6	6.4	11.0	1.5	1000
1010360000VR	M8	8.4	15.0	1.6	1000
1010460000VR	M10	10.5	18.0	1.6	1000
1010540000VR	M12	13.0	20.0	2.0	500
003120000001	M12	13.0	24.0	2.5	500
1344057	M14	15.0	24.0	2.5	1000
1010700000VR	M16	17.0	28.0	2.5	250
1010750000VR	M20	21.0	34.0	3.0	250
1010780000VR	M24	25.0	39.0	4.0	250
1010800000VR	M30	31.0	50.0	4.0	250

## Washers, DIN 125

SR 1940

Natural Nylon 6.6

- Refer to standard DIN 125 for guidance purposes only



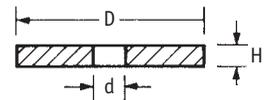
Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
0050010000VR	M2	2.2	5.0	0.3	1000
0050780000VR	M2.5	2.7	6.0	0.5	1000
003030500001	M3	3.2	7.0	0.5	1000
470826	M3.5	3.7	8.0	0.5	1000
003040700001	M4	4.3	9.0	0.8	1000
470828	M5	5.3	10.0	1.0	1000
0050320000VR	M6	6.4	12.0	1.6	1000
003060000001	M6	6.4	12.5	1.6	1000
0050410000VR	M8	8.4	16.0	1.6	1000
0050470000VR	M10	10.5	20.0	2.0	1000
0050550000VR	M12	13.0	24.0	2.5	500
0050610000VR	M14	15.0	30.0	3.0	1000
0050650000VR	M16	17.0	30.0	3.0	250
0050700000VR	M18	19.0	34.0	3.0	250
0051010000VR	M20	21.0	37.0	3.0	250
0051030000VR	M24	25.0	44.0	4.0	250
0051270000VR	M27	28.0	50.0	4.0	250
0051300000VR	M30	31.0	55.5	4.0	250
0051360000VR	M36	37.0	66.0	5.0	250
0051390000VR	M39	40.0	72.0	6.0	250

## Washers, DIN 9021

SR 1940

Natural Nylon 6.6

- Refer to standard DIN 9021 for guidance purposes only



Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
032030100001	M3	3.2	9.0	0.8	1000
032040100001	M4	4.3	12.0	1.0	1000
1020250000VR	M5	5.3	15.0	1.2	1000
032050100001	M5	5.3	15.0	1.5	500
1020340000VR	M6	6.4	18.0	1.6	1000
1020420000VR	M8	8.4	23.8	2.0	1000
1020480000VR	M10	10.5	30.0	2.5	1000
1020580000VR	M12	13.0	37.0	3.0	500
1020630000VR	M16	17.0	50.0	3.0	250
1020680000VR	M20	22.0	60.0	4.0	250
1020700000VR	M24	26.0	72.0	5.0	250

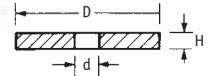
## Black Washers, DIN 125

SR 1940

Black Nylon 6.6

- Refer to dimensional tolerances of DIN 125 for guidance purposes only

Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
490735	M3	3.2	7.0	0.5	100
0050150001VR	M4	4.3	9.0	0.8	100
490734	M5	5.3	10.0	1.0	100
0050320001VR	M6	6.4	12.0	1.6	100
0050410001VR	M8	8.4	16.0	1.6	100
0050470001VR	M10	10.5	20.0	2.0	100
0050550001VR	M12	13.0	24.0	2.5	100

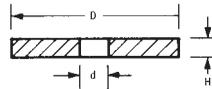


## Washers Black TPR

SR 1986

Black TPR

- Refer to dimensional tolerances of DIN 125, DIN 9021 for guidance purposes only

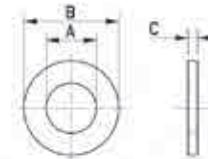


Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
1440724	M3	3.2	7.0	0.5	1000
0040062001VR	M3	3.2	8.0	0.8	1000
1020072001VR	M3	3.2	9.0	0.8	1000
0050152001VR	M4	4.3	9.0	0.8	1000
0040122001VR	M4	4.3	10.0	0.8	1000
0050232001VR	M5	5.3	10.0	1.0	1000
0040222001VR	M5	5.3	12.0	1.0	1000
1020252001VR	M5	5.3	15.0	1.2	1000
0050322001VR	M6	6.4	12.0	1.6	1000
0040292001VR	M6	6.4	14.0	1.2	1000
1020342001VR	M6	6.4	18.0	1.6	1000
0050412001VR	M8	8.4	16.0	1.6	1000
0040392001VR	M8	8.4	18.0	1.5	1000
1020422001VR	M8	8.4	24.0	2.0	1000
0050472001VR	M10	10.5	20.0	2.0	1000
0040452001VR	M10	10.5	22.0	2.0	1000
1020482001VR	M10	10.5	30.0	2.5	1000
0050552001VR	M12	13.0	24.0	2.5	500
0040532001VR	M12	13.0	27.0	2.5	500
1020582001VR	M12	13.0	37.0	3.0	500
0050612001VR	M14	15.0	30.0	3.0	500
0050652001VR	M16	17.0	30.0	3.0	250
1020632001VR	M16	17.0	50.0	3.0	250
0050702001VR	M18	19.0	34.0	3.0	250
0051012001VR	M20	21.0	37.0	3.0	250

## PEEK® Washer

SR 1929

- Made from PEEK®
- Colour: Light brown
- Continuous use temperature 180 °C
- Resistant to most chemicals
- Flame resistance: UL94 V-0



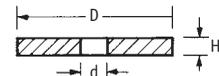
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
185020070409	2.7	6.0	0.5	25
185030070409	3.2	7.0	0.5	25
185040070409	4.3	9.0	0.8	25
185050070409	5.3	10.0	1.0	25
185060070409	6.4	12.5	1.6	25
185080070409	8.4	17.0	1.6	10
185100070409	10.5	21.0	2.0	10

## Washers, DIN 125 - PP

SR 1908

Natural Polypropylene

- Refer to standard for guidance purposes only

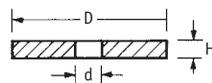


## Washers, DIN 125 - PVDF

SR 1907

Natural PVDF

- Refer to standard DIN 125 for guidance purposes only



Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
0050150500VR	M4	4.3	9.0	0.8	100
0050230500VR	M5	5.3	10.0	1.0	100
0050320500VR	M6	6.4	12.0	1.6	100
0050410500VR	M8	8.4	16.0	1.6	100
0050470500VR	M10	10.5	20.0	2.0	100
0050550500VR	M12	13.0	24.0	2.5	100
0050650500VR	M16	17.0	30.0	3.0	100

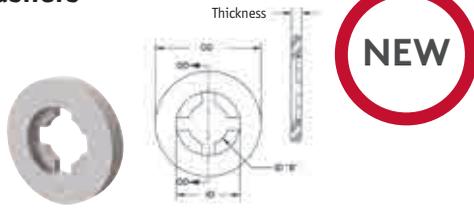
Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
0050150300VR	M4	4.3	9.0	0.8	100
0050230300VR	M5	5.3	10.0	1.0	100
0050320300VR	M6	6.4	12.0	1.6	100
0050410300VR	M8	8.4	16.0	1.6	100
0050470300VR	M10	10.5	20.0	2.0	100
0050550300VR	M12	13.0	24.0	2.5	100

# WASHERS, SPACERS AND BUSHES

## Anti-loss Washers

SR K-0018

Natural PA 6.6



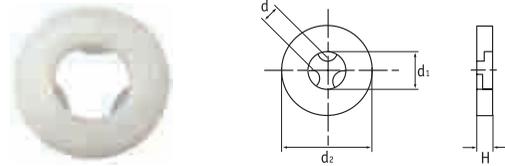
Part Number	Dimensions (mm)				Standard Pack Quantity
	OD	ID	ID "B"	Thickness	
16FWRT002032	5.16	2.92	1.98	0.81	1000
16FWRT002062	5.16	2.92	1.98	1.58	1000
16FWRT004032	6.75	3.96	2.59	0.81	1000
16FWRT004050	25.4	3.96	2.59	1.27	1000
16FWRT004062	6.75	3.96	2.59	1.58	1000
16FWRT004125	6.75	3.96	2.59	3.18	1000
16FWRT006032	8.33	5.03	3.25	0.81	1000
16FWRT006062	8.33	5.03	3.25	1.58	1000
16FWRT007062	19.05	9.53	5.46	1.58	500
16FWRT007062A	25.4	9.53	5.46	1.58	250
16FWRT008032	9.92	5.97	3.86	0.81	1000
16FWRT008032A	9.91	5.97	3.43	0.81	1000
16FWRT008032C	8.33	5.96	3.86	0.81	1000
16FWRT008045	11.51	5.54	3.43	1.14	1000
16FWRT008062	9.92	5.97	3.86	1.58	1000
16FWRT010032	11.51	7.04	4.5	0.81	1000
16FWRT010055	10.16	7.03	4.5	1.39	1000
16FWRT010059	19.99	6.99	4.5	1.5	500
16FWRT010062	11.51	7.04	4.5	1.58	1000
16FWRT010062A	12.7	7.04	4.5	1.58	1000
16FWRT010062C	16	7.04	4.5	1.58	1000
16FWRT250032	15.08	9.53	5.94	0.81	1000
16FWRT250032A	12.7	8.74	5.94	0.81	1000
16FWRT250062	15.08	9.53	5.94	1.58	1000
16FWRT250062A	38.1	11.43	5.94	1.58	1000
16FWRT250062C	38.1	9.53	5.94	1.58	1000
16FWRT250062E	15.64	9.53	5.94	1.57	1000
16FWRT312032	18.65	11.94	7.42	0.81	1000
16FWRT312062	18.65	11.94	7.42	1.58	1000
16FWRT375032	22.62	14.33	8.89	0.81	1000
16FWRT375062	22.62	14.33	8.89	1.58	500
16FWRT375062A	32	14.3	8.89	1.58	1000
16FWRT375062C	18.65	14.33	8.89	1.58	1000
16FWRT437032	26.19	14.48	10.4	0.81	500
16FWRT437062	26.19	14.48	10.4	1.58	500
16FWRT500032	28.58	17.53	11.9	0.81	500
16FWRT500062	28.58	17.53	11.9	1.58	500
16FWRT875062	34.14	23.88	20.9	1.58	250
16FWRT999062	35.18	27.18	24.6	1.58	250

## Anti-Loss Washers

SR 1945

Natural HDPE

- Hold screws and bolts in place during assembly



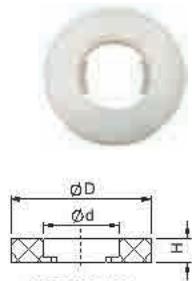
Part Number	Size	Dimensions (mm)				Standard Pack Quantity
		d	d1	d2	H	
1040040900VR	M3	2.5	3.2	8.0	0.8	1000
1040160900VR	M3	2.5	3.2	9.0	0.8	1000
1348399	M3	2.5	3.2	10.0	0.8	1000
1040180900VR	M3	2.5	3.2	12.8	0.8	1000
1348400	M3.5	2.9	3.7	7.0	0.5	1000
497517	M3.5	2.9	4.3	8.0	0.8	1000
497516	M4	3.3	4.3	9.0	0.8	1000
497518	M4	3.3	4.3	10.0	0.8	1000
1040070900VR	M4	3.3	4.3	10.0	0.8	1000
1343722	M4	3.3	4.3	12.8	0.8	1000
497519	M5	4.2	5.3	10.0	1.0	1000
1040080900VR	M5	4.2	5.3	12.0	1.0	1000
1040320900VR	M5	4.2	5.3	20.0	1.0	1000
1040350900VR	M6	4.6	6.2	9.5	1.0	1000
1040340900VR	M6	5.2	6.4	12.0	1.2	1000
1040060900VR	M6	5.2	6.4	12.0	1.6	1000
1040240900VR	M6	5.2	6.4	12.5	1.6	1000
1040090900VR	M6	5.2	6.4	14.0	1.2	1000
1040250900VR	M6	5.2	6.4	15.0	1.6	1000
1040260900VR	M6	5.2	6.4	16.0	1.6	1000
1348396	M6	5.2	6.4	17.0	1.6	1000
1040360900VR	M8	6.6	8.4	12.0	1.6	1000
1040100900VR	M8	6.6	8.4	18.0	1.5	1000
1348395	M10	8.2	10.5	20.0	2.0	1000
1040110900VR	M10	8.2	10.5	22.0	2.0	1000
1040290900VR	M10	8.2	10.5	24.0	2.0	1000
1040140900VR	M12	10.7	13.0	24.0	2.5	500
1348397	M12	10.7	13.0	27.0	2.5	500
1040130900VR	M16	13.6	17.0	32.0	3.0	250

## Anti-Loss Washers

SR 1940

Natural Nylon 6.6

- Insulate against moisture and electricity
- Resist corrosion, abrasion and most chemicals
- Provide full insulation, cushioning and spacing



Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
041025000001	-	2.7	5.0	1.0	1000
031025000001	M2	2.7	5.0	1.5	1000
031030000001	M3	3.2	5.5	2.2	1000
041030000001	-	3.2	6.0	1.0	1000

Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
003030000001	M3	3.2	7.0	1.4	1000
032030000001	M3	3.2	9.0	1.5	1000
033030000001	M3	3.2	15.0	1.5	500
031040000001	M4	4.3	7.0	2.3	1000
041040000001	-	4.3	8.0	1.0	1000
003040000001	M4	4.3	9.0	1.4	1000
032040000001	M4	4.3	12.0	1.4	1000
033040000001	M4	4.3	18.0	2.0	500
031050000001	M5	5.3	8.5	2.8	1000
003050000001	M5	5.3	11.5	1.4	1000
032050000001†	M5	5.3	15.0	1.5	500
031060000001	M6	6.4	10.0	2.8	1000
032060000001†	M6	6.4	18.0	2.0	500
003100000001*	M10	10.5	21.0	2.5	500
031080000001	M8	8.4	13.0	2.8	500
041080000001	M8	8.4	15.0	1.5	500
033080000001	M8	8.4	40.0	3.0	100

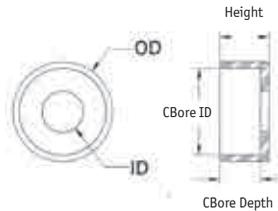
\*DIN 125 †DIN 9021

## Cup Washers

SR K-0016

Natural PA 6.6

- Protect the head of a metal screw from electrical contact
- Accommodate the most common screw head-styles including: Cheese, Pan, Fillister



Part Number	Dimensions (mm)					Standard Pack Quantity
	OD	CBoRE ID	ID	CBoRE Depth	Height	
16CW004257	7.74	6.22	2.92	5.51	6.52	1000
16CW004040	7.76	6.22	2.92	2.97	3.99	1000
16CW006040	9.14	7.62	3.56	3.61	4.62	1000
16CW008040	10.52	8.99	4.34	4.22	5.23	1000
16CW008042	12.62	9.88	4.75	2.36	3.53	1000
16CW008041	10.52	8.99	4.34	3.3	4.32	1000
16CW008043	8.71	7.13	4.36	4.62	5.53	1000
16CW010030	14.43	9.53	5.11	3.23	3.99	1000
16CW010040	11.94	10.41	4.93	4.83	5.85	1000
16CW250250	25.4	12.7	6.6	3.81	5.03	500
16CW250040	15.11	13.59	6.53	6.27	7.29	500
16CW250042	13.48	11.81	6.58	16.51	19.98	1000
16CW312050	12.7	10.16	8.12	3.09	4.31	1000
16CW312375	22.23	15.88	8.74	6.35	9.53	500
16CW312500	22.23	15.88	8.74	9.6	12.7	500
16CW375225	25.4	19.05	9.65	3.18	5.72	500
16CW437520	27.78	19.96	11.09	4.97	13.48	500

## Locking and Sealing Washers

SR K-0009

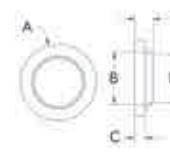
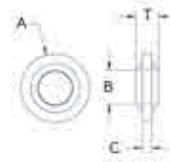
Natural PA 6.6



Locking



Sealing



Part Number	Type	Dimensions (mm)						Standard Pack Quantity
		Screw Size	B	D	A	C	T	
16MLSW030070070	Locking	M3	3.1	-	7.0	0.7	1.4	1000
16MLSW040090125	Locking	M4	4.15	-	9.0	1.3	1.3	1000
16MLSW050104140	Locking	M5	5.15	-	10.4	1.4	3.5	1000
16MLSW060120160	Locking	M6	6.1	-	12.0	1.6	4.0	1000
16MLSW080158210	Locking	M8	8.1	-	15.8	2.1	4.6	500
16MLSW100196210	Locking	M10	10.0	-	19.6	2.1	5.3	500
16MLSW140252250	Locking	M14	14.0	-	25.2	2.5	5.5	1000
16MLSW042090120	Locking	M4.2	4.2	4.2	9.0	1.2	3.0	1000
16MLSW048100150	Sealing	M4.8	4.8	4.8	10.0	1.5	3.2	1000
16MLSW060125150	Sealing	M6	6.3	6.3	12.5	1.5	2.8	1000
16MLSW080160160	Sealing	M8	8.2	8.2	16.0	1.6	3.1	500
16MLSW103150200*	Sealing	-	10.3	9.45	15.0	2.0	4.0	1000
16MLSW132190250*	Sealing	-	13.2	12.2	19.0	2.5	4.5	500

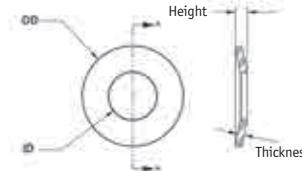
\*Whitworth Tapered Pipe Thread

## Spring Washers

SR K-0017

Natural Acetal

- Electrical and thermal insulating and corrosion resistant
- May be used singly in parallel, in series or in series parallel for a wide range of deflection and load capacity



Part Number	Dimensions (mm)						Standard Pack Quantity
	Screw Size	OD	ID	Height	Thickness	Max. Ref Compressed OD	
17SPRINGW100	M3.5	8.03	3.86	1.14	0.69	8.38	1000
17SPRINGW200	M4	7.54	4.39	1.17	0.79	7.87	1000
17SPRINGW300	M5	9.27	5.18	1.35	0.76	9.45	1000
17SPRINGW320	M5	10.57	5.97	1.57	0.89	10.92	1000
17SPRINGW360	M6	11.37	7.01	1.57	0.89	12.31	1000
17SPRINGW400	M6	14.33	6.71	1.68	0.97	14.71	1000
17SPRINGW500	M8	16.76	8.33	2.03	1.22	17.27	1000
17SPRINGW600	M10	21.54	11.46	2.41	1.4	21.97	1000
17SPRINGW650	M10	21.54	11.46	2.03	0.99	21.97	1000

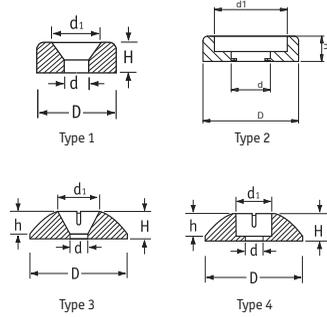
# WASHERS, SPACERS AND BUSHES

## Finishing Washers

SR 1946

Black Nylon 6.6

- Good insulation properties
- High-quality finish
- Excellent protection against damage

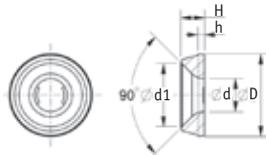


Part Number		Type	Size	Dimensions (mm)					Standard Pack Quantity
Natural	Black			d	d1	D	H	h	
007102550001*	007102559901*	1	M2.5	2.7	5.0	6.8	2.0	-	500
007202550001†	007202559901†	2	M2.5	2.7	5.0	6.8	2.0	1.0	500
007503050001	007503059901	2	M3	3.2	5.5	6.5	2.0	1.1	500
007303050001	007303059901	3	M3	3.2	7.0	14.0	2.9	-	500
007103050001*	007103059901*	1	M3	3.2	6.0	8.5	2.2	-	500
007203050001†	007203059901†	2	M3	3.2	6.0	8.5	2.2	1.2	500
007403050001	007403059901	4	M3	3.2	5.5	14.0	2.8	1.7	500
007504050001	007504059901	2	M4	4.3	7.0	8.5	2.2	1.2	500
007404050001	007404059901	4	M4	4.3	7.0	16.0	3.5	2.3	500
007104050001*	007104059901*	1	M4	4.3	8.0	10.5	2.8	-	500
007204050001†	007204059901†	2	M4	4.3	8.0	10.5	2.8	1.7	500
007304050001	007304059901	3	M4	4.3	9.0	16.0	3.5	-	500
007405050001	007405059901	4	M5	5.3	8.5	18.0	4.0	2.7	500
007105050001*	007105059901*	1	M5	5.3	10.0	12.7	3.4	-	500
007205050001	007205059901	2	M5	5.3	10.0	12.7	3.4	2.2	500
007505050001	007505059901	2	M5	5.3	8.5	10.5	2.8	1.6	500
007305050001	007305059901	3	M5	5.3	11.0	18.0	3.8	-	500
-	1070050001VR	3	M5	5.3	14.0	18.0	3.5	-	1000
007506050001	007506059901	2	M6	6.4	10.0	12.7	3.4	2.1	500
007406050001	007406059901	4	M6	6.4	10.0	22.0	4.9	3.5	500
-	1075050001VR	2	M6	6.4	12.0	15.0	4.0	1.3	1000
007206050001†	007206059901†	2	M6	6.4	12.0	15.0	4.0	2.7	500
007106050001*	007106059901*	1	M6	6.4	12.0	15.0	4.0	-	500
007306050001	007306059901	3	M6	6.4	13.0	22.0	4.5	-	500
007508050001	007508059901	2	M8	8.4	13.0	15.0	4.0	2.6	500
007108050001*	007108059901*	1	M8	8.4	16.0	20.0	5.0	-	500
007208050001†	007208059901†	2	M8	8.4	16.0	20.0	5.0	3.5	500

\*DIN 95, 97, 963, 964, 965, 966, 7963, 7972, 7982, 7983, 7991, 7995, 7997

†DIN 85, 96, 7971, 7981, 7985, 7996

Refer for guidance only



Type 5

Part Number		Type	Size	Dimensions (mm)					Standard Pack Quantity
Natural	Black			d	d1	D	H	h	
007009050001	007009059901	5	M3	3.2	7.0	10.2	2.8	1.0	500
007011050001	007011059901	5	M4	4.3	9.0	12.0	3.2	1.0	500
007013050001	007013059901	5	M5	5.3	11.0	14.0	3.8	1.0	500
007015050001	007015059901	5	M6	6.4	13.0	16.0	4.5	1.2	500

## Saddle Washers

SR 1943

Nylon

- In Black or Natural
- For assembly of crossed round tubes



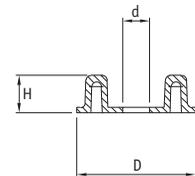
Part Number		Dimensions (mm)				Tube Dia. (mm)	Standard Pack Quantity
Natural	Black	D	d	H	h1		
102011000001	102011059901	10	3.3	4.2	2.0	9-11	500
102013000001	102013059901	13	4.2	5.5	2.2	12-14	500
102014000001	102014059901	13	5.2	5.5	2.2	12-14	500
102016000001	102016059901	16	5.0	6.8	2.4	15-17	500
102019000001	102019059901	19	5.2	8.0	2.7	18-20	100
102020000001	102020059901	19	6.2	8.0	2.7	18-20	100
102022000001	102022059901	22	5.2	9.0	3.0	21-23	100
102023000001	102023059901	22	6.2	9.0	3.0	21-23	100
102024000001	102024059901	22	8.2	9.0	3.0	21-23	100
102025000001	102025059901	25	6.2	10.0	3.1	24-26	100
102026000001	102026059901	25	8.3	10.0	3.1	24-26	100
102028000001	102028059901	28	6.2	11.0	3.3	27-29	100
102029000001	102029059901	28	8.3	11.0	3.3	27-29	100
102032000001	102032059901	32	8.3	12.0	3.4	30-34	100
102033000001	102033059901	32	10.4	12.0	3.4	30-34	100
102055000001	102055059901	40	6.6	13.0	5.0	50-60	50
102056000001	102056059901	40	16.5	12.0	5.0	50-60	50
102057000001	102057059901	40	10.4	14.0	5.0	50-60	50

## Headboard Washer

SR 1924

Natural LDPE

- Designed for use in fitting headboard to divan bed
- Prevents headboard screws from damaging wall

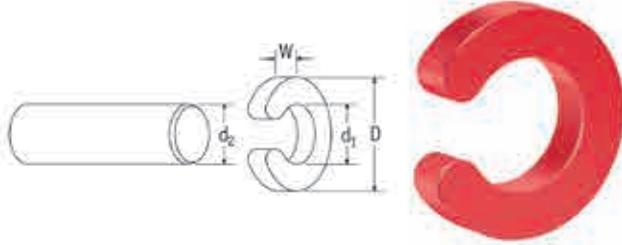


Part Number	Dimensions (mm)			Standard Pack Quantity
	D	d	h	
110726	36.0	8.4	11.7	2000

## Fixing Rings

SR 1938

Red POM



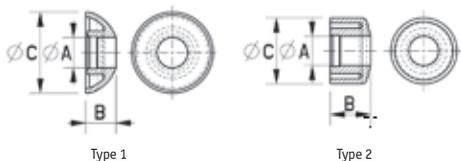
Part Number	Dimensions (mm)				Standard Pack Quantity
	D	d <sub>1</sub>	d <sub>2</sub>	W	
011103000505	6.0	2.5	3.0	2.0	500
011104000505	7.5	3.5	4.0	2.5	500
011105000505	9.0	4.5	5.0	2.5	500
011106000505	11.0	5.3	6.0	3.0	500
011108000505	13.0	7.0	8.0	3.0	500
011110000505	16.0	9.0	10.0	3.5	500
011112000505	19.0	11.0	12.0	4.0	500

## Quick Locking Ring

SR 5739

POM

- Natural colour
- Excellent for retaining light weight constructions
- Assembly and dismantling without special tools
- Can be used as slide washer on rotation centres
- Sterilisable



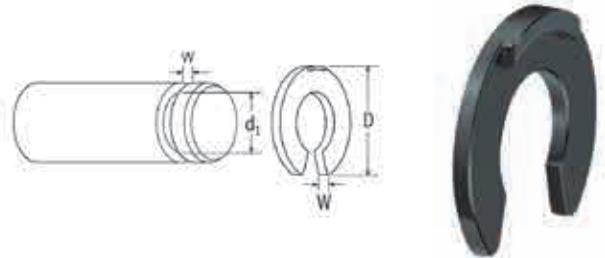
Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	A	B	C		
011003000005	3.0	5.0	12.5	1	500
011004000005	4.0	5.5	14.5	1	500
011005000005	5.0	5.5	14.5	1	500
011006000005	6.0	6.0	16.0	1	500
011006100005	6.0	8.0	13.0	2	500
011007100005	7.0	8.0	13.0	2	500
011008000005	8.0	5.5	16.0	1	500
011010000005	10.0	7.5	21.0	1	500
011012000005	12.0	7.5	21.0	1	500

## Retaining Rings

SR 1933

Black POM

- For axles with pre-manufactured groove
- Lip for easy assembly and dismantling



Part Number	Dimensions (mm)					Standard Pack Quantity
	D	d <sub>1</sub>	W	w	Tube Diameter	
011202359905	6.0	2.3	1.0	1.05	3.0 - 4.0	1000
011203259905	7.0	3.2	1.0	1.05	4.0 - 5.0	500
011204059905	9.0	4.0	1.1	1.15	5.0 - 7.0	500
011205059905	11.0	5.0	1.1	1.15	6.0 - 8.0	500
011206059905	14.0	6.0	1.3	1.35	7.0 - 11.0	500
011207059905	14.0	7.0	1.3	1.35	8.0 - 11.0	500
011209059905	18.5	9.0	1.4	1.5	10.0 - 14.0	500
011212059905	23.0	12.0	1.6	1.7	13.0 - 18.0	500

## Retaining Washers

SR 1947

Natural Nylon 6

- Lock and seal nuts and bolts in position



Part Number	Size	Dimensions (mm)			Standard Pack Quantity
		d	D	H	
016002000001	M2	2.1	5.0	1.7	1000
016002500001	M2.5	2.6	6.0	2.2	1000
016003000001	M3	3.1	8.0	2.5	1000
016104000001	M4	4.2	8.0	2.5	1000
016004000001	M4	4.2	10.0	2.8	1000
016105000001	M5	5.2	10.0	2.8	1000
016005000001	M5	5.2	10.7	3.0	1000
016106000001	M6	6.2	10.7	3.0	1000
016006000001	M6	6.2	12.7	3.8	500
016108000001	M8	8.2	14.0	3.7	500
016008000001	M8	8.2	16.2	4.2	500
016110000001	M10	10.2	16.0	4.2	500
016010000001	M10	10.2	20.0	5.2	500
016112000001	M12	12.2	20.0	5.0	500
016012000001	M12	12.2	24.0	5.2	100
016116000001	M16	16.2	25.0	6.0	100
016016000001	M16	16.2	30.0	5.9	100
016020000001	M20	20.3	36.0	6.8	100

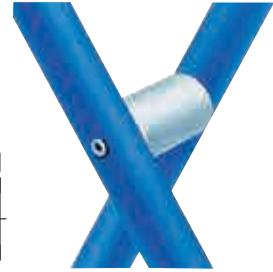
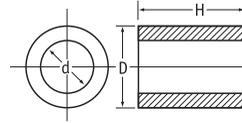
# WASHERS, SPACERS AND BUSHES

## Spacers

### SR 1941

#### Nylon 6.6

- Cost-effective alternative to metal
- Absorb shock and vibration
- Range covers most diameters
- Some sizes available in POM\* and Polystyrene (PS)#



Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
00515000005*	005150059905*	2.2	4.0	2.0	1000
00515000014#	005150059914#	2.2	4.0	2.0	1000
00515060005*	005150659905*	2.2	4.0	3.0	1000
00515060014#	005150659914#	2.2	4.0	3.0	1000
00515120005*	005151259905*	2.2	4.0	4.0	1000
00515120014#	005151259914#	2.2	4.0	4.0	1000
00515180005*	005151859905*	2.2	4.0	5.0	1000
00515180014#	005151859914#	2.2	4.0	5.0	1000
00515240014#	005152459914#	2.2	4.0	6.0	1000
00515360005*	005153659905*	2.2	4.0	8.0	1000
00515360014#	005153659914#	2.2	4.0	8.0	1000
00515480005*	005154859905*	2.2	4.0	10.0	1000
00515480014#	005154859914#	2.2	4.0	10.0	1000
00515600005*	005156059905*	2.2	4.0	12.0	1000
00515600014#	005156059914#	2.2	4.0	12.0	1000
00515780005*	005157859905*	2.2	4.0	15.0	1000
00515780014#	005157859914#	2.2	4.0	15.0	1000
00515960005*	005159659905*	2.2	4.0	18.0	1000
00515960014#	005159659914#	2.2	4.0	18.0	1000
00516080005*	005160859905*	2.2	4.0	20.0	1000
00516080014#	005160859914#	2.2	4.0	20.0	1000
00516380005*	005163859905*	2.2	4.0	25.0	1000
00516380014#	005163859914#	2.2	4.0	25.0	1000
00516680005*	005166859905*	2.2	4.0	30.0	1000
00516680014#	005166859914#	2.2	4.0	30.0	1000
1113430000VR	-	2.5	5.0	8.0	1000
00520000005*	005200059905*	2.6	4.0	2.0	1000
00520300005*	005203059905*	2.6	4.0	3.0	1000
00520600005*	005206059905*	2.6	4.0	5.0	1000
00520900005*	005209059905*	2.6	4.0	7.5	1000
00521200005*	005212059905*	2.6	4.0	10.0	1000
00521500005*	005215059905*	2.6	4.0	15.0	1000
00521800005*	005218059905*	2.6	4.0	20.0	1000
00522100005*	005221059905*	2.6	4.0	25.0	1000
00522400005*	005224059905*	2.6	4.0	30.0	1000
00523700005*	005237059905*	2.6	5.0	2.0	1000
00524000005*	005240059905*	2.6	5.0	3.0	1000
00524300005*	005243059905*	2.6	5.0	5.0	1000
00524600005*	005246059905*	2.6	5.0	7.5	1000
00524900005*	005249059905*	2.6	5.0	10.0	1000
00525200005*	005252059905*	2.6	5.0	15.0	1000
00525500005*	005255059905*	2.6	5.0	20.0	1000
00525800005*	005258059905*	2.6	5.0	25.0	1000
00526100005*	005261059905*	2.6	5.0	30.0	1000
1110760000VR	-	3.1	6.0	5.0	1000
00527400005*	005274059905*	3.1	5.0	2.0	1000
00527700005*	005277059905*	3.1	5.0	3.0	1000
00528000005*	005280059905*	3.1	5.0	5.0	1000
00528300005*	005283059905*	3.1	5.0	7.5	1000
00528600005*	005286059905*	3.1	5.0	10.0	1000
00528900005*	005289059905*	3.1	5.0	15.0	1000
00529200005*	005292059905*	3.1	5.0	20.0	1000
00529500005*	005295059905*	3.1	5.0	25.0	1000
00529800005*	005298059905*	3.1	5.0	30.0	1000
00531100002	005311059902	3.1	6.0	2.0	1000

Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
00531400002	005314059902	3.1	6.0	3.0	1000
00531550002	005315559902	3.1	6.0	4.0	1000
00531700002	005317059902	3.1	6.0	5.0	1000
00531820002	005318259902	3.1	6.0	6.0	1000
00532000002	005320059902	3.1	6.0	7.5	1000
00532060002	005320659902	3.1	6.0	8.0	1000
00532300002	005323059902	3.1	6.0	10.0	1000
00532420002	005324259902	3.1	6.0	12.0	1000
00532600002	005326059902	3.1	6.0	15.0	1000
00532780002	005327859902	3.1	6.0	18.0	500
00532900002	005329059902	3.1	6.0	20.0	500
00533200002	005332059902	3.1	6.0	25.0	500
00533500002	005335059902	3.1	6.0	30.0	500
00533650002	-	3.1	6.0	35.0	500
00533800002	005338059902	3.1	6.0	40.0	500
00534800002	005348059902	3.1	8.0	3.0	500
00535100002	005351059902	3.1	8.0	5.0	500
00535400002	005354059902	3.1	8.0	7.5	500
00535700002	005357059902	3.1	8.0	10.0	500
1285196	-	3.1	8.0	15.0	500
1253928	-	3.1	8.0	25.0	500
1283929	-	3.1	8.0	30.0	500
00537120002	005371259902	3.4	6.0	2.0	500
005371200014#	005371259914#	3.4	6.0	2.0	500
00537140002	005371459902	3.4	6.0	3.0	500
005371400014#	005371459914#	3.4	6.0	3.0	500
00537160002	005371659902	3.4	6.0	4.0	500
005371600014#	005371659914#	3.4	6.0	4.0	500
00537180002	005371859902	3.4	6.0	5.0	500
005371800014#	005371859914#	3.4	6.0	5.0	500
00537200002	005372059902	3.4	6.0	6.0	500
005372000014#	005372059914#	3.4	6.0	6.0	500
00537240002	005372459902	3.4	6.0	8.0	500
005372400014#	005372459914#	3.4	6.0	8.0	500
00537280002	005372859902	3.4	6.0	10.0	500
005372800014#	005372859914#	3.4	6.0	10.0	500
00537320002	005373259902	3.4	6.0	12.0	500
005373200014#	005373259914#	3.4	6.0	12.0	500
00537380002	005373859902	3.4	6.0	15.0	500
005373800014#	005373859914#	3.4	6.0	15.0	500
00537440002	005374459902	3.4	6.0	18.0	500
005374400014#	005374459914#	3.4	6.0	18.0	500
00537480002	005374859902	3.4	6.0	20.0	500
005374800014#	005374859914#	3.4	6.0	20.0	500
00537580002	-	3.4	6.0	25.0	500
005375800014#	005375859914#	3.4	6.0	25.0	500
00537680002	005376859902	3.4	6.0	30.0	250
005376800014#	005376859914#	3.4	6.0	30.0	500
00537780002	005377859902	3.4	6.0	35.0	250
005377800014#	005377859914#	3.4	6.0	35.0	250
00537880002	005378859902	3.4	6.0	40.0	250
005378800014#	005378859914#	3.4	6.0	40.0	250
1110390000VR	-	3.5	6.0	5.0	1000
00538500002	005385059902	3.6	6.0	3.0	500

CONTINUED ON NEXT PAGE

## Spacers CONTINUED

SR 1941

Nylon 6.6

Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
005386500002	00538659902	3.6	6.0	4.0	500
005388000002	00538805902	3.6	6.0	5.0	500
005389200002	00538925902	3.6	6.0	6.0	500
005391000002	00539105902	3.6	6.0	7.5	500
005209000005*	005209059905*	2.6	4.0	7.5	1000
005391600002	005391659902	3.6	6.0	8.0	500
1111170000VR	005394059902	3.6	6.0	10.0	1000
005395200002	005395259902	3.6	6.0	12.0	500
1110950000VR	005397059902	3.6	6.0	15.0	1000
005398800002	-	3.6	6.0	18.0	500
1110960000VR	005400059902	3.6	6.0	20.0	1000
005403000002	005403059902	3.6	6.0	25.0	500
1110980000VR	005406059902	3.6	6.0	30.0	1000
1116000000VR	-	4.0	8.0	8.0	100
1115950000VR	-	4.15	8.0	8.0	100
005419000002	005419059902	4.2	8.0	3.0	500
005419000014#	005419059914#	4.2	8.0	3.0	500
1114160000VR	00542059902	4.2	8.0	4.0	1000
005420500014#	00542059914#	4.2	8.0	4.0	500
005422000002	005422059902	4.2	8.0	5.0	500
005422000014#	005422059914#	4.2	8.0	5.0	500
005423200002	005423259902	4.2	8.0	6.0	500
005423200014#	005423259914#	4.2	8.0	6.0	500
1114170000VR	-	4.2	8.0	7.0	1000
1110580000VR	005425059902	4.2	8.0	7.5	1000
1111020000VR	005425659902	4.2	8.0	8.0	1000
005425600014#	005425659914#	4.2	8.0	8.0	500
1114180000VR	-	4.2	8.0	9.0	1000
1110590000VR	005428059902	4.2	8.0	10.0	500
005428000014#	005428059914#	4.2	8.0	10.0	500
1114190000VR	-	4.2	8.0	11.0	1000
005429200002	005429259902	4.2	8.0	12.0	1000
005429200014#	005429259914#	4.2	8.0	12.0	500
1114200000VR	-	4.2	8.0	13.0	1000
1114210000VR	-	4.2	8.0	14.0	1000
1110610000VR	005431059902	4.2	8.0	15.0	1000
005431000014#	005431059914#	4.2	8.0	15.0	500
1116510000VR	-	4.2	8.0	16.0	1000
1116520000VR	-	4.2	8.0	17.0	1000
1116530000VR	005432859902	4.2	8.0	18.0	1000
005432800014#	005432859914#	4.2	8.0	18.0	500
1116540000VR	-	4.2	8.0	19.0	1000
1110620000VR	005434059902	4.2	8.0	20.0	1000
005434000014#	005434059914#	4.2	8.0	20.0	500
1110630000VR	005437059902	4.2	8.0	25.0	1000
005437000014#	005437059914#	4.2	8.0	25.0	500
1110640000VR	005440059902	4.2	8.0	30.0	1000
005440000014#	005440059914#	4.2	8.0	30.0	500
005441000002	005441059902	4.2	8.0	35.0	250
005442000002	005442059902	4.2	8.0	40.0	250
005412500002	00541259902	4.7	6.2	5.0	500
005453000002	005453059902	5.2	10.0	3.0	500
005453000014#	005453059914#	5.2	10.0	3.0	500
1114390000VR	00545459902	5.2	10.0	4.0	1000
005454500014#	00545459914#	5.2	10.0	4.0	500
005456000002	005456059902	5.2	10.0	5.0	500
005456000014#	005456059914#	5.2	10.0	5.0	500
1111200000VR	005457259902	5.2	10.0	6.0	1000
005457200014#	005457259914#	5.2	10.0	6.0	500
1114400000VR	-	5.2	10.0	7.0	1000
1110670000VR	005459059902	5.2	10.0	7.5	1000
1111210000VR	005459659902	5.2	10.0	8.0	500
005459600014#	005459659914#	5.2	10.0	8.0	500
1114410000VR	-	5.2	10.0	9.0	1000
1110680000VR	005462059902	5.2	10.0	10.0	1000
005462000014#	005462059914#	5.2	10.0	10.0	500
1114420000VR	-	5.2	10.0	11.0	1000

\*POM #PS

Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
1111230000VR	005463259902	5.2	10.0	12.0	1000
005463200014#	005463259914#	5.2	10.0	12.0	500
1114430000VR	-	5.2	10.0	13.0	1000
1114440000VR	-	5.2	10.0	14.0	1000
1110690000VR	005465059902	5.2	10.0	15.0	1000
005465000014#	005465059914#	5.2	10.0	15.0	250
1114450000VR	-	5.2	10.0	16.0	1000
1114460000VR	-	5.2	10.0	17.0	1000
1114480000VR	005466859902	5.2	10.0	18.0	1000
005466800014#	005466859914#	5.2	10.0	18.0	250
1114490000VR	-	5.2	10.0	19.0	1000
005468000002	005468059902	5.2	10.0	20.0	250
005468000014#	005468059914#	5.2	10.0	20.0	250
005471000002	005471059902	5.2	10.0	25.0	250
005471000014#	005471059914#	5.2	10.0	25.0	250
1110720000VR	005474059902	5.2	10.0	30.0	1000
005474000014#	005474059914#	5.2	10.0	30.0	250
005475000002	005475059902	5.2	10.0	35.0	250
005476000002	005476059902	5.2	10.0	40.0	250
005486500002	00548659902	5.2	18.0	8.0	100
1140540000VR	-	6.1	8.0	4.2	1000
1140550000VR	-	6.1	8.0	6.0	1000
005487000002	005487059902	6.2	10.0	3.0	500
1114500000VR	-	6.2	10.0	4.0	1000
005490000002	005490059902	6.2	10.0	5.0	500
1114510000VR	-	6.2	10.0	6.0	1000
1114520000VR	-	6.2	10.0	7.0	1000
005493000002	005493059902	6.2	10.0	7.5	250
1114530000VR	-	6.2	10.0	8.0	1000
1114540000VR	-	6.2	10.0	9.0	1000
005496000002	005496059902	6.2	10.0	10.0	250
1114550000VR	-	6.2	10.0	11.0	1000
1114560000VR	-	6.2	10.0	12.0	1000
1114570000VR	-	6.2	10.0	13.0	1000
1114580000VR	-	6.2	10.0	14.0	1000
1111380000VR	005499059902	6.2	10.0	15.0	1000
1114590000VR	-	6.2	10.0	16.0	1000
1114600000VR	-	6.2	10.0	17.0	1000
1114610000VR	-	6.2	10.0	18.0	1000
1114620000VR	-	6.2	10.0	19.0	1000
005502000002	005502059902	6.2	10.0	20.0	250
005505000002	005505059902	6.2	10.0	25.0	100
005508000002	005508059902	6.2	10.0	30.0	250
005509000002	005509059902	6.2	10.0	35.0	250
005511000002	005511059902	6.2	10.0	40.0	250
1115890000VR	-	6.2	12.0	25.0	1000
005521000002	005521059902	6.3	15.0	3.0	250
005524000002	005524059902	6.3	15.0	5.0	250
1111440000VR	005527059902	6.3	15.0	7.5	1000
1111450000VR	005530059902	6.3	15.0	10.0	1000
1111460000VR	005533059902	6.3	15.0	15.0	1000
1110910000VR	005536059902	6.3	15.0	20.0	1000
1111480000VR	005539059902	6.3	15.0	25.0	1000
005542000002	005542059902	6.3	15.0	30.0	100
005543000002	005543059902	6.3	15.0	35.0	100
005544000002	005544059902	6.3	15.0	40.0	100
005555000002	005555059902	8.2	12.0	3.0	500
005558000002	005558059902	8.2	12.0	5.0	500
1111600000VR	005561059902	8.2	12.0	7.5	500
1110890000VR	005564059902	8.2	12.0	10.0	500
1111620000VR	005567059902	8.2	12.0	15.0	500
1111630000VR	005570059902	8.2	12.0	20.0	500
1111640000VR	005573059902	8.2	12.0	25.0	100
1111650000VR	005576059902	8.2	12.0	30.0	500
005578000002	005578059902	8.2	12.0	35.0	100
005580000002	005580059902	8.2	12.0	40.0	100
005587000002	005587059902	8.2	15.0	4.5	250

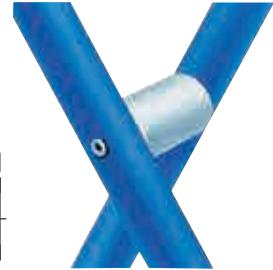
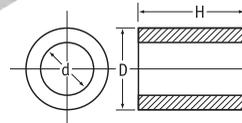
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# WASHERS, SPACERS AND BUSHES

## Spacers CONTINUED

SR 1941

Nylon 6.6



Part Number		Dimensions (mm)			Standard Pack
Natural	Black	d	D	H	Quantity
1001440000VR	-	8.2	16.0	4.0	1000
1110860000VR	-	8.2	16.0	5.0	1000
1110920000VR	-	8.2	16.0	6.0	500
1115030000VR	-	8.2	16.0	7.0	1000
1111530000VR	-	8.2	16.0	8.0	1000
1111504000VR	-	8.2	16.0	9.0	1000
1111540000VR	-	8.2	16.0	10.0	1000
1115050000VR	-	8.2	16.0	11.0	1000
1111550000VR	-	8.2	16.0	12.0	1000
1115060000VR	-	8.2	16.0	13.0	1000
1115070000VR	-	8.2	16.0	14.0	1000
1111560000VR	-	8.2	16.0	15.0	1000
1115080000VR	-	8.2	16.0	16.0	1000
1115090000VR	-	8.2	16.0	17.0	1000
1115100000VR	-	8.2	16.0	18.0	1000
1115110000VR	-	8.2	16.0	19.0	1000
1111570000VR	-	8.2	16.0	20.0	1000
1117880000VR	-	8.2	16.0	21.0	1000
1117890000VR	-	8.2	16.0	22.0	1000
1117900000VR	-	8.2	16.0	23.0	1000
1117910000VR	-	8.2	16.0	24.0	1000
1117920000VR	-	8.2	16.0	25.0	1000
1117930000VR	-	8.2	16.0	26.0	1000
1117940000VR	-	8.2	16.0	27.0	1000
1117950000VR	-	8.2	16.0	28.0	1000
1117960000VR	-	8.2	16.0	29.0	1000
1117970000VR	-	8.2	16.0	30.0	1000
005589000002	005589059902	8.2	18.0	3.0	100
005592000002	005592059902	8.2	18.0	5.0	100
005595000002	005595059902	8.2	18.0	7.5	100
005598000002	005598059902	8.2	18.0	10.0	100
005601000002	005601059902	8.2	18.0	15.0	100
005604000002	005604059902	8.2	18.0	20.0	100
005607000002	005607059902	8.2	18.0	25.0	100
005610000002	005610059902	8.2	18.0	30.0	100
005610500002	005610559902	8.2	18.0	35.0	50
005611000002	005611059902	8.2	18.0	40.0	50
1116100000VR	-	10.0	12.0	6.0	1000
1140740000VR	-	10.0	21.7	17.0	100
1001560000VR	-	10.2	20.0	4.0	1000
1115940000VR	-	10.2	20.0	4.5	1000
1111750000VR	-	10.2	20.0	5.0	1000
1111760000VR	-	10.2	20.0	6.0	1000
1115200000VR	-	10.2	20.0	7.0	1000
1115210000VR	-	10.2	20.0	8.0	1000
1115220000VR	-	10.2	20.0	9.0	1000
1111780000VR	-	10.2	20.0	10.0	1000
1115230000VR	-	10.2	20.0	11.0	1000
1111790000VR	-	10.2	20.0	12.0	1000
1115240000VR	-	10.2	20.0	13.0	1000
1115250000VR	-	10.2	20.0	14.0	1000
1111800000VR	-	10.2	20.0	15.0	1000
1115260000VR	-	10.2	20.0	16.0	1000
1115270000VR	-	10.2	20.0	17.0	1000

Part Number		Dimensions (mm)			Standard Pack
Natural	Black	d	D	H	Quantity
1115280000VR	-	10.2	20.0	18.0	1000
1115290000VR	-	10.2	20.0	19.0	1000
1111810000VR	-	10.2	20.0	20.0	1000
1118440000VR	-	10.2	20.0	21.0	1000
1118450000VR	-	10.2	20.0	22.0	1000
1118460000VR	-	10.2	20.0	23.0	1000
1118470000VR	-	10.2	20.0	24.0	1000
1118480000VR	-	10.2	20.0	25.0	1000
1118490000VR	-	10.2	20.0	26.0	1000
1118500000VR	-	10.2	20.0	27.0	1000
1118510000VR	-	10.2	20.0	28.0	1000
1118520000VR	-	10.2	20.0	29.0	1000
1118530000VR	-	10.2	20.0	30.0	1000
005623000002	005623059902	10.3	15.0	3.0	250
005626000002	005626059902	10.3	15.0	5.0	250
005629000002	005629059902	10.3	15.0	7.5	250
005632000002	005632059902	10.3	15.0	10.0	250
005635000002	005635059902	10.3	15.0	15.0	250
005638000002	005638059902	10.3	15.0	20.0	100
005641000002	005641059902	10.3	15.0	25.0	100
005644000002	005644059902	10.3	15.0	30.0	100
005645000002	005645059902	10.3	15.0	35.0	100
005645200002	005645259902	10.3	15.0	36.5	100
005646000002	005646059902	10.3	15.0	40.0	100
005660000002	005660059902	10.6	22.0	5.0	100
005663000002	005663059902	10.6	22.0	10.0	50
005669000002	005669059902	10.6	22.0	15.0	50
005671000002	005671059902	10.6	22.0	20.0	50
005675000002	005675059902	10.6	22.0	25.0	50
005678000002	005678059902	10.6	22.0	30.0	50
005681000002	005681059902	10.6	22.0	35.0	50
005684000002	005684059902	10.6	22.0	40.0	50
005687000002	005687059902	10.6	22.0	45.0	50
005690000002	005690059902	10.6	22.0	50.0	25
005690500002	005690559902	10.6	22.0	55.0	25
005691000002	005691059902	10.6	22.0	60.0	25
005691500002	005691559902	10.6	22.0	65.0	25
005692000002	005692059902	10.6	22.0	70.0	25
005692500002	005692559902	10.6	22.0	75.0	25
005693000002	005693059902	10.6	22.0	80.0	25
005700500002	005700559902	11.2	18.0	6.0	100
1343705	-	12.0	23.0	4.0	1000
1115870000VR	-	12.0	30.0	7.0	1000
005740000002	005740059902	12.6	25.0	5.0	100
005743000002	005743059902	12.6	25.0	10.0	50
005746000002	005746059902	12.6	25.0	15.0	50
005749000002	005749059902	12.6	25.0	20.0	50
005752000002	005752059902	12.6	25.0	25.0	50
005755000002	005755059902	12.6	25.0	30.0	50
005758000002	005758059902	12.6	25.0	35.0	50
005761000002	005761059902	12.6	25.0	40.0	50
005764000002	005764059902	12.6	25.0	45.0	50
005767000002	005767059902	12.6	25.0	50.0	25
005768000002	005768059902	12.6	25.0	55.0	25

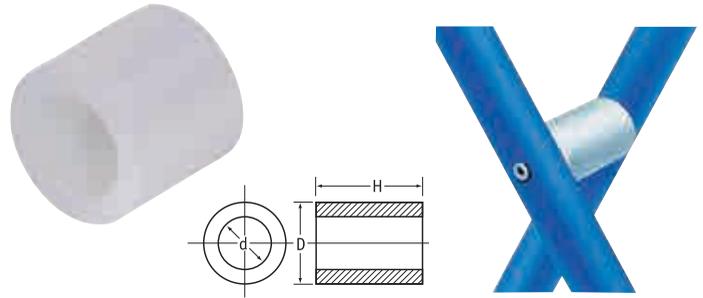
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## Spacers CONTINUED

SR 1941

Nylon 6.6



Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
005769000002	005769059902	12.6	25.0	60.0	25
005770000002	005770059902	12.6	25.0	65.0	25
005771000002	005771059902	12.6	25.0	70.0	25
005772000002	-	12.6	25.0	75.0	25
005773000002	005773059902	12.6	25.0	80.0	25
005703000002	005703059902	12.8	18.0	3.0	100
005706000002	005706059902	12.8	18.0	5.0	100
1112020000VR	005709059902	12.8	18.0	7.5	100
1112030000VR	005712059902	12.8	18.0	10.0	1000
1112040000VR	005715059902	12.8	18.0	15.0	1000
1112050000VR	005718059902	12.8	18.0	20.0	100
005721000002	005721059902	12.8	18.0	25.0	100
1112070000VR	005724059902	12.8	18.0	30.0	1000
005726000002	005726059902	12.8	18.0	35.0	100
005728000002	005728059902	12.8	18.0	40.0	100
1115880000VR	-	16.0	30.0	7.0	1000
005819600002	005819659902	16.5	25.0	5.0	100
005821600002	005821659902	16.5	25.0	10.0	50

Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	d	D	H	
005823600002	005823659902	16.5	25.0	15.0	50
005825600002	005825659902	16.5	25.0	20.0	50
005827600002	005827659902	16.5	25.0	25.0	50
005829600002	005829659902	16.5	25.0	30.0	50
005831600002	005831659902	16.5	25.0	35.0	50
005833600002	005833659902	16.5	25.0	40.0	50
005835600002	005835659902	16.5	25.0	45.0	50
005837600002	005837659902	16.5	25.0	50.0	50
005839600002	-	16.5	25.0	55.0	50
005841600002	005841659902	16.5	25.0	60.0	50
005843600002	-	16.5	25.0	65.0	50
005845600002	005845659902	16.5	25.0	70.0	25
005847600002	005847659902	16.5	25.0	75.0	25
005849600002	005849659902	16.5	25.0	80.0	25
1343704	-	20.0	32.0	4.0	500
1115970000VR	-	20.0	39.0	4.0	100
1115990000VR	-	25.0	31.3	4.0	100

# QUESTIONS? GIVE US A CALL

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**Call 01 806 2266**  
[www.essentracomponents.ie](http://www.essentracomponents.ie)



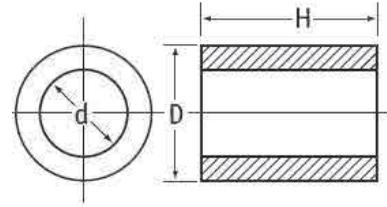
## Heat Stabilised Spacers

SR K-0000

Black Heat Stabilised PA

UL94-V2

- Absorbs shock and vibration
- Good in applications where heat can build up, caused by friction or movement
- Excellent heat resistance properties



Part Number	Dimensions (mm)			Standard Pack Quantity
	d	D	H	
13ME001	4.0	2.6	2.0	1000
13ME002	4.0	2.6	3.0	1000
13ME003	4.0	2.6	5.0	1000
13ME004	4.0	2.6	7.5	1000
13ME005	4.0	2.6	10.0	1000
13ME006	4.0	2.6	15.0	1000
13ME007	4.0	2.6	20.0	1000
13ME010	5.0	2.6	2.0	1000
13ME011	5.0	2.6	3.0	1000
13ME012	5.0	2.6	5.0	1000
13ME013	5.0	2.6	7.5	1000
13ME014	5.0	2.6	10.0	1000
13ME015	5.0	2.6	15.0	1000
13ME016	5.0	2.6	20.0	1000
13ME019	5.0	3.2	2.0	1000
13ME020	5.0	3.2	3.0	1000
13ME021	5.0	3.2	5.0	1000
13ME022	5.0	3.2	7.5	1000
13ME023	5.0	3.2	10.0	1000
13ME024	5.0	3.2	15.0	1000
13ME025	5.0	3.2	20.0	1000
13ME028	6.0	3.2	3.0	1000
13ME029	6.0	3.2	5.0	1000
13ME030	6.0	3.2	7.5	1000
13ME031	6.0	3.2	10.0	1000
13ME032	6.0	3.2	15.0	1000
13ME033	6.0	3.2	20.0	1000
13ME036	8.0	3.2	3.0	1000
13ME037	8.0	3.2	5.0	1000
13ME038	8.0	3.2	7.5	1000
13ME039	8.0	3.2	10.0	1000
13ME040	8.0	3.2	15.0	1000
13ME041	8.0	3.2	20.0	500
13ME044	6.0	3.6	3.0	1000
13ME045	6.0	3.6	5.0	1000
13ME046	6.0	3.6	7.5	1000
13ME047	6.0	3.6	10.0	1000
13ME048	6.0	3.6	15.0	1000
13ME049	6.0	3.6	20.0	1000
13ME052	8.0	4.3	3.0	1000
13ME053	8.0	4.3	5.0	1000
13ME054	8.0	4.3	7.5	1000
13ME055	8.0	4.3	10.0	1000
13ME056	8.0	4.3	15.0	1000
13ME057	8.0	4.3	20.0	1000
13ME060	10.0	5.3	3.0	1000
13ME061	10.0	5.3	5.0	1000
13ME062	10.0	5.3	7.5	1000
13ME063	10.0	5.3	10.0	1000
13ME064	10.0	5.3	15.0	500
13ME065	10.0	5.3	20.0	1000
13ME068	10.0	6.3	3.0	1000

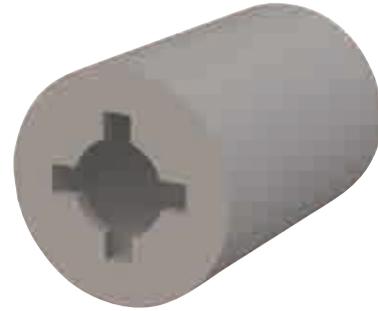
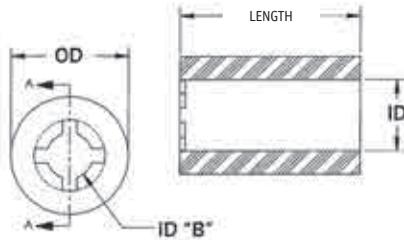
Part Number	Dimensions (mm)			Standard Pack Quantity
	d	D	H	
13ME069	10.0	6.3	5.0	1000
13ME070	10.0	6.3	7.5	1000
13ME071	10.0	6.3	10.0	1000
13ME072	10.0	6.3	15.0	500
13ME073	10.0	6.3	20.0	500
13ME074	10.0	6.3	25.0	1000
13ME075	10.0	6.3	30.0	500
13ME076	15.0	6.5	3.0	500
13ME077	15.0	6.5	5.0	500
13ME078	15.0	6.5	7.5	500
13ME079	15.0	6.5	10.0	1000
13ME080	15.0	6.5	15.0	1000
13ME081	15.0	6.5	20.0	1000
13ME083	15.0	6.5	30.0	500
13ME084	12.0	8.3	3.0	1000
13ME085	12.0	8.3	5.0	1000
13ME086	12.0	8.3	7.5	500
13ME087	12.0	8.3	10.0	500
13ME088	12.0	8.3	15.0	1000
13ME089	12.0	8.3	20.0	1000
13ME091	12.0	8.3	30.0	500
13ME092	18.0	8.3	3.0	500
13ME093	18.0	8.3	5.0	500
13ME094	18.0	8.3	7.5	1000
13ME095	18.0	8.3	10.0	1000
13ME096	18.0	8.3	15.0	500
13ME097	18.0	8.3	20.0	500
13ME098	18.0	8.3	25.0	1000
13ME099	18.0	8.3	30.0	250
13ME100	15.0	10.4	3.0	1000
13ME101	15.0	10.4	5.0	1000
13ME102	15.0	10.4	7.5	1000
13ME103	15.0	10.4	10.0	500
13ME104	15.0	10.4	15.0	1000
13ME105	15.0	10.4	20.0	500
13ME108	22.0	10.4	5.0	1000
13ME109	22.0	10.4	10.0	500
13ME110	22.0	10.4	15.0	1000
13ME111	22.0	10.4	20.0	250
13ME118	18.0	13.3	3.0	1000
13ME119	18.0	13.3	5.0	1000
13ME120	18.0	13.3	7.5	1000
13ME121	18.0	13.3	10.0	1000
13ME122	18.0	13.3	15.0	1000
13ME123	18.0	13.3	20.0	500
13ME124	18.0	13.3	25.0	500
13ME126	25.0	13.3	5.0	1000
13ME127	25.0	13.3	10.0	500
13ME128	25.0	13.3	15.0	1000
13ME129	25.0	13.3	20.0	1000
13ME132	10.0	6.3	28.0	1000

## Retaining Spacers

SR K-0001

Natural PA 6.6

- Specially configured ID designed to grip the screw shank
- These spacers remain attached to the screw for quick, easy assembly



Part Number	Dimensions (mm)				Standard Pack Quantity
	OD	ID	ID "B"	Length	
13SPRT031	6.35	2.92	1.98	3.18	1000
13SPRT032	6.35	2.92	1.98	4.76	1000
13SPRT033	6.35	2.92	1.98	6.35	1000
13SPRT034	6.35	2.92	1.98	7.94	1000
13SPRT035	6.35	2.92	1.98	9.53	1000
13SPRT036	6.35	2.92	1.98	11.11	1000
13SPRT037	6.35	2.92	1.98	12.7	1000
13SPRT038	6.35	2.92	1.98	14.29	1000
13SPRT039	6.35	2.92	1.98	15.88	1000
13SPRT040	6.35	2.92	1.98	17.46	1000
13SPRT041	6.35	2.92	1.98	19.05	1000
13SPRT042	6.35	2.92	1.98	20.64	1000
13SPRT043	6.35	2.92	1.98	22.23	1000
13SPRT044	6.35	2.92	1.98	23.81	1000
13SPRT045	6.35	2.92	1.98	25.4	1000
13SPRT046	6.35	3.96	2.59	3.18	1000
13SPRT047	6.35	3.96	2.59	4.76	1000
13SPRT048	6.35	3.96	2.59	6.35	1000
13SPRT049	6.35	3.96	2.59	7.94	1000
13SPRT050	6.35	3.96	2.59	9.53	1000
13SPRT051	6.35	3.96	2.59	11.11	1000
13SPRT052	6.35	3.96	2.59	12.7	1000
13SPRT053	6.35	3.96	2.59	14.29	1000
13SPRT054	6.35	3.96	2.59	15.88	1000
13SPRT055	6.35	3.96	2.59	17.46	1000
13SPRT056	6.35	3.96	2.59	19.05	1000
13SPRT057	6.35	3.96	2.59	20.64	1000
13SPRT058	6.35	3.96	2.59	22.23	1000
13SPRT059	6.35	3.96	2.59	23.81	1000
13SPRT060	6.35	3.96	2.59	25.4	1000
13SPRT061	7.94	5.03	3.25	3.18	1000
13SPRT062	7.94	5.03	3.25	4.76	1000
13SPRT063	7.94	5.03	3.25	6.35	1000
13SPRT064	7.94	5.03	3.25	7.94	1000
13SPRT065	7.94	5.03	3.25	9.53	1000
13SPRT066	7.94	5.03	3.25	11.11	1000
13SPRT067	7.94	5.03	3.25	12.7	1000
13SPRT068	7.94	5.03	3.25	14.29	1000
13SPRT069	7.94	5.03	3.25	15.88	1000
13SPRT070	7.94	5.03	3.25	17.46	1000
13SPRT071	7.94	5.03	3.25	19.05	1000
13SPRT072	7.94	5.03	3.25	20.64	1000
13SPRT073	7.94	5.03	3.25	22.23	1000
13SPRT074	7.94	5.03	3.25	23.81	1000
13SPRT075	7.94	5.03	3.25	25.4	1000
13SPRT076	9.53	6.1	3.86	3.18	1000

Part Number	Dimensions (mm)				Standard Pack Quantity
	OD	ID	ID "B"	Length	
13SPRT077	9.53	6.1	3.86	4.76	1000
13SPRT078	9.53	6.1	3.86	6.35	1000
13SPRT079	9.53	6.1	3.86	7.94	1000
13SPRT080	9.53	6.1	3.86	9.53	1000
13SPRT081	9.53	6.1	3.86	11.11	500
13SPRT082	9.53	6.1	3.86	12.7	500
13SPRT083	9.53	6.1	3.86	14.29	500
13SPRT084	9.53	6.1	3.86	15.88	500
13SPRT085	9.53	6.1	3.86	17.46	500
13SPRT086	9.53	6.1	3.86	19.05	500
13SPRT087	9.53	6.1	3.86	20.64	1000
13SPRT088	9.53	6.1	3.86	22.23	1000
13SPRT089	9.53	6.1	3.86	23.81	500
13SPRT090	9.53	6.1	3.86	25.4	250
13SPRT091	12.7	7.04	4.5	3.18	1000
13SPRT092	12.7	7.04	4.5	4.76	1000
13SPRT093	12.7	7.04	4.5	6.35	1000
13SPRT094	12.7	7.04	4.5	7.94	500
13SPRT095	12.7	7.04	4.5	9.53	500
13SPRT096	12.7	7.04	4.5	11.11	1000
13SPRT097	12.7	7.04	4.5	12.7	1000
13SPRT098	12.7	7.04	4.5	14.29	1000
13SPRT099	12.7	7.04	4.5	15.88	1000
13SPRT100	12.7	7.04	4.5	17.46	500
13SPRT101	12.7	7.04	4.5	19.05	1000
13SPRT102	12.7	7.04	4.5	20.64	1000
13SPRT103	12.7	7.04	4.5	22.23	1000
13SPRT104	12.7	7.04	4.5	23.81	1000
13SPRT105	12.7	7.04	4.5	25.4	500
13SPRT106	12.7	9.53	5.94	3.18	1000
13SPRT107	12.7	9.53	5.94	4.76	1000
13SPRT108	12.7	9.53	5.94	6.35	1000
13SPRT109	12.7	9.53	5.94	7.94	1000
13SPRT110	12.7	9.53	5.94	9.53	500
13SPRT111	12.7	9.53	5.94	11.11	1000
13SPRT112	12.7	9.53	5.94	12.7	1000
13SPRT113	12.7	9.53	5.94	14.29	1000
13SPRT114	12.7	9.53	5.94	15.88	1000
13SPRT115	12.7	9.53	5.94	17.46	1000
13SPRT116	12.7	9.53	5.94	19.05	1000
13SPRT117	12.7	9.53	5.94	20.64	1000
13SPRT118	12.7	9.53	5.94	22.23	1000
13SPRT119	12.7	9.53	5.94	23.81	1000
13SPRT120	12.7	9.53	5.94	25.4	1000
13SPRT121	6.35	3.96	2.59	15.06	1000
13SPRT122	6.35	2.92	1.98	15.06	1000

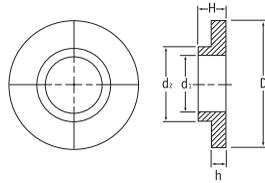
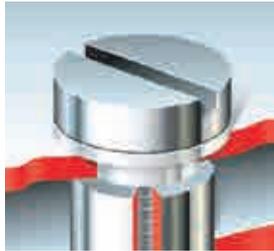
# WASHERS, SPACERS AND BUSHES

## Insulation Sleeves – Natural

SR 1948

Natural Nylon 6

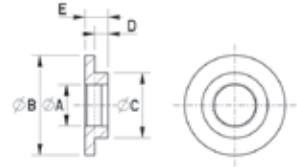
- Prevent contact with conducting materials
- Help prevent parts vibrating loose
- Accurately locate and space assemblies



## Insulation Sleeves – Black

SR 1948

Black Nylon and Glass Fibre Compound



Part Number	Dimensions (mm)					Standard Pack Quantity
	d1	d2	D	H	h	
01802500001	2.6	3.9	10.0	3.0	1.3	1000
01803000001	3.1	3.9	10.0	3.0	1.3	1000
018030100001	3.1	4.9	3.1	3.0	1.3	1000
018030200001	3.1	5.9	10.0	3.0	1.3	1000
018030300001	3.1	6.9	15.0	3.5	1.5	500
018030400001	3.1	7.9	15.0	3.5	1.5	500
018040100001	4.2	5.9	10.0	3.0	1.3	1000
018040200001	4.2	6.9	15.0	3.0	1.5	500
018040300001	4.2	7.9	15.0	3.5	1.5	500
018040400001	4.2	8.9	15.0	3.5	1.5	500
018040500001	4.2	9.9	15.0	3.5	1.5	500
018040700001	4.2	11.9	18.0	3.5	5	500
018050000001	5.2	5.9	10.0	3.0	1.3	1000
018050100001	5.2	6.9	15.0	3.5	1.5	500
018050200001	5.2	7.9	15.0	3.5	1.5	500
018050300001	5.2	8.9	15.0	3.5	1.5	500
018050400001	5.2	9.9	15.0	3.5	1.5	500
018050500001	5.2	10.9	18.0	3.5	1.5	500
018060000001	6.2	6.9	15.0	3.5	1.5	500
018060200001	6.2	8.9	15.0	3.5	1.5	500
018060300001	6.2	9.9	15.0	3.5	1.5	500
018060500001	6.2	11.9	18.0	3.5	1.5	500
018080000001	8.2	8.9	15.0	3.5	1.5	500
018080100001	8.2	9.9	15.0	3.5	1.5	500
018080200001	8.2	10.9	18.0	3.5	1.5	500
018080300001	8.2	11.9	18.0	3.5	1.5	500
018100000001	10.2	10.9	18.0	3.5	1.5	500
018100100001	10.2	11.9	18.0	3.5	1.5	500
018120100001	12.2	14.8	25.0	4.0	2.0	500
018120200001	12.2	15.8	25.0	4.0	2.0	500
018120300001	12.2	17.8	25.0	4.0	2.0	500
018140000001	14.2	15.8	25.0	4.0	2.0	500
018140100001	14.2	17.8	25.0	4.0	2.0	500
018160000001	16.2	17.8	25.0	4.0	2.0	500

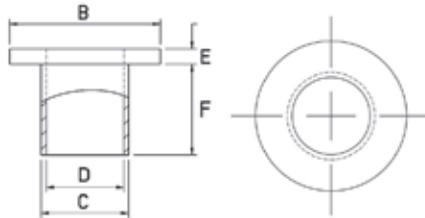
Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
312083259935	2.1	8	4.5	4.5	5.5	250
312083959935	2.6	8	4.5	1.6	4.2	250
312080259935	2.6	8	4.8	1.1	2.1	250
312083359935	2.7	5	3.2	1.4	2.4	250
312081259935	3	5.5	3.5	2.5	3.5	250
312084959935	3	5.9	3.5	0.6	1.8	100
312084359935	3.1	10	3.4	8	9	250
312083659935	2.95	6	3.5	1.3	2.3	250
312081959935	3.1	7.5	3.5	1.3	2.3	250
312080159935	3.1	7.5	3.5	2.5	3.5	250
312081059935	3.1	7.5	3.5	2.5	6.5	250
312083859935	3.1	7.5	3.9	3.5	4.5	250
312081459935	3.1	7.5	3.9	4.5	6	250
312084659935	3.1	10	4.2	8	10	250
312080959935	3.5	7	4.9	7.4	8.2	250
312080659935	3.5	7	5.1	2.2	3	250
312084259935	4	10	4.4	8	9	250
3120805059935	4	9.3	6.3	1.3	2.5	250
312084759935	4.1	10	5.2	10	12	250
312083159935	4.5	8	6	3.2	4	250
312080459935	4.5	15.7	9.7	8	13	250
312082159935	5.1	12	6.4	15	16	250
312084459935	5.1	12	6.4	15	17	250
312082859935	5.2	12	5.5	2	3	250
312080859935	5.2	12	5.5	4	5	250
312082659935	5.2	12	6.2	10	11	250
312081659935	5.2	12	6.9	8	11	250
312082059935	6.1	12	7.8	15	16	250
312084559935	6.1	12	7.8	15	17	250
312081759935	6.2	12	6.5	2	3	250
312081159902	6.2	12	6.5	4	4.5	250
312080759935	6.2	12	6.5	4	5	250
312082759935	6.2	12	7.2	10	11	250
312082559935	6.1	12	7.9	1	2	250
312082459935	6.2	12	7.9	2	4	250
312081559935	6.2	12	7.9	8	11	250
312081859935	6.4	16	10	2.3	3.5	250
312083459935	6.5	13	9.6	1.3	1.9	100
312080559935	6.5	25	13	6	10.5	100
312081359935	6.5	25	13	8.5	13	100
312083559935	8.2	19	9.4	1.7	2.5	100
312082359935	8.2	14	9.9	16	18	100
312082259935	8.5	25	12.8	9	13.5	100
312080359935	8.5	25	13	6	10.5	100
312083759935	10.2	16	11	1	2	250
312082959935	10.2	28	12.5	2.5	3.7	250
312084059935	10.2	28	17.5	2.5	6.5	100
312084159935	10.5	21	14.5	32	35	100
312083059935	12.5	20	16	1	2	250
312084859935	12.5	21	14.5	32.5	35.5	100

## Screw Insulators

SR 5743

Natural Nylon

- Resistant to acids
- Vibration damping properties
- Flame resistant material: UL94 V2
- To be used as screw insulators and in bushing applications



Part Number	Thread Size	Dimensions (mm)					Standard Pack Quantity
		B	C	D	E	F	
MNI-2-2	M2	4.6	3	2.3	1.2	0.8	1000
MNI-2-4	M2	4.6	3	2.3	1.2	1.6	1000
MNI-2-6	M2	4.6	3	2.3	1.2	2.4	1000
MNI-4-2	M2.5	6	3.7	2.9	1.2	0.8	1000
MNI-4-3	M2.5	6	3.7	2.9	1.2	1.2	1000
MNI-4-4	M2.5	6	3.7	2.9	1.2	1.6	1000
MNI-4-5	M2.5	6.4	3.6	2.9	1.2	2.1	1000
MNI-4-6	M2.5	6	3.7	2.9	1.2	2.4	1000
MNI-4-10	M2.5	6	3.7	2.9	1.2	4	1000
MNI-4-12	M2.5	6	3.7	2.9	1.2	4.7	1000
MNI-4-16	M2.5	6	3.7	2.9	1.2	6.4	1000
MNI-4-24	M2.5	6	3.7	2.9	1.2	9.5	1000
MNI-6-2	M3.5	7.4	4.3	3.6	1.2	0.8	1000
MNI-6-4	M3.5	7.4	4.3	3.6	1.2	1.6	1000
MNI-6-6	M3.5	7.4	4.3	3.6	1.2	2.4	1000
MNI-6-8	M3.5	7.4	4.3	3.6	1.2	3.2	1000
MNI-6-12	M3.5	7.4	4.3	3.6	1.2	4.7	1000
MNI-6-16	M3.5	7.4	4.3	3.6	1.2	6.4	1000
MNI-6-24	M3.5	7.4	4.3	3.6	1.2	9.5	1000
MNI-6-32	M3.5	7.4	4.3	3.6	1.2	12.7	1000
MNI-8-2	M4	8.7	5.2	4.4	1.6	0.8	1000
MNI-8-4	M4	8.7	5.2	4.4	1.6	1.6	1000

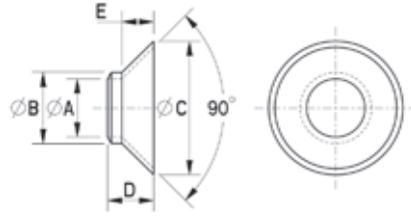
Part Number	Thread Size	Dimensions (mm)					Standard Pack Quantity
		B	C	D	E	F	
MNI-8-6	M4	8.7	5.2	4.4	1.6	2.4	1000
MNI-8-8	M4	8.7	5.2	4.4	1.6	3.2	1000
MNI-8-12	M4	8.7	5.2	4.4	1.6	4.7	1000
MNI-8-16	M4	8.7	5.2	4.4	1.6	6.4	1000
MNI-8-24	M4	8.7	5.2	4.4	1.6	9.5	1000
MNI-8-32	M4	8.7	5.2	4.4	1.6	12.7	1000
MNI-10-2	M5	10.1	6.6	5.1	1.6	0.8	1000
MNI-10-4	M5	10.1	6.6	5.1	1.6	1.6	1000
MNI-10-6	M5	10.1	6.6	5.1	1.6	2.4	1000
MNI-10-8	M5	10.1	6.6	5.1	1.6	3.2	1000
MNI-10-12	M5	10.1	6.6	5.1	1.6	4.7	1000
MNI-10-16	M5	10.1	6.6	5.1	1.6	6.4	1000
MNI-10-24	M5	10.1	6.6	5.1	1.6	9.5	1000
MNI-10-32	M5	10.1	6.6	5.1	1.6	12.7	1000
MNI1/4-2	M6	13	7.9	6.6	1.7	0.8	1000
MNI1/4-4	M6	13	7.9	6.6	1.7	1.6	1000
MNI1/4-6	M6	13	7.9	6.6	1.7	2.4	1000
MNI1/4-12	M6	13	7.9	6.6	1.7	4.7	1000
MNI1/4-16	M6	13	7.9	6.6	1.7	6.4	1000
MNI1/4-24	M6	13	7.9	6.6	1.7	9.5	1000
MNI1/4-32	M6	13	7.9	6.6	1.7	12.7	1000
MNI5/16-6	M8	15.7	9.1	8.1	1.6	2.4	1000
MNI5/16-12	M8	15.7	9.1	8.1	1.6	4.7	1000
MNI5/16-16	M8	15.7	9.1	8.1	1.6	6.4	1000

## Countersunk Insulation Sleeve

SR 6441

Natural Nylon

- Frequently applied in electro technical environments
- Compulsory by law in many countries
- Prevents electrical corrosion with countersunk head screws



Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
083030200001	3.1	4.9	8.2	3.7	1.7	500
083040200001	4.1	5.9	10.4	4.3	2.3	500
083050200001	5.1	6.9	12.4	4.8	2.8	500
083060200001	6.1	7.9	14.4	5.3	3.3	500
083080200001	8.1	9.9	18.6	6.4	4.4	500
083100500001	10.2	12.4	22.5	10.3	5.0	500
083120200001	12.1	13.9	26.8	8.5	6.5	500
083160200001	16.2	19.2	35.4	10.8	8.1	500

## Bushes

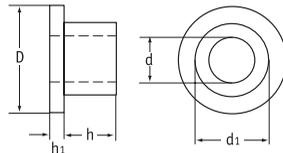
SR 1942

Natural Nylon 6.6

- Self-lubricating
- Low coefficient of friction
- Ideal for anything that pivots or rotates
- Resistant to moisture, dirt and most chemicals



Part Number	Dimensions (mm)					Standard Pack Quantity
	d	d <sub>1</sub>	D	h <sub>1</sub>	h	
12SWS0210	3.1	3.6	5.8	0.4	1.2	1000
10SCM003006	3.1	4.0	6.2	1.0	6.0	1000
10SCM003007	3.1	4.0	6.2	1.0	7.0	1000
1095830000VR	3.1	4.0	6.2	1.0	10.0	1000
1080030000VR	3.1	6.1	8.1	1.2	0.8	1000
10SCM004003	4.1	6.0	8.2	1.5	3.0	1000
10SCM004005	4.1	6.0	8.2	1.5	5.0	1000
018040000001	4.2	4.9	10.0	1.3	1.7	1000
12SWS1016	4.2	6.3	12.7	3.2	11.1	500
1080170000VR	4.3	6.5	12.0	1.5	1.1	1000
12SWS1020	4.9	9.6	16.3	1.6	1.6	1000
1080200000VR	5.0	9.0	12.0	2.0	2.9	1000
1095290000VR	5.2	6.9	15.0	1.5	2.0	1000
10SCM006004	6.1	8.0	12.2	2.0	4.0	500
018060500001	11.9	6.2	18.0	3.5	1.5	500
12SWS1240	6.4	9.5	16.0	1.6	4.8	500
1080350000VR	6.5	9.6	15.8	1.6	2.8	1000
12SWS1221	6.6	8.3	16.0	1.6	3.2	500
1092270000VR	8.0	11.0	16.0	2.0	11.0	1000
10SCM008004	8.1	10.0	14.2	2.5	4.0	500
10SCM008008	8.1	10.0	14.2	2.5	8.0	500
1092330000VR	8.1	10.0	14.2	2.5	10.0	1000
1090380000VR	8.1	14.2	20.0	2.6	9.3	1000
12SWS2506	9.6	12.7	15.9	1.6	7.9	1000
1092530000VR	10.0	12.0	16.0	2.0	4.0	1000
1092540000VR	10.0	14.0	20.0	2.0	8.0	1000
1092550000VR	10.0	16.0	21.0	2.0	8.0	1000
1090440000VR	10.1	14.9	19.8	2.6	9.2	1000
1094670000VR	10.1	16.0	20.0	3.0	7.0	1000
1094140000VR	10.4	13.0	19.0	2.0	5.0	1000
12SWS3155	11.2	16.0	22.2	3.2	9.5	500
1095760000VR	12.1	14.0	20.0	2.0	4.0	1000
1090510000VR	12.1	17.7	23.9	2.6	13.0	1000
018120000001	12.2	13.8	25.0	2.0	2.0	500
1095840000VR	12.5	14.0	17.5	1.0	8.0	1000
1090630000VR	16.1	21.7	27.7	3.1	16.6	1000
1095750000VR	16.2	17.8	32.0	3.0	6.0	1000
1090680000VR	20.1	26.7	31.9	3.1	20.8	500
1095820000VR	24.5	33.0	50.0	6.0	7.5	500
1095810000VR	50.0	57.0	98.0	3.0	7.0	100



### Micro Pan Head Screws

K-0054

Natural Reny

- Continuous use temperature 105°C
- Flammability UL94 HB
- 50% Glass filled PA
- High strength and elasticity coefficient
- Excellent oil resistance



Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
1439958	M1.2	1.5	0.5	1.8	100
1439962	M1.2	1.8	0.5	1.8	100
1439963	M1.2	2.0	0.5	1.8	100
1439964	M1.2	2.5	0.5	1.8	100
1439965	M1.2	3.0	0.5	1.8	100
1439966	M1.2	3.5	0.5	1.8	100
1439967	M1.2	4.0	0.5	1.8	100
1439968	M1.4	2.0	0.5	2.0	100
1439969	M1.4	2.5	0.5	2.0	100
1439970	M1.4	3.0	0.5	2.0	100
1439971	M1.4	3.5	0.5	2.0	100
1439972	M1.4	4.0	0.5	2.0	100
1439973	M1.4	6.0	0.5	2.0	100
1439974	M1.6	2.0	0.5	2.3	100
1439975	M1.6	2.5	0.5	2.3	100
1439976	M1.6	3.0	0.5	2.3	100
1439977	M1.6	3.5	0.5	2.3	100
1439978	M1.6	4.0	0.5	2.3	100
1439979	M1.6	6.0	0.5	2.3	100

### Micro Pan Head Screws

K-0055

Light Brown PEEK

- Continuous use temperature 108°C
- Flammability UL94 V-0
- Resistant to most chemicals



Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
1439986	M1.2	1.5	0.5	1.8	100
1439987	M1.2	1.8	0.5	1.8	100
1439988	M1.2	2.0	0.5	1.8	100
1439989	M1.2	2.5	0.5	1.8	100
1439990	M1.2	3.0	0.5	1.8	100
1439991	M1.2	3.5	0.5	1.8	100
1439992	M1.2	4.0	0.5	1.8	100
1439993	M1.4	2.0	0.5	2.0	100
1439994	M1.4	2.5	0.5	2.0	100
1439995	M1.4	3.0	0.5	2.0	100
1439996	M1.4	3.5	0.5	2.0	100
1439997	M1.4	4.0	0.5	2.0	100
1439998	M1.4	6.0	0.5	2.0	100
1439999	M1.6	2.0	0.5	2.3	100
1440000	M1.6	2.5	0.5	2.3	100
1440001	M1.6	3.0	0.5	2.3	100
1440002	M1.6	3.5	0.5	2.3	100
1440003	M1.6	4.0	0.5	2.3	100
1440004	M1.6	6.0	0.5	2.3	100

### Micro Countersunk Screws

K-0056

Natural Reny

- Continuous use temperature 105°C
- Flammability UL94 HB
- 50% Glass filled PA
- High strength and elasticity
- Excellent oil resistance



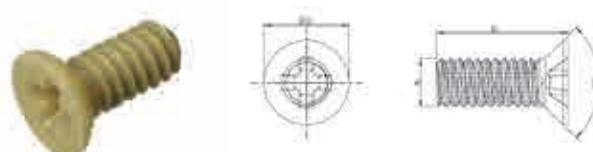
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	D	
1439980	M1.2	2.5	2.3	100
1439981	M1.2	4.0	2.3	100
1439982	M1.4	2.5	2.5	100
1439983	M1.4	4.0	2.5	100
1439984	M1.6	2.5	2.8	100
1439985	M1.6	4.0	2.8	100

### Micro Countersunk Screws

K-0057

Light Brown PEEK

- Continuous use temperature 108°C
- Flammability UL94 V-0
- Resistant to most chemicals



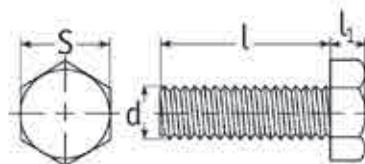
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	D	
1440005	M1.2	2.5	2.3	100
1440006	M1.2	4.0	2.3	100
1440007	M1.4	2.5	2.5	100
1440008	M1.4	4.0	2.5	100
1440009	M1.6	2.5	2.8	100
1440010	M1.6	4.0	2.8	100

## Hexagon Slotted Screws

SR K-0004

Natural PA 6.6

- Hexagon head shape enables easy grip
- Available in a wide range of sizes



Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l1	S	
50M020040K004	M2 x 0.4	4.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K005	M2 x 0.4	5.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K006	M2 x 0.4	6.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K008	M2 x 0.4	8.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K010	M2 x 0.4	10.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K012	M2 x 0.4	12.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K016	M2 x 0.4	16.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K020	M2 x 0.4	20.0	1.3 - 1.6	3.02 - 3.20	1000
50M020040K025	M2 x 0.4	25.0	1.3 - 1.6	3.02 - 3.20	1000
50M025045K004	M2.5 x 0.45	4.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K005	M2.5 x 0.45	5.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K006	M2.5 x 0.45	6.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K008	M2.5 x 0.45	8.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K010	M2.5 x 0.45	10.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K012	M2.5 x 0.45	12.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K016	M2.5 x 0.45	16.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K020	M2.5 x 0.45	20.0	1.8 - 2.1	3.82 - 4.0	1000
50M025045K025	M2.5 x 0.45	25.0	1.8 - 2.1	3.82 - 4.0	1000
50M030050K004	M3 x 0.5	4.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K005	M3 x 0.5	5.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K006	M3 x 0.5	6.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K008	M3 x 0.5	8.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K010	M3 x 0.5	10.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K012	M3 x 0.5	12.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K016	M3 x 0.5	16.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K020	M3 x 0.5	20.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K025	M3 x 0.5	25.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K030	M3 x 0.5	30.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K035	M3 x 0.5	35.0	2.0 - 2.3	4.82 - 5.0	1000
50M030050K042	M3 x 0.5	42.0	2.0 - 2.3	4.82 - 5.0	1000
50M035060K005	M3.5 x 0.6	5.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K006	M3.5 x 0.6	6.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K008	M3.5 x 0.6	8.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K010	M3.5 x 0.6	10.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K012	M3.5 x 0.6	12.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K016	M3.5 x 0.6	16.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K020	M3.5 x 0.6	20.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K025	M3.5 x 0.6	25.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K035	M3.5 x 0.6	35.0	2.3 - 2.6	5.32 - 5.5	1000
50M035060K042	M3.5 x 0.6	42.0	2.3 - 2.6	5.32 - 5.5	1000
50M040070K004	M4 x 0.7	4.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K006	M4 x 0.7	6.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K008	M4 x 0.7	8.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K010	M4 x 0.7	10.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K012	M4 x 0.7	12.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K016	M4 x 0.7	16.0	2.6 - 3.0	6.78 - 7.0	1000

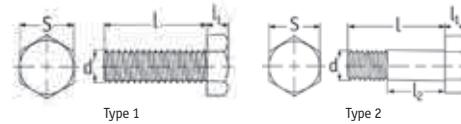
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l1	S	
50M040070K020	M4 x 0.7	20.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K025	M4 x 0.7	25.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K030	M4 x 0.7	30.0	2.6 - 3.0	6.78 - 7.0	1000
50M040070K035	M4 x 0.7	35.0	2.6 - 3.0	6.78 - 7.0	500
50M040070K040	M4 x 0.7	40.0	2.6 - 3.0	6.78 - 7.0	500
50M050080K006	M5 x 0.8	6.0	3.3 - 3.8	7.78 - 8.0	1000
50M050080K008	M5 x 0.8	8.0	3.3 - 3.8	7.78 - 8.0	1000
50M050080K010	M5 x 0.8	10.0	3.3 - 3.8	7.78 - 8.0	1000
50M050080K012	M5 x 0.8	12.0	3.3 - 3.8	7.78 - 8.0	1000
50M050080K016	M5 x 0.8	16.0	3.3 - 3.8	7.78 - 8.0	1000
50M050080K020	M5 x 0.8	20.0	3.3 - 3.8	7.78 - 8.0	1000
50M050080K025	M5 x 0.8	25.0	3.3 - 3.8	7.78 - 8.0	500
50M050080K030	M5 x 0.8	30.0	3.3 - 3.8	7.78 - 8.0	500
50M050080K035	M5 x 0.8	35.0	3.3 - 3.8	7.78 - 8.0	500
50M050080K040	M5 x 0.8	40.0	3.3 - 3.8	7.78 - 8.0	500
50M060100K005	M6 x 1.0	5.0	4.1 - 4.7	9.78 - 10.0	1000
50M060100K008	M6 x 1.0	8.0	4.1 - 4.7	9.78 - 10.0	1000
50M060100K010	M6 x 1.0	10.0	4.1 - 4.7	9.78 - 10.0	1000
50M060100K012	M6 x 1.0	12.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K016	M6 x 1.0	16.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K020	M6 x 1.0	20.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K025	M6 x 1.0	25.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K030	M6 x 1.0	30.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K035	M6 x 1.0	35.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K040	M6 x 1.0	40.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K045	M6 x 1.0	45.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K050	M6 x 1.0	50.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K060	M6 x 1.0	60.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K070	M6 x 1.0	70.0	4.1 - 4.7	9.78 - 10.0	500
50M060100K075	M6 x 1.0	75.0	4.1 - 4.7	9.78 - 10.0	500
50M080125K010	M8 x 1.25	10.0	5.2 - 6.0	12.73 - 13.0	500
50M080125K016	M8 x 1.25	16.0	5.2 - 6.0	12.73 - 13.0	500
50M080125K020	M8 x 1.25	20.0	5.2 - 6.0	12.73 - 13.0	1000
50M080125K025	M8 x 1.25	25.0	5.2 - 6.0	12.73 - 13.0	500
50M080125K030	M8 x 1.25	30.0	5.2 - 6.0	12.73 - 13.0	500
50M080125K035	M8 x 1.25	35.0	5.2 - 6.0	12.73 - 13.0	500
50M080125K040	M8 x 1.25	40.0	5.2 - 6.0	12.73 - 13.0	500
50M080125K050	M8 x 1.25	50.0	5.2 - 6.0	12.73 - 13.0	500
50M080125K070	M8 x 1.25	70.0	5.2 - 6.0	12.73 - 13.0	500
50M100150K016	M10 x 1.5	16.0	6.5 - 7.5	15.73 - 16.0	500
50M100150K020	M10 x 1.5	20.0	6.5 - 7.5	15.73 - 16.0	500
50M100150K025	M10 x 1.5	25.0	6.5 - 7.5	15.73 - 16.0	500
50M100150K030	M10 x 1.5	30.0	6.5 - 7.5	15.73 - 16.0	500
50M100150K035	M10 x 1.5	35.0	6.5 - 7.5	15.73 - 16.0	500
50M100150K050	M10 x 1.5	50.0	6.5 - 7.5	15.73 - 16.0	500
50M100150K060	M10 x 1.5	60.0	6.5 - 7.5	15.73 - 16.0	500

## Hexagonal Head Screws

SR 1992

Natural PA 6.6

- Type 1 - Refer to standard ISO 4017, NF EN 24017, DIN 933 for guidance purposes only
- Type 2 - Refer to standard DIN 931 for guidance purposes only



### Type 1

Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l1	S	
50M02004QJ004	M2 x 0.4	4.0	1.2	3.2	1000
50M02004QJ005	M2 x 0.4	5.0	1.2	3.2	1000
0020030000VR	M2 x 0.4	6.0	1.2	4.0	1000
50M02004QJ008	M2 x 0.4	8.0	1.2	3.2	1000
50M02004QJ010	M2 x 0.4	10.0	1.2	3.2	1000
50M02004QJ012	M2 x 0.4	12.0	1.2	3.2	1000
50M02004QJ016	M2 x 0.4	16.0	1.2	3.2	1000
50M02004QJ020	M2 x 0.4	20.0	1.2	3.2	1000
50M02004QJ025	M2 x 0.4	25.0	1.2	3.2	1000
50M02545J004	M2.5 x 0.45	4.0	1.3	4.0	1000
0021890000VR	M2.5 x 0.45	4.5	1.3	4.0	1000
50M025045J005	M2.5 x 0.45	5.0	1.3	4.0	1000
0021350000VR	M2.5 x 0.45	6.0	1.3	4.0	1000
50M025045J008	M2.5 x 0.45	8.0	1.3	4.0	1000
50M025045J010	M2.5 x 0.45	10.0	1.3	4.0	1000
0021310000VR	M2.5 x 0.45	16.0	1.3	4.0	1000
50M025045J020	M2.5 x 0.45	20.0	1.3	4.0	1000
50M025045J025	M2.5 x 0.45	25.0	1.3	4.0	1000
0020060000VR	M3 x 0.5	4.0	2.0	5.5	1000
0021200000VR	M3 x 0.5	5.0	2.0	5.5	250
0020070000VR	M3 x 0.5	6.0	2.0	5.5	1000
0020080000VR	M3 x 0.5	8.0	2.0	5.5	1000
0020090000VR	M3 x 0.5	10.0	2.0	5.5	1000
0020100000VR	M3 x 0.5	12.0	2.0	5.5	1000
0020120000VR	M3 x 0.5	16.0	2.0	5.5	1000
0020130000VR	M3 x 0.5	20.0	2.0	5.5	1000
0020140000VR	M3 x 0.5	25.0	2.0	5.5	1000
0020150000VR	M3 x 0.5	30.0	2.0	5.5	1000
0020160000VR	M4 x 0.7	6.0	2.8	7.0	1000
0020170000VR	M4 x 0.7	8.0	2.8	7.0	1000
0020180000VR	M4 x 0.7	10.0	2.8	7.0	1000
0020190000VR	M4 x 0.7	12.0	2.8	7.0	1000
0020210000VR	M4 x 0.7	16.0	2.8	7.0	1000
0021820000VR	M4 x 0.7	18.0	2.8	7.0	1000
0020220000VR	M4 x 0.7	20.0	2.8	7.0	1000
0020230000VR	M4 x 0.7	25.0	2.8	7.0	1000
0020240000VR	M4 x 0.7	30.0	2.8	7.0	1000
0020250000VR	M4 x 0.7	40.0	2.8	7.0	1000
0020260000VR	M5 x 0.8	6.0	4.0	8.0	1000
0020270000VR	M5 x 0.8	8.0	4.0	8.0	1000
0020280000VR	M5 x 0.8	10.0	4.0	8.0	1000
0020290000VR	M5 x 0.8	12.0	4.0	8.0	1000
0020310000VR	M5 x 0.8	16.0	4.0	8.0	1000
0020330000VR	M5 x 0.8	20.0	4.0	8.0	1000
0020340000VR	M5 x 0.8	25.0	4.0	8.0	1000
0020350000VR	M5 x 0.8	30.0	4.0	8.0	1000
0020360000VR	M5 x 0.8	40.0	4.0	8.0	1000
0020370000VR	M5 x 0.8	50.0	4.0	8.0	1000
50M060100J005	M6 x 1.0	5.0	4.0	10.0	1000
0020390000VR	M6 x 1.0	6.5	4.0	10.0	1000
0020410000VR	M6 x 1.0	8.0	4.0	10.0	1000
0020420000VR	M6 x 1.0	10.0	4.0	10.0	1000
0020430000VR	M6 x 1.0	12.0	4.0	10.0	1000
0020450000VR	M6 x 1.0	16.0	4.0	10.0	1000
0020460000VR	M6 x 1.0	20.0	4.0	10.0	1000
0020470000VR	M6 x 1.0	22.0	4.0	10.0	1000
0020480000VR	M6 x 1.0	25.0	4.0	10.0	1000
0020500000VR	M6 x 1.0	30.0	4.0	10.0	1000
0020520000VR	M6 x 1.0	40.0	4.0	10.0	1000
0021400000VR	M6 x 1.0	45.0	4.0	10.0	1000
0020530000VR	M6 x 1.0	50.0	4.0	10.0	500

### Type 1 - Continued

Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l1	S	
0020550000VR	M6 x 1.0	60.0	4.0	10.0	500
0021470000VR	M6 x 1.0	65.0	4.0	10.0	500
50M060100J070	M6 x 1.0	70.0	4.0	10.0	1000
0020570000VR	M6 x 1.0	80.0	4.0	10.0	500
0020640000VR	M8 x 1.25	8.0	5.5	13.0	1000
0020650000VR	M8 x 1.25	10.0	5.5	13.0	1000
0020680000VR	M8 x 1.25	16.0	5.5	13.0	1000
0020690000VR	M8 x 1.25	20.0	5.5	13.0	1000
0020700000VR	M8 x 1.25	25.0	5.5	13.0	1000
0020710000VR	M8 x 1.25	30.0	5.5	13.0	1000
0020720000VR	M8 x 1.25	35.0	5.5	13.0	1000
0020730000VR	M8 x 1.25	40.0	5.5	13.0	1000
0020740000VR	M8 x 1.25	50.0	5.5	13.0	500
0020750000VR	M8 x 1.25	60.0	5.5	13.0	500
0021480000VR	M8 x 1.25	70.0	5.5	13.0	500
0020770000VR	M8 x 1.25	80.0	5.5	13.0	500
0021850000VR	M10 x 1.5	16.0	7.0	17.0	1000
0020860000VR	M10 x 1.5	20.0	7.0	17.0	500
50M100150J025	M10 x 1.5	25.0	7.0	16.0	500
0020880000VR	M10 x 1.5	30.0	7.0	17.0	500
0021270000VR	M10 x 1.5	40.0	7.0	17.0	500
0020890000VR	M10 x 1.5	50.0	7.0	17.0	250
0020900000VR	M10 x 1.5	60.0	7.0	17.0	250
0020910000VR	M10 x 1.5	70.0	7.0	17.0	1000
0020920000VR	M10 x 1.5	80.0	7.0	17.0	250
0021870000VR	M10 x 1.5	100.0	7.0	17.0	250
0021900000VR	M12 x 1.75	16.0	7.0	19.0	1000
0021360000VR	M12 x 1.75	20.0	8.0	19.0	1000
0021010000VR	M12 x 1.75	30.0	8.0	19.0	500
0021020000VR	M12 x 1.75	40.0	8.0	19.0	500
0021030000VR	M12 x 1.75	50.0	8.0	19.0	250
0021040000VR	M12 x 1.75	60.0	8.0	19.0	250
0021050000VR	M12 x 1.75	70.0	8.0	19.0	250
0021060000VR	M12 x 1.75	80.0	8.0	19.0	250
0021880000VR	M12 x 1.75	100.0	10.0	19.0	250
0021150000VR	M16 x 2.0	16.0	10.0	24.0	250
0021130000VR	M16 x 2.0	20.0	10.0	24.0	250
0021160000VR	M16 x 2.0	30.0	10.0	24.0	250
0021860000VR	M16 x 2.0	40.0	10.0	24.0	250
0021180000VR	M16 x 2.0	50.0	10.0	24.0	250
0021190000VR	M16 x 2.0	60.0	10.0	24.0	250
0021220000VR	M16 x 2.0	80.0	10.0	24.0	250
0021210000VR	M16 x 2.0	100.0	10.0	24.0	250
0021230000VR	M18 x 2.5	50.0	11.5	27.0	250

### Type 2

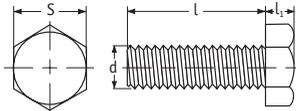
Part Number	Dimensions (mm)					Standard Pack Quantity
	d	l	l1	S	l2	
0025370000VR	M5 x 0.8	50.0	3.5	0.8	34.0	1000
0025570000VR	M6 x 1.0	80.0	4.0	10.0	15.0	500
0025790000VR	M8 x 1.25	100.0	5.3	13.0	50.0	1000
0025800000VR	M8 x 1.25	125.0	5.3	13.0	75.0	1000
0025900000VR	M10 x 1.5	60.0	6.4	17.0	10.0	1000
0025920000VR	M10 x 1.5	80.0	6.4	17.0	30.0	1000
0025940000VR	M10 x 1.5	125.0	6.4	17.0	65.0	250
0025950000VR	M10 x 1.5	150.0	6.4	17.0	90.0	125
0026020000VR	M12 x 1.75	40.0	10.0	19.0	10.0	1000
0026040000VR	M12 x 1.75	60.0	10.0	19.0	10.0	1000
0026050000VR	M12 x 1.75	70.0	10.0	19.0	20.0	1000
0026060000VR	M12 x 1.75	80.0	10.0	19.0	30.0	1000

# SCREWS AND NUTS

## Hexagonal Head Screws

SR 1992

Black Nylon 6.6



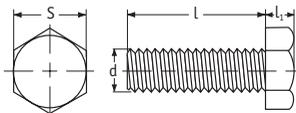
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l1	S	
0020090001VR	M3 x 0.5	10.0	2.0	5.5	100
0020120001VR	M3 x 0.5	16.0	2.0	5.5	100
0020130001VR	M3 x 0.5	20.0	2.0	5.5	100
0020180001VR	M4 x 0.7	10.0	2.8	7.0	100
0020210001VR	M4 x 0.7	16.0	2.8	7.0	100
0020220001VR	M4 x 0.7	20.0	2.8	7.0	100
0020240001VR	M4 x 0.7	30.0	2.8	7.0	100
0020280001VR	M5 x 0.8	10.0	4.0	8.0	100
0020310001VR	M5 x 0.8	16.0	4.0	8.0	100
0020330001VR	M5 x 0.8	20.0	4.0	8.0	100
0020350001VR	M5 x 0.8	30.0	4.0	8.0	100
0020420001VR	M6 x 1.0	10.0	4.0	10.0	100
0020450001VR	M6 x 1.0	16.0	4.0	10.0	100
0020460001VR	M6 x 1.0	20.0	4.0	10.0	100
0020500001VR	M6 x 1.0	30.0	4.0	10.0	100
0020520001VR	M6 x 1.0	40.0	4.0	10.0	100
0020690001VR	M8 x 1.25	20.0	5.5	13.0	100
0020710001VR	M8 x 1.25	30.0	5.5	13.0	100
0020730001VR	M8 x 1.25	40.0	5.5	13.0	100
0020750001VR	M8 x 1.25	60.0	5.5	13.0	100
0020860001VR	M10 x 1.5	20.0	7.0	17.0	100
0020880001VR	M10 x 1.5	30.0	7.0	17.0	100
0020890001VR	M10 x 1.5	50.0	7.0	17.0	100
0020900001VR	M10 x 1.5	60.0	7.0	17.0	100
0021020001VR	M12 x 1.75	40.0	10.0	19.0	100
0021040001VR	M12 x 1.75	60.0	10.0	19.0	100

## Hexagonal Head Screws – PP

SR 1902

Natural Polypropylene

- Refer to standard ISO 4017, NF EN 24017, DIN 933 for guidance purposes only

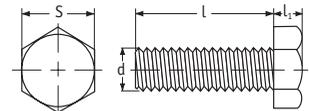


## Hexagonal Head Screws – PVDF

SR 1901

Natural PVDF

- Refer to standard ISO 4017, NF EN 24017, DIN 933 for guidance purposes only



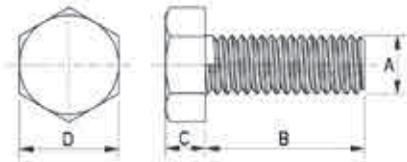
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l1	S	
0020090300VR	M3 x 0.5	10.0	2.0	5.5	100
0020120300VR	M3 x 0.5	16.0	2.0	5.5	100
0020130300VR	M3 x 0.5	20.0	2.0	5.5	100
0020180300VR	M4 x 0.7	10.0	2.8	7.0	100
0020210300VR	M4 x 0.7	16.0	2.8	7.0	100
0020220300VR	M4 x 0.7	20.0	2.8	7.0	100
0020290300VR	M5 x 0.8	12.0	3.5	8.0	100
0020310300VR	M5 x 0.8	16.0	3.5	8.0	100
0020330300VR	M5 x 0.8	20.0	3.5	8.0	100
0020340300VR	M5 x 0.8	25.0	3.5	8.0	100
0020350300VR	M5 x 0.8	30.0	3.5	8.0	100
0020450300VR	M6 x 1.0	16.0	4.0	10.0	100
0020460300VR	M6 x 1.0	20.0	4.0	10.0	100
0020480300VR	M6 x 1.0	25.0	4.0	10.0	100
0020520300VR	M6 x 1.0	40.0	4.0	10.0	100
0020690300VR	M8 x 1.25	20.0	5.3	13.0	100
0020710300VR	M8 x 1.25	30.0	5.3	13.0	100
0020730300VR	M8 x 1.25	40.0	5.3	13.0	100
0020750300VR	M8 x 1.25	60.0	5.3	13.0	100
0020860300VR	M10 x 1.5	20.0	6.4	17.0	100
0020900300VR	M10 x 1.5	60.0	6.4	17.0	100
0021020300VR	M12 x 1.75	40.0	7.5	19.0	100
0021040300VR	M12 x 1.75	60.0	7.5	19.0	100

Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l1	S	
0020090500VR	M3 x 0.5	10.0	2.0	5.5	100
0020120500VR	M3 x 0.5	16.0	2.0	5.5	100
0020130500VR	M3 x 0.5	20.0	2.0	5.5	100
0020180500VR	M4 x 0.7	10.0	2.8	7.0	100
0020210500VR	M4 x 0.7	16.0	2.8	7.0	100
0020220500VR	M4 x 0.7	20.0	2.8	7.0	100
0020240500VR	M4 x 0.7	30.0	2.8	7.0	100
0020290500VR	M5 x 0.8	12.0	3.5	8.0	100
0020310500VR	M5 x 0.8	16.0	3.5	8.0	100
0020330500VR	M5 x 0.8	20.0	3.5	8.0	100
0020340500VR	M5 x 0.8	25.0	3.5	8.0	100
0020350500VR	M5 x 0.8	30.0	3.5	8.0	100
0020420500VR	M6 x 1.0	10.0	4.0	10.0	100
0020430500VR	M6 x 1.0	12.0	4.0	10.0	100
0020450500VR	M6 x 1.0	16.0	4.0	10.0	100
0020460500VR	M6 x 1.0	20.0	4.0	10.0	100
0020480500VR	M6 x 1.0	25.0	4.0	10.0	100
0020520500VR	M6 x 1.0	40.0	4.0	10.0	100

## PEEK® Hexagon Bolt

### SR 1930

- Made from PEEK®
- Colour: Light Brown
- Continuous use temperature 180 °C
- Resistant to most chemicals
- Flame resistance: UL94 V-0



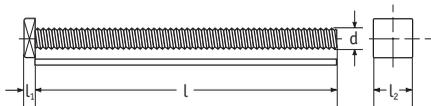
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
182051070409	M5	10.0	3.5	8.0	10
182051270409	M5	12.0	3.5	8.0	10
182051570409	M5	15.0	3.5	8.0	10
182052070409	M5	20.0	3.5	8.0	10
182052570409	M5	25.0	3.5	8.0	10
182053070409	M5	30.0	3.5	8.0	10
182061070409	M6	10.0	4.0	10.0	10
182061270409	M6	12.0	4.0	10.0	10
182061570409	M6	15.0	4.0	10.0	10
182062070409	M6	20.0	4.0	10.0	10
182062570409	M6	25.0	4.0	10.0	10
182063070409	M6	30.0	4.0	10.0	10
182063570409	M6	35.0	4.0	10.0	10
182064070409	M6	40.0	4.0	10.0	10
182064570409	M6	45.0	4.0	10.0	10
182065070409	M6	50.0	4.0	10.0	10
182081070409	M8	10.0	5.5	13.0	1

Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
182081570409	M8	15.0	5.5	13.0	1
182082070409	M8	20.0	5.5	13.0	1
182082570409	M8	25.0	5.5	13.0	1
182083070409	M8	30.0	5.5	13.0	1
182083570409	M8	35.0	5.5	13.0	1
182084070409	M8	40.0	5.5	13.0	1
182084570409	M8	45.0	5.5	13.0	1
182085070409	M8	50.0	5.5	13.0	1
182101570409	M10	15.0	7.0	17.0	1
182102070409	M10	20.0	7.0	17.0	1
182102570409	M10	25.0	7.0	17.0	1
182103070409	M10	30.0	7.0	17.0	1
182103570409	M10	35.0	7.0	17.0	1
182104070409	M10	40.0	7.0	17.0	1
182104570409	M10	45.0	7.0	17.0	1
182105070409	M10	50.0	7.0	17.0	1

## Square Head Screws

### SR 1980

Natural Nylon 6.6



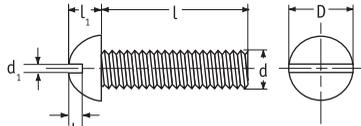
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	l <sub>1</sub>	l <sub>2</sub>	
0900530000VR	M6 x 1.0	40.0	3.0	10 x 10	1000
0900540000VR	M6 x 1.0	50.0	3.0	10 x 10	500
0900550000VR	M6 x 1.0	60.0	3.0	10 x 10	500
0900570000VR	M6 x 1.0	80.0	3.0	10 x 10	125
0900610000VR	M8 x 1.25	50.0	3.0	10 x 10	500

# SCREWS AND NUTS

## Slotted Round Head Screws

SR 1973

Natural Nylon 6.6

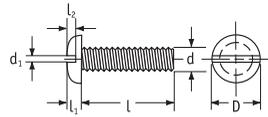


Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	d1	l2	
0130060000VR	M3 x 0.5	4.0	5.5	2.7	0.8	0.9	1000
0130070000VR	M3 x 0.5	6.0	5.5	2.7	0.8	0.9	1000
0130090000VR	M3 x 0.5	10.0	5.5	2.7	0.8	0.9	1000
0130100000VR	M3 x 0.5	12.0	5.5	2.7	0.8	0.9	1000
0130120000VR	M3 x 0.5	16.0	5.5	2.7	0.8	0.9	1000
0130130000VR	M3 x 0.5	20.0	5.5	2.7	0.8	0.9	1000
0130140000VR	M3 x 0.5	25.0	5.5	2.7	0.8	0.9	1000
0130160000VR	M4 x 0.7	6.0	7.0	3.5	1.0	1.3	1000
0130170000VR	M4 x 0.7	8.0	7.0	3.5	1.0	1.3	1000
0130180000VR	M4 x 0.7	10.0	7.0	3.5	1.0	1.3	1000
0130190000VR	M4 x 0.7	12	7.0	3.5	1.0	1.3	1000
0130210000VR	M4 x 0.7	16.0	7.0	3.5	1.0	1.3	1000
0130220000VR	M4 x 0.7	20.0	7.0	3.5	1.0	1.3	1000
0130270000VR	M5 x 0.8	8.0	9.0	4.5	1.1	1.4	1000
0130280000VR	M5 x 0.8	10.0	9.0	4.5	1.1	1.4	1000
0130310000VR	M5 x 0.8	16.0	9.0	4.5	1.1	1.4	1000
0130330000VR	M5 x 0.8	20.0	9.0	4.5	1.1	1.4	1000
0130390000VR	M6 x 1.0	6.5	10.0	5.0	1.6	1.6	1000
0130410000VR	M6 x 1.0	8.0	10.0	5.0	1.6	1.6	1000
0130420000VR	M6 x 1.0	10.0	10.0	5.0	1.6	1.6	1000
0130450000VR	M6 x 1.0	16.0	10.0	5.0	1.6	1.6	1000
0130460000VR	M6 x 1.0	20.0	10.0	5.0	1.6	1.6	1000
0130470000VR	M6 x 1.0	22.0	10.0	5.0	1.6	1.6	1000
0130480000VR	M6 x 1.0	25.0	10.0	5.0	1.6	1.6	1000
0130500000VR	M6 x 1.0	30.0	10.0	5.0	1.6	1.6	1000

## Slotted Pan Head Screws

SR 1952

Natural Nylon 6.6



- Refer to standard ISO 1580, NF E 25-128, DIN ISO 1580, DIN 85 for guidance purposes only

Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	d1	l2	
50M020040N004	M2 x 0.4	4.0	3.8	1.3	0.6	0.6	1000
0120010000VR	M2 x 0.4	5.0	4.0	1.3	0.5	0.5	1000
50M020040N006	M2 x 0.4	6.0	3.8	1.3	0.6	0.6	1000
50M020040N008	M2 x 0.4	8.0	3.8	1.3	0.6	0.6	1000
50M020040N010	M2 x 0.4	10.0	3.8	1.3	0.6	0.6	1000
50M020040N012	M2 x 0.4	12.0	3.8	1.3	0.6	0.6	1000
0120030000VR	M2 x 0.4	16.0	5.0	1.3	0.5	0.5	1000
50M020040N020	M2 x 0.4	20.0	3.8	1.3	0.6	0.6	1000
0120040000VR	M2.5 x 0.45	4.5	5.0	1.5	0.6	0.6	1000
50M025045N006	M2.5 x 0.45	6.0	4.5	1.6	0.7	0.8	1000
50M025045N008	M2.5 x 0.45	8.0	4.5	1.6	0.7	0.8	1000
50M025045N010	M2.5 x 0.45	10.0	4.5	1.6	0.7	0.8	1000
50M025045N012	M2.5 x 0.45	12.0	4.5	1.6	0.7	0.8	1000
0121310000VR	M2.5 x 0.45	16.0	4.5	1.6	0.7	0.8	1000
50M025045N025	M2.5 x 0.45	25.0	4.5	1.6	0.7	0.8	1000
0120060000VR	M3 x 0.5	4.0	5.9	1.8	0.8	0.7	1000
0121100000VR	M3 x 0.5	5.0	5.9	1.8	0.8	0.7	1000
0120070000VR	M3 x 0.5	6.0	5.9	1.8	0.8	0.7	1000
0120080000VR	M3 x 0.5	8.0	5.9	1.8	0.8	0.7	1000
0120090000VR	M3 x 0.5	10.0	5.9	1.8	0.8	0.7	1000
0120100000VR	M3 x 0.5	12.0	6.0	1.8	0.8	0.7	1000
0120120000VR	M3 x 0.5	16.0	5.9	1.8	0.8	0.7	1000
0120130000VR	M3 x 0.5	20.0	5.9	1.8	0.8	0.7	1000
0120140000VR	M3 x 0.5	25.0	5.9	1.8	0.8	0.7	1000
0120150000VR	M3 x 0.5	30.0	5.5	2.0	0.9	0.8	1000
50M030050N035	M3 x 0.5	35.0	5.5	2.0	0.9	0.8	1000
50M030050N042	M3 x 0.5	42.0	5.5	2.0	0.9	0.8	500
0120160000VR	M4 x 0.7	6.0	8.0	2.4	1.2	1.0	1000
0120170000VR	M4 x 0.7	8.0	8.0	2.4	1.2	1.0	1000
0120180000VR	M4 x 0.7	10.0	8.0	2.4	1.2	1.0	1000
0120190000VR	M4 x 0.7	12.0	8.0	2.4	1.2	1.0	1000
0120210000VR	M4 x 0.7	16.0	8.0	2.4	1.2	1.0	1000
0120220000VR	M4 x 0.7	20.0	8.0	2.4	1.2	1.0	1000
0120230000VR	M4 x 0.7	25.0	8.0	2.4	1.2	1.0	1000
0120240000VR	M4 x 0.7	30.0	8.0	2.4	1.2	1.0	1000

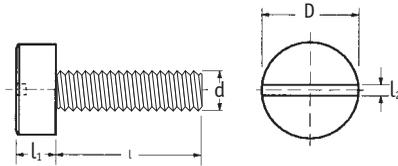
Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	d1	l2	
0120250000VR	M4 x 0.7	40.0	8.0	2.4	1.2	1.0	1000
0120260000VR	M5 x 0.8	6.0	9.8	3.0	1.2	1.2	1000
0120270000VR	M5 x 0.8	8.0	9.8	3.0	1.2	1.2	1000
0120280000VR	M5 x 0.8	10.0	9.8	3.0	1.2	1.2	1000
0120290000VR	M5 x 0.8	12.0	9.8	3.0	1.2	1.2	1000
0120310000VR	M5 x 0.8	16.0	9.8	3.0	1.2	1.2	1000
0120330000VR	M5 x 0.8	20.0	9.8	3.0	1.2	1.2	1000
0120340000VR	M5 x 0.8	25.0	9.8	3.0	1.2	1.2	1000
0120350000VR	M5 x 0.8	30.0	9.8	3.0	1.2	1.2	1000
0120360000VR	M5 x 0.8	40.0	9.8	3.0	1.2	1.2	1000
50M060100N005	M6 x 1.0	5.0	12.0	3.6	1.6	1.4	1000
0120390000VR	M6 x 1.0	6.5	12.0	3.6	1.6	1.4	1000
0120410000VR	M6 x 1.0	8.0	12.0	3.6	1.6	1.4	1000
0120420000VR	M6 x 1.0	10.0	12.0	3.6	1.6	1.4	1000
0120430000VR	M6 x 1.0	12.0	12.0	3.6	1.6	1.4	1000
0120450000VR	M6 x 1.0	16.0	12.0	3.6	1.6	1.4	1000
0120460000VR	M6 x 1.0	20.0	12.0	3.6	1.6	1.4	1000
0120480000VR	M6 x 1.0	25.0	12.0	3.6	1.6	1.4	1000
0120500000VR	M6 x 1.0	30.0	12.0	3.6	1.6	1.4	1000
0120520000VR	M6 x 1.0	40.0	12.0	3.6	1.6	1.4	1000
0120530000VR	M6 x 1.0	50.0	12.0	3.6	1.6	1.4	500
0120550000VR	M6 x 1.0	60.0	12.0	3.6	1.6	1.4	500
0120590000VR	M6 x 1.0	80.0	12.0	3.6	1.6	1.4	500
0120650000VR	M8 x 1.25	10.0	16.0	4.8	2.0	1.9	1000
0120680000VR	M8 x 1.25	16.0	16.0	4.8	2.0	1.9	1000
0120690000VR	M8 x 1.25	20.0	16.0	4.8	2.0	1.9	1000
0120700000VR	M8 x 1.25	25.0	16.0	4.8	2.0	1.9	1000
0120710000VR	M8 x 1.25	30.0	16.0	4.8	2.0	1.9	1000
0120720000VR	M8 x 1.25	35.0	16.0	4.8	2.0	1.9	1000
0120730000VR	M8 x 1.25	40.0	16.0	4.8	2.0	1.9	1000
50M080125N050	M8 x 1.25	50.0	16.0	4.8	2.0	1.9	500
0120750000VR	M8 x 1.25	60.0	16.0	4.8	2.0	1.9	500
0120760000VR	M8 x 1.25	80.0	16.0	4.8	2.0	1.9	1000
0121850000VR	M10 x 1.5	16.0	20.0	6.0	2.5	2.4	500
0120860000VR	M10 x 1.5	20.0	20.0	6.0	2.5	2.4	500
0120880000VR	M10 x 1.5	30.0	20.0	6.0	2.5	2.4	500
0120890000VR	M10 x 1.5	40.0	20.0	6.0	2.5	2.4	500
0120930000VR	M10 x 1.5	80.0	20.0	6.0	2.5	2.4	250

## Slotted Cheese Head Screws

SR 1951

Natural Nylon 6.6

- Refer to standard ISO 1207, NF E 25-127, DIN 84 for guidance purposes only
- More sizes available online
- Black Screws – Standard Pack Quantity = 100



Part Number		Dimensions (mm)					Standard Pack Quantity
Natural	Black	d	l	D	l1	l2	
50M020040D004	-	M2 x 0.4	4	3.8	1.3	0.5	1000
0010020000VR	-	M2 x 0.4	5	3.8	1.3	0.5	1000
0010030000VR	-	M2 x 0.4	6	3.8	1.3	0.5	1000
50M020040D008	-	M2 x 0.4	8	3.8	1.3	0.5	1000
0011450000VR	-	M2 x 0.4	10	3.8	1.3	0.5	1000
50M020040D012	-	M2 x 0.4	12	3.8	1.3	0.7	1000
50M020040D016	-	M2 x 0.4	16	3.8	1.3	0.7	1000
50M020040D020	-	M2 x 0.4	20	3.8	1.3	0.7	1000
50M020040D025	-	M2 x 0.4	25	3.8	1.3	0.7	1000
0011350000VR	-	M2.5 x 0.45	6	4.5	1.6	0.6	1000
50M025045D008	-	M2.5 x 0.45	8	4.5	1.6	0.6	1000
0011460000VR	-	M2.5 x 0.45	10	4.5	1.6	0.6	1000
50M025045D012	-	M2.5 x 0.45	12	4.5	1.6	0.6	1000
0011310000VR	-	M2.5 x 0.45	16	4.5	1.6	0.6	1000
50M025045D020	-	M2.5 x 0.45	20	4.5	1.6	0.8	1000
50M025045D025	-	M2.5 x 0.45	25	4.5	1.6	0.8	1000
0010060000VR	-	M3 x 0.5	4	5.5	2	0.8	1000
0011390000VR	-	M3 x 0.5	5	5.5	2	0.8	1000
0010070000VR	0010070001VR	M3 x 0.5	6	5.5	2	0.8	1000
0010080000VR	0010080001VR	M3 x 0.5	8	5.5	2	0.8	1000
0010090000VR	0010090001VR	M3 x 0.5	10	5.5	2	0.8	1000
0010100000VR	-	M3 x 0.5	12	5.5	2	0.8	1000
0010120000VR	0010120001VR	M3 x 0.5	16	5.5	2	0.8	1000
0010130000VR	0010160001VR	M3 x 0.5	20	5.5	2	0.8	1000
0010140000VR	-	M3 x 0.5	25	5.5	2	0.8	1000
0010150000VR	-	M3 x 0.5	30	5.5	2	0.8	1000
50M030050D035	-	M3 x 0.5	35	6	2.4	1	1000
50M030050D042	-	M3 x 0.5	40	6	2.4	1	1000
0010160000VR	0010160001VR	M4 x 0.7	6	7	2.6	0.9	1000
0010170000VR	-	M4 x 0.7	8	7	2.6	1.2	1000
0010180000VR	0010180001VR	M4 x 0.7	10	7	2.6	1.2	1000
0010190000VR	-	M4 x 0.7	12	7	2.6	1.2	1000
0010210000VR	0010210001VR	M4 x 0.7	16	7	2.6	1.2	1000
0010220000VR	0010220001VR	M4 x 0.7	20	7	2.6	1.2	1000
0010230000VR	-	M4 x 0.7	25	7	2.6	1.2	1000
0010240000VR	0010240001VR	M4 x 0.7	30	7	2.6	1.2	1000
0010250000VR	-	M4 x 0.7	40	7	2.6	1.2	1000
0010260000VR	-	M5 x 0.8	6	8.5	3.3	1.2	1000
0010270000VR	-	M5 x 0.8	8	8.5	3.3	1.2	1000
0010280000VR	0010280001VR	M5 x 0.8	10	8.5	3.3	1.2	1000
0010290000VR	-	M5 x 0.8	12	8.5	3.3	1.2	1000
0010310000VR	0010310001VR	M5 x 0.8	16	8.5	3.3	1.2	1000
0010330000VR	0010330001VR	M5 x 0.8	20	8.5	3.3	1.2	1000
0010340000VR	0010340001VR	M5 x 0.8	25	8.5	3.3	1.2	1000
0010350000VR	0010350001VR	M5 x 0.8	30	8.5	3.3	1.2	1000

Part Number		Dimensions (mm)					Standard Pack Quantity
Natural	Black	d	l	D	l1	l2	
0010360000VR	0010360001VR	M5 x 0.8	40	8.5	3.3	1.2	1000
0010370000VR	-	M5 x 0.8	50	8.5	3.3	1.2	1000
0010380000VR*	-	M5 x 0.8	70	8.5	3.3	1.2	1000
0010390000VR	-	M6 x 1.0	6.5	10	3.9	1.6	1000
0010410000VR	0010410001VR	M6 x 1.0	8	10	3.9	1.6	1000
0010420000VR	0010420001VR	M6 x 1.0	10	10	3.9	1.6	1000
0010430000VR	0010430001VR	M6 x 1.0	12	10	3.9	1.6	1000
0010450000VR	0010450001VR	M6 x 1.0	16	10	3.9	1.6	1000
0010460000VR	0010460001VR	M6 x 1.0	20	10	3.9	1.6	1000
0010470000VR	-	M6 x 1.0	22	10	3.9	1.6	1000
0010480000VR	-	M6 x 1.0	25	10	3.9	1.6	1000
0010500000VR	0010500001VR	M6 x 1.0	30	10	3.9	1.6	1000
0010520000VR	-	M6 x 1.0	40	10	3.9	1.6	1000
0010530000VR	-	M6 x 1.0	50	10	3.9	1.6	1000
0010550000VR	-	M6 x 1.0	60	10	3.9	1.6	1000
50M060100D070	-	M6 x 1.0	70	10	3.9	1.6	500
0010570000VR	-	M6 x 1.0	80	10	3.9	1.6	1000
0010640000VR	-	M8 x 1.25	8	13	5	2	1000
0010650000VR	0010650001VR	M8 x 1.25	10	13	5	2	1000
0010680000VR	0010680001VR	M8 x 1.25	16	13	5	2	1000
0010690000VR	0010690001VR	M8 x 1.25	20	13	5	2	1000
0010700000VR	-	M8 x 1.25	25	13	5	2	1000
0010710000VR	0010710001VR	M8 x 1.25	30	13	5	2	1000
0010720000VR	-	M8 x 1.25	35	13	5	2	1000
0010730000VR	0010730001VR	M8 x 1.25	40	13	5	2	1000
0010740000VR	-	M8 x 1.25	50	13	5	2	500
0010750000VR	-	M8 x 1.25	60	13	5	2	500
0011480000VR	-	M8 x 1.25	70	13	5	2	500
0010770000VR	-	M8 x 1.25	80	13	5	2	100
0011850000VR	-	M10 x 1.5	16	16	6	2.5	500
0010860000VR	0010860001VR	M10 x 1.5	20	16	6	2.5	500
0010880000VR	-	M10 x 1.5	30	16	6	2.5	500
0010890000VR	-	M10 x 1.5	40	16	6	2.5	500
0010900000VR	-	M10 x 1.5	50	16	6	2.5	250
0010910000VR	-	M10 x 1.5	60	16	6	2.5	250
0010920000VR	-	M10 x 1.5	70	16	6	2.5	250
0011020000VR	-	M12 x 1.75	40	19	8	2.5	500
0011030000VR	-	M12 x 1.75	50	19	8	2.5	1000
0011860000VR	-	M16 x 2.0	40	23	9.5	4.5	500
0011180000VR	-	M16 x 2.0	50	23	9.5	4.5	250

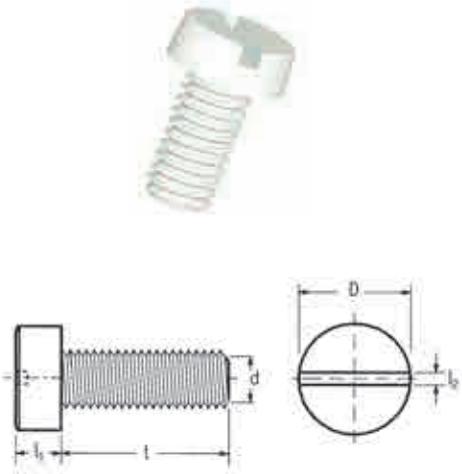
\*partially threaded

## Slotted Cheese Head Screws – PP

SR 1904

Natural Polypropylene

- Refer to standard ISO 1207, NF E 25-127, DIN 84 for guidance purposes only



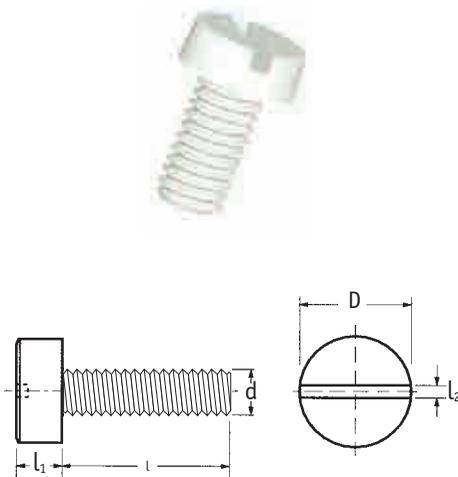
Part Number	Dimensions (mm)					Standard Pack Quantity
	d	l	D	l <sub>1</sub>	l <sub>2</sub>	
0010090300VR	M3 x 0.5	10.0	5.5	2.0	0.8	100
0010120300VR	M3 x 0.5	16.0	5.5	2.0	0.8	100
0010130300VR	M3 x 0.5	20.0	5.5	2.0	0.8	100
0010160300VR	M4 x 0.7	6.0	7.0	2.6	1.2	100
0010180300VR	M4 x 0.7	10.0	7.0	2.6	1.2	100
0010210300VR	M4 x 0.7	16.0	7.0	2.6	1.2	100
0010220300VR	M4 x 0.7	20.0	7.0	2.6	1.2	100
0010240300VR	M4 x 0.7	30.0	7.0	2.6	1.2	100
0010280300VR	M5 x 0.8	10.0	8.5	3.3	1.2	100
0010310300VR	M5 x 0.8	16.0	8.5	3.3	1.2	100
0010330300VR	M5 x 0.8	20.0	8.5	3.3	1.2	100
0010340300VR	M5 x 0.8	25.0	8.5	3.3	1.2	100
0010350300VR	M5 x 0.8	30.0	8.5	3.3	1.2	100
0010360300VR	M5 x 0.8	40.0	8.5	3.3	1.2	100
0010410300VR	M6 x 1.0	8.0	10.0	3.9	1.6	100
0010420300VR	M6 x 1.0	10.0	10.0	3.9	1.6	100
0010450300VR	M6 x 1.0	16.0	10.0	3.9	1.6	100
0010460300VR	M6 x 1.0	20.0	10.0	3.9	1.6	100
0010480300VR	M6 x 1.0	25.0	10.0	3.9	1.6	100
0010500300VR	M6 x 1.0	30.0	10.0	3.9	1.6	100
0010650300VR	M8 x 1.25	10.0	13.0	5.0	2.0	100
0010680300VR	M8 x 1.25	16.0	13.0	5.0	2.0	100
0010690300VR	M8 x 1.25	20.0	13.0	5.0	2.0	100
0010710300VR	M8 x 1.25	35.0	13.0	5.0	2.0	100
0010730300VR	M8 x 1.25	40.0	13.0	5.0	2.0	100
0010860300VR	M10 x 1.5	20.0	16.0	6.0	2.5	100
0010890300VR	M10 x 1.5	40.0	16.0	6.0	2.5	100

## Slotted Cheese Head Screws – PVDF

SR 1903

Natural PVDF

- Refer to standard ISO 1207, NF E 25-127, DIN 84 for guidance purposes only



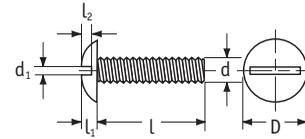
Part Number	Dimensions (mm)					Standard Pack Quantity
	d	l	D	l <sub>1</sub>	l <sub>2</sub>	
0010090500VR	M3 x 0.5	10.0	5.5	2.0	0.8	100
0010120500VR	M3 x 0.5	16.0	5.5	2.0	0.8	100
0010130500VR	M3 x 0.5	20.0	5.5	2.0	0.8	100
0010160500VR	M4 x 0.7	6.0	7.0	2.6	1.2	100
0010180500VR	M4 x 0.7	10.0	7.0	2.6	1.2	100
0010210500VR	M4 x 0.7	16.0	7.0	2.6	1.2	100
0010220500VR	M4 x 0.7	20.0	7.0	2.6	1.2	100
0010240500VR	M4 x 0.7	30.0	7.0	2.6	1.2	100
0010280500VR	M5 x 0.8	10.0	8.5	3.3	1.2	100
0010310500VR	M5 x 0.8	16.0	8.5	3.3	1.2	100
0010330500VR	M5 x 0.8	20.0	8.5	3.3	1.2	100
0010340500VR	M5 x 0.8	25.0	8.5	3.3	1.2	100
0010350500VR	M5 x 0.8	30.0	8.5	3.3	1.2	100
0010360500VR	M5 x 0.8	40.0	8.5	3.3	1.2	100
0010410500VR	M6 x 1.0	8.0	10.0	3.9	1.6	100
0010420500VR	M6 x 1.0	10.0	10.0	3.9	1.6	100
0010450500VR	M6 x 1.0	16.0	10.0	3.9	1.6	100
0010460500VR	M6 x 1.0	20.0	10.0	3.9	1.6	100
0010480500VR	M6 x 1.0	25.0	10.0	3.9	1.6	100
0010500500VR	M6 x 1.0	30.0	10.0	3.9	1.6	100

## Cross Slotted Mushroom Head Screws

SR 1971

Natural and Black Nylon 6.6

- Refer to standard NF E 25-129 for guidance purposes only
- Black Screws Standard Pack Quantity = 100



Part Number		Dimensions (mm)						Standard Pack Quantity
Natural	Black	d	l	D	H	l1	l2	
0170650000VR	0170650001VR	M8 x 1.25	10.0	20.0	4.4	2.0	2.0	1000
0870690000VR	0870690001VR	M8 x 1.25	20.0	20.0	4.4	2.0	2.0	1000
0870700000VR	1287345	M8 x 1.25	25.0	20.0	4.4	2.0	2.0	1000
0870710000VR	0870710001VR	M8 x 1.25	30.0	20.0	4.4	2.0	2.0	1000

## Slotted Mushroom Head Screws

SR 1971

Natural and Black Nylon 6.6

- Refer to standard NF E 25-129 for guidance purposes only
- Black Screws Std Pack Qty = 100



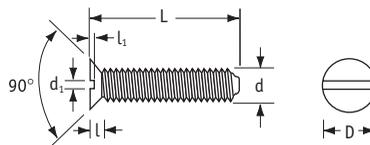
Part Number		Dimensions (mm)						Standard Pack Quantity
Natural	Black	d	l	D	H	l1	l2	
0170160000VR	-	M4 x 0.7	6	9	2.2	2.2	1.2	1000
0170170000VR	-	M4 x 0.7	8	9	2.2	2.2	1.2	1000
0170180000VR	0170180001VR	M4 x 0.7	10	9	2.2	2.2	1.2	1000
0170190000VR	-	M4 x 0.7	12	9	2.2	2.2	1.2	1000
0170210000VR	0170210001VR	M4 x 0.7	16	9	2.2	2.2	1.2	1000
0170220000VR	0170220001VR	M4 x 0.7	20	9	2.2	2.2	1.2	1000
0170270000VR	-	M5 x 0.8	8	11	2.7	2.7	1.2	1000
0170280000VR	0170280001VR	M5 x 0.8	10	11	2.7	2.7	1.2	1000
0170290000VR	-	M5 x 0.8	12	11	2.7	2.7	1.2	1000
0170310000VR	0170310001VR	M5 x 0.8	16	11	2.7	2.7	1.2	1000
0170330000VR	0170330001VR	M5 x 0.8	20	11	2.7	2.7	1.2	1000
0170340000VR	-	M5 x 0.8	25	11	2.7	2.7	1.2	1000
0170350000VR	0170350001VR	M5 x 0.8	30	11	2.7	2.7	1.2	1000
0170360000VR	-	M5 x 0.8	40	11	2.7	2.7	1.2	1000
0170390000VR	-	M6 x 1.0	6.5	14	3.3	3.3	1.6	1000
0170410000VR	-	M6 x 1.0	8	14	3.3	3.3	1.6	1000
0170420000VR	0170420001VR	M6 x 1.0	10	14	3.3	3.3	1.6	1000
0170430000VR	-	M6 x 1.0	12	14	3.3	3.3	1.6	1000
0170450000VR	0170450001VR	M6 x 1.0	16	14	3.3	3.3	1.6	1000
0170460000VR	0170460001VR	M6 x 1.0	20	14	3.3	3.3	1.6	1000
0170470000VR	-	M6 x 1.0	22	14	3.3	3.3	1.6	1000
0170480000VR	-	M6 x 1.0	25	14	3.3	3.3	1.6	1000
0170500000VR	0170500001VR	M6 x 1.0	30	14	3.3	3.3	1.6	1000
0170520000VR	0170520001VR	M6 x 1.0	40	14	3.3	3.3	1.6	1000
0170530000VR	-	M6 x 1.0	50	14	3.3	3.3	6	500
0170540000VR	-	M6 x 1.0	60	14	3.3	3.3	1.6	500
0170560000VR	-	M6 x 1.0	80	14	3.3	3.3	1.6	500
0170680000VR	0170680001VR	M8 x 1.25	16	20	4.4	4.4	2	1000
0170690000VR	0170690001VR	M8 x 1.25	20	20	4.4	4.4	2	1000
0170701700VR	-	M8 x 1.25	25	20	4.4	4.4	2	1000
0170710000VR	0170710001VR	M8 x 1.25	30	20	4.4	4.4	2	1000
0170720000VR	-	M8 x 1.25	35	20	4.4	4.4	2	1000

## Slotted Countersunk Screws

SR 1967

Natural or Black Nylon 6.6

- Refer to standard ISO 2009, NF E 25-123, DIN 963 for guidance purposes only
- More sizes available online
- Black Screws – Standard Pack Quantity = 100



Part Number		Dimensions (mm)						Standard Pack Quantity
Natural	Black	d	l	D	H	l1	l2	
50M020040H004	-	M2 x 0.4	4	4	1.2	0.6	0.5	1000
50M020040H005	-	M2 x 0.4	5	4	1.2	0.6	0.5	1000
50M020040H006	-	M2 x 0.4	6	4	1.2	0.6	0.5	1000
50M020040H008	-	M2 x 0.4	8	4	1.2	0.6	0.5	1000
50M020040H010	-	M2 x 0.4	10	4	1.2	0.6	0.5	1000
50M020040H012	-	M2 x 0.4	12	4	1.2	0.6	0.5	1000
50M020040H016	-	M2 x 0.4	16	4	1.2	0.6	0.5	1000
50M020040H025	-	M2 x 0.4	25	4	1.2	0.6	0.5	1000
50M025045H004	-	M2.5 x 0.45	4	4.7	1.5	0.7	0.6	1000
50M025045H005	-	M2.5 x 0.45	5	4.7	1.5	0.7	0.6	1000
50M025045H006	-	M2.5 x 0.45	6	4.7	1.5	0.7	0.6	1000
50M025045H008	-	M2.5 x 0.45	8	4.7	1.5	0.7	0.6	1000
50M025045H010	-	M2.5 x 0.45	10	4.7	1.5	0.7	0.6	1000
50M025045H016	-	M2.5 x 0.45	16	4.7	1.5	0.7	0.6	1000
50M025045H020	-	M2.5 x 0.45	20	4.7	1.5	0.7	0.6	1000
50M025045H025	-	M2.5 x 0.45	25	4.7	1.5	0.7	0.6	1000
0100060000VR	-	M3 x 0.5	4	6	1.7	0.8	0.9	1000
0100070000VR	-	M3 x 0.5	6	6	1.7	0.8	0.9	1000
0100080000VR	0100080001VR	M3 x 0.5	8	6	1.7	0.8	0.9	1000
0100090000VR	0100090001VR	M3 x 0.5	10	6	1.7	0.8	0.9	1000
0100100000VR	0100100001VR	M3 x 0.5	12	6.3	1.7	0.8	0.9	1000
0100120000VR	0100120001VR	M3 x 0.5	16	6	1.7	0.8	0.9	1000
0100130000VR	0100130001VR	M3 x 0.5	20	6	1.7	0.8	0.9	1000
0100140000VR	-	M3 x 0.5	25	6.3	1.7	0.8	0.9	1000
50M030050H030	-	M3 x 0.5	30	5.6	1.7	0.9	0.7	1000
50M030050H042	-	M3 x 0.5	42	5.6	1.7	0.9	0.7	1000
0100160000VR	-	M4 x 0.7	6	7.8	2.7	1.2	1.3	1000
0100170000VR	-	M4 x 0.7	8	7.8	2.7	1.2	1.3	1000
0100180000VR	0100180001VR	M4 x 0.7	10	7.8	2.7	1.2	1.3	1000
0100190000VR	0100190001VR	M4 x 0.7	12	7.8	2.7	1.2	1.3	1000
0100210000VR	0100210001VR	M4 x 0.7	16	7.8	2.7	1.2	1.3	1000
0100900000VR	-	M4 x 0.7	18	7.8	2.7	1.2	1.3	1000
0100220000VR	0100220001VR	M4 x 0.7	20	7.8	2.7	1.2	1.3	1000
0100230000VR	-	M4 x 0.7	25	7.8	2.7	1.2	1.3	1000
0100240000VR	0100240001VR	M4 x 0.7	30	7.8	2.7	1.2	1.3	1000

Part Number		Dimensions (mm)						Standard Pack Quantity
Natural	Black	d	l	D	H	l1	l2	
0100790000VR	-	M4 x 0.7	35	7.8	2.7	1.2	1.3	1000
0100250000VR	-	M4 x 0.7	40	7.8	2.7	1.2	1.3	1000
0100810000VR	-	M5 x 0.8	8	10.3	2.5	1.4	1.2	1000
0100280000VR*	0100280001VR	M5 x 0.8	10	10	2.7	1.2	1.4	1000
0100290000VR	-	M5 x 0.8	12	9	2.7	1.2	1.4	1000
0100310000VR	0100310001VR	M5 x 0.8	16	10	2.7	1.2	1.4	1000
0100320000VR	-	M5 x 0.8	18	10.4	2.7	1.2	1.4	1000
0100330000VR	0100330001VR	M5 x 0.8	20	10	2.7	1.2	1.4	1000
0100340000VR	-	M5 x 0.8	25	10	2.7	1.2	1.4	1000
0100350000VR	0100350001VR	M5 x 0.8	30	9.2	2.7	1.2	1.4	1000
0100370000VR	-	M5 x 0.8	35	10.4	2.7	1.2	1.4	1000
0100360000VR	0100360001VR	M5 x 0.8	40	9.2	2.7	1.2	1.4	1000
0100870000VR	-	M5 x 0.8	60	9.2	2.7	1.2	1.4	500
0100410000VR	-	M6 x 1.0	8	11	3.3	1.6	1.6	1000
0100420000VR	0100420001VR	M6 x 1.0	10	11	3.3	1.6	1.6	1000
0100430000VR	0100430001VR	M6 x 1.0	12	11	3.3	1.6	1.6	1000
0100450000VR	0100450001VR	M6 x 1.0	16	11	3.3	1.6	1.6	1000
0100460000VR	0100460001VR	M6 x 1.0	20	11	3.3	1.6	1.6	1000
0100480000VR	-	M6 x 1.0	25	11	3.3	1.6	1.6	1000
0100500000VR	0100500001VR	M6 x 1.0	30	11	3.3	1.6	1.6	1000
0100520000VR	0100520001VR	M6 x 1.0	40	11	3.3	1.6	1.6	1000
0100530000VR	-	M6 x 1.0	50	11	3.3	1.6	1.6	500
0100540000VR	0100540001VR	M6 x 1.0	60	11	3.3	1.6	1.6	500
0100680000VR	0100680001VR	M8 x 1.25	16	14.5	4.7	2	2.3	1000
0100690000VR	0100690001VR	M8 x 1.25	20	14.5	4.7	2	2.3	1000
0100700000VR	-	M8 x 1.25	25	14.5	4.7	2	2.3	1000
0100710000VR	0100710001VR	M8 x 1.25	30	14.5	4.7	2	2.3	1000
0100730000VR	-	M8 x 1.25	40	14.5	4.7	2	2.3	1000
0100740000VR	0100740001VR	M8 x 1.25	50	14.5	4.7	2	2.3	500
0100760000VR	-	M8 x 1.25	60	14.5	4.7	2	2.3	500
0100820000VR	-	M10 x 1.5	20	18	5	2.6	2.3	500
0100830000VR	-	M10 x 1.5	25	18	5	2.6	2.3	1000
0100840000VR	-	M10 x 1.5	30	18	5	2.6	2.3	500
0100780000VR	-	M10 x 1.5	35	18	5	2.6	2.3	500
0100770000VR	-	M10 x 1.5	40	17.5	5	2.6	2.3	500
0100860000VR	-	M10 x 1.5	60	18	5	2.6	2.3	250

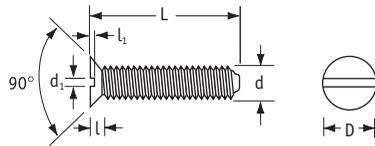
\*Item 0100280000VR does not conform to DIN standard 963

### Slotted Countersunk Screws – PP

SR 1910

Natural Polypropylene

- Refer to standard ISO 2009, NF E 25-123, DIN 963 for guidance purposes only



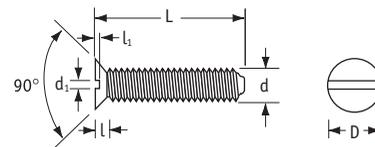
Part Number	Dimensions (mm)						Standard Pack Quantity
	d	L	D	l	l1	l2	
0100120300VR	M3 x 0.5	16.0	6.0	1.7	0.8	0.9	100
0100130300VR	M3 x 0.5	20.0	6.0	1.7	0.8	0.9	100
0100180300VR	M4 x 0.7	10.0	7.8	2.7	1.2	1.3	100
0100190300VR	M4 x 0.7	12.0	7.8	2.7	1.2	1.3	100
0100210300VR	M4 x 0.7	16.0	7.8	2.7	1.2	1.3	100
0100220300VR	M4 x 0.7	20.0	7.8	2.7	1.2	1.3	100
0100230300VR	M4 x 0.7	25.0	7.8	2.7	1.2	1.3	100
0100280300VR	M5 x 0.8	10.0	10.0	2.7	1.2	1.4	100
0100310300VR	M5 x 0.8	16.0	10.4	2.7	1.2	1.4	100
0100330300VR	M5 x 0.8	20.0	10.0	2.7	1.2	1.4	100
0100340300VR	M5 x 0.8	25.0	10.0	2.7	1.2	1.4	100
0100350300VR	M5 x 0.8	30.0	9.2	2.7	1.2	1.4	100
0100360300VR	M5 x 0.8	40.0	9.2	2.7	1.2	1.4	100
0100420300VR	M6 x 1.0	10.0	11.0	3.3	1.6	1.6	100
0100450300VR	M6 x 1.0	16.0	11.0	3.3	1.6	1.6	100
0100460300VR	M6 x 1.0	20.0	11.0	3.3	1.6	1.6	100
0100480300VR	M6 x 1.0	25.0	11.0	3.3	1.6	1.6	100
0100500300VR	M6 x 1.0	30.0	11.0	3.3	1.6	1.6	100
0100520300VR	M6 x 1.0	40.0	11.0	3.3	1.6	1.6	100
0100540300VR	M6 x 1.0	60.0	11.0	3.3	1.6	1.6	100
0100680300VR	M8 x 1.25	16.0	14.5	4.7	2.0	2.3	100
0100690300VR	M8 x 1.25	20.0	14.5	4.7	2.0	2.3	100
0100700300VR	M8 x 1.25	25.0	14.5	4.7	2.0	2.3	100
0100710300VR	M8 x 1.25	30.0	14.7	4.7	2.0	2.3	100
0100770300VR	M10 x 1.5	40.0	17.5	5.0	2.6	2.3	100

### Slotted Countersunk Screws – PVDF

SR 1909

Natural PVDF

- Refer to standard ISO 2009, NF E 25-123, DIN 963 for guidance purposes only

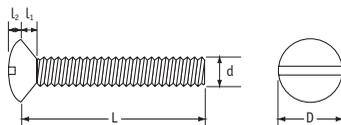


Part Number	Dimensions (mm)						Standard Pack Quantity
	d	L	D	l	l1	l2	
0100080500VR	M3 x 0.5	8.0	6.0	1.7	0.8	0.9	100
0100090500VR	M3 x 0.5	10.0	6.0	1.7	0.8	0.9	100
0100100500VR	M3 x 0.5	12.0	6.3	1.7	0.8	0.9	100
0100120500VR	M3 x 0.5	16.0	6.0	1.7	0.8	0.9	100
0100130500VR	M3 x 0.5	20.0	6.0	1.7	0.8	0.9	100
0100180500VR	M4 x 0.7	10.0	7.8	2.7	1.2	1.3	100
0100190500VR	M4 x 0.7	12.0	7.8	2.7	1.2	1.3	100
0100210500VR	M4 x 0.7	16.0	7.8	2.7	1.2	1.3	100
0100220500VR	M4 x 0.7	20.0	7.8	2.7	1.2	1.3	100
0100230500VR	M4 x 0.7	25.0	7.8	2.7	1.2	1.3	100
0100280500VR	M5 x 0.8	10.0	10.0	2.7	1.2	1.4	100
0100310500VR	M5 x 0.8	16.0	10.4	2.7	1.2	1.4	100
0100330500VR	M5 x 0.8	20.0	10.0	2.7	1.2	1.4	100
0100340500VR	M5 x 0.8	25.0	10.0	2.7	1.2	1.4	100
0100350500VR	M5 x 0.8	30.0	9.2	2.7	1.2	1.4	100
0100360500VR	M5 x 0.8	40.0	9.2	2.7	1.2	1.4	100
0100420500VR	M6 x 1.0	10.0	11.0	3.3	1.6	1.6	100
0100430500VR	M6 x 1.0	12.0	11.0	3.3	1.6	1.6	100
0100450500VR	M6 x 1.0	16.0	11.0	3.3	1.6	1.6	100
0100460500VR	M6 x 1.0	20.0	11.0	3.3	1.6	1.6	100
0100480500VR	M6 x 1.0	25.0	11.0	3.3	1.6	1.6	100
0100500500VR	M6 x 1.0	30.0	11.0	3.3	1.6	1.6	100
0100520500VR	M6 x 1.0	40.0	11.0	3.3	1.6	1.6	100
0100540500VR	M6 x 1.0	60.0	11.0	3.3	1.6	1.6	100

### Raised Slotted Countersunk Screws

SR 1996

Natural Nylon



Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	l2		
0110070000VR	M3 x 0.5	6.3	6.0	1.65	0.7	1000	
0110090000VR	M3 x 0.5	6.3	10.0	1.65	0.7	1000	
0110120000VR	M3 x 0.5	6.3	16.0	1.65	0.7	1000	
0110130000VR	M3 x 0.5	6.3	20.0	1.65	0.7	1000	
0110160000VR	M4 x 0.7	9.4	6.0	2.7	1.0	1000	

Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	l2		
0110180000VR	M4 x 0.7	9.4	10.0	2.7	1.0	1000	
0110190000VR	M4 x 0.7	9.4	12.0	2.7	1.0	1000	
0110210000VR	M4 x 0.7	9.4	16.0	2.7	1.0	1000	
0110900000VR	M4 x 0.7	9.4	18.0	2.7	1.0	1000	
0110220000VR	M4 x 0.7	9.4	20.0	2.7	1.0	1000	
0110230000VR	M4 x 0.7	9.4	25.0	2.7	1.0	1000	
0110280000VR	M5 x 0.8	10.4	10.0	2.7	1.2	1000	
0110300000VR	M5 x 0.8	10.4	15.0	2.7	1.2	1000	
0110330000VR	M5 x 0.8	10.4	20.0	2.7	1.2	1000	
0110340000VR	M5 x 0.8	10.4	25.0	2.7	1.2	1000	
0110350000VR	M5 x 0.8	9.1	30.0	2.7	1.2	1000	
0110410000VR	M6 x 1.0	11.0	8.0	3.3	1.4	1000	
0110460000VR	M6 x 1.0	11.0	20.0	3.3	1.4	1000	
0110480000VR	M6 x 1.0	11.0	25.0	3.3	1.4	1000	
0110700000VR	M8 x 1.25	14.5	25.0	4.65	2.0	1000	
0110710000VR	M8 x 1.25	14.5	30.0	4.65	2.0	1000	

## Fillister Phillips Screws and Fillister Slotted Screws

SR K-0007 & SR K-0008

Natural PA 6.6



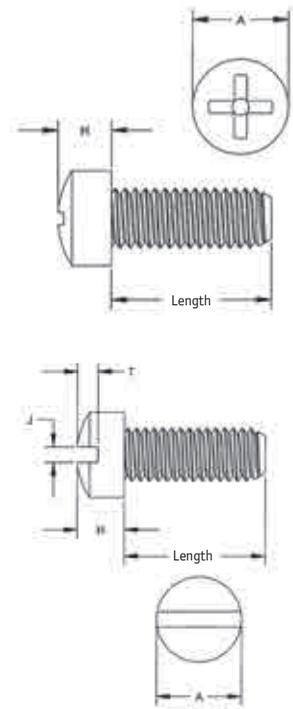
Part Number		Dimensions (mm)							Standard Pack Quantity
Phillips	Slotted	Thread Size	Length	A	H	J	T		
50M020040G004	50M020040F004	M2 x 0.4	4.0	3.8	1.6	0.6	0.9	1000	
50M020040G005	50M020040F005	M2 x 0.4	5.0	3.8	1.6	0.6	0.9	1000	
50M020040G006	50M020040F006	M2 x 0.4	6.0	3.8	1.6	0.6	0.9	1000	
50M020040G008	50M020040F008	M2 x 0.4	8.0	3.8	1.6	0.6	0.9	1000	
50M020040G010	50M020040F010	M2 x 0.4	10.0	3.8	1.6	0.6	0.9	1000	
50M020040G012	50M020040F012	M2 x 0.4	12.0	3.8	1.6	0.6	0.9	1000	
50M020040G016	50M020040F016	M2 x 0.4	16.0	3.8	1.6	0.6	0.9	1000	
50M020040G020	50M020040F020	M2 x 0.4	20.0	3.8	1.6	0.6	0.9	1000	
50M020040G025	50M020040F025	M2 x 0.4	25.0	3.8	1.6	0.6	0.9	1000	
50M025045G004	50M025045F004	M2.5 x 0.45	4.0	5.0	2.0	0.7	1.1	1000	
50M025045G005	50M025045F005	M2.5 x 0.45	5.0	5.0	2.0	0.7	1.1	1000	
50M025045G006	50M025045F006	M2.5 x 0.45	6.0	5.0	2.0	0.7	1.1	1000	
50M025045G008	50M025045F008	M2.5 x 0.45	8.0	5.0	2.0	0.7	1.1	1000	
50M025045G010	50M025045F010	M2.5 x 0.45	10.0	5.0	2.0	0.7	1.1	1000	
50M025045G012	50M025045F012	M2.5 x 0.45	12.0	5.0	2.0	0.7	1.1	1000	
50M025045G016	50M025045F016	M2.5 x 0.45	16.0	5.0	2.0	0.7	1.1	1000	
50M025045G020	50M025045F020	M2.5 x 0.45	20.0	5.0	2.0	0.7	1.1	1000	
50M025045G025	50M025045F025	M2.5 x 0.45	25.0	5.0	2.0	0.7	1.1	1000	
50M030050G004	50M030050F004	M3 x 0.5	4.0	6.0	2.4	1.0	1.3	1000	
50M030050G005	50M030050F005	M3 x 0.5	5.0	6.0	2.4	1.0	1.3	1000	
50M030050G006	50M030050F006	M3 x 0.5	6.0	6.0	2.4	1.0	1.3	1000	
50M030050G008	50M030050F008	M3 x 0.5	8.0	6.0	2.4	1.0	1.3	1000	
50M030050G010	50M030050F010	M3 x 0.5	10.0	6.0	2.4	1.0	1.3	1000	
50M030050G012	50M030050F012	M3 x 0.5	12.0	6.0	2.4	1.0	1.3	1000	
50M030050G016	50M030050F016	M3 x 0.5	16.0	6.0	2.4	1.0	1.3	1000	
50M030050G020	50M030050F020	M3 x 0.5	20.0	6.0	2.4	1.0	1.3	1000	
50M030050G025	50M030050F025	M3 x 0.5	25.0	6.0	2.4	1.0	1.3	1000	
50M030050G030	50M030050F030	M3 x 0.5	30.0	6.0	2.4	1.0	1.3	1000	
50M030050G035	50M030050F035	M3 x 0.5	35.0	6.0	2.4	1.0	1.3	1000	
50M030050G042	50M030050F042	M3 x 0.5	42.0	6.0	2.4	1.0	1.3	1000	
50M035060G005	50M035060F005	M3.5 x 0.6	5.0	7.0	2.7	1.1	1.4	1000	
50M035060G006	50M035060F006	M3.5 x 0.6	6.0	7.0	2.7	1.1	1.4	1000	
50M035060G007	50M035060F007	M3.5 x 0.6	7.0	7.0	2.7	1.1	1.4	1000	
50M035060G008	50M035060F008	M3.5 x 0.6	8.0	7.0	2.7	1.1	1.4	1000	
50M035060G010	50M035060F010	M3.5 x 0.6	10.0	7.0	2.7	1.1	1.4	1000	
50M035060G012	50M035060F012	M3.5 x 0.6	12.0	7.0	2.7	1.1	1.4	1000	
50M035060G016	50M035060F016	M3.5 x 0.6	16.0	7.0	2.7	1.1	1.4	1000	
50M035060G020	50M035060F020	M3.5 x 0.6	20.0	7.0	2.7	1.1	1.4	1000	
50M035060G025	50M035060F025	M3.5 x 0.6	25.0	7.0	2.7	1.1	1.4	1000	
50M035060G035	50M035060F035	M3.5 x 0.6	35.0	7.0	2.7	1.1	1.4	1000	
50M035060G042	50M035060F042	M3.5 x 0.6	42.0	7.0	2.7	1.1	1.4	1000	
50M040070G003	50M040070F003	M4 x 0.7	3.0	8.0	3.1	1.2	1.6	1000	
50M040070G006	50M040070F006	M4 x 0.7	6.0	8.0	3.1	1.2	1.6	1000	
50M040070G008	50M040070F008	M4 x 0.7	8.0	8.0	3.1	1.2	1.6	1000	
50M040070G010	50M040070F010	M4 x 0.7	10.0	8.0	3.1	1.2	1.6	1000	
50M040070G012	50M040070F012	M4 x 0.7	12.0	8.0	3.1	1.2	1.6	1000	
50M040070G016	50M040070F016	M4 x 0.7	16.0	8.0	3.1	1.2	1.6	1000	
50M040070G020	50M040070F020	M4 x 0.7	20.0	8.0	3.1	1.2	1.6	1000	
50M040070G025	50M040070F025	M4 x 0.7	25.0	8.0	3.1	1.2	1.6	1000	
50M040070G030	50M040070F030	M4 x 0.7	30.0	8.0	3.1	1.2	1.6	1000	
50M040070G035	50M040070F035	M4 x 0.7	35.0	8.0	3.1	1.2	1.6	500	
50M040070G040	50M040070F040	M4 x 0.7	40.0	8.0	3.1	1.2	1.6	500	
50M050080G006	50M050080F006	M5 x 0.8	6.0	9.45	3.8	1.5	2.0	1000	
50M050080G008	50M050080F008	M5 x 0.8	8.0	9.45	3.8	1.5	2.0	1000	
50M050080G010	50M050080F010	M5 x 0.8	10.0	9.45	3.8	1.5	2.0	1000	
50M050080G012	50M050080F012	M5 x 0.8	12.0	9.45	3.8	1.5	2.0	1000	
50M050080G015	50M050080F015	M5 x 0.8	15.0	9.45	3.8	1.5	2.0	1000	
50M050080G016	50M050080F016	M5 x 0.8	16.0	9.45	3.8	1.5	2.0	1000	
50M050080G020	50M050080F020	M5 x 0.8	20.0	9.45	3.8	1.5	2.0	1000	
50M050080G025	50M050080F025	M5 x 0.8	25.0	9.45	3.8	1.5	2.0	500	
50M050080G030	50M050080F030	M5 x 0.8	30.0	9.45	3.8	1.5	2.0	500	
50M050080G035	50M050080F035	M5 x 0.8	35.0	9.45	3.8	1.5	2.0	500	
50M050080G040	50M050080F040	M5 x 0.8	40.0	9.45	3.8	1.5	2.0	500	



Phillips



Slotted



Part Number		Dimensions (mm)							Standard Pack Quantity
Phillips	Slotted	Thread Size	Length	A	H	J	T		
50M060100G005	50M060100F005	M6 x 1.0	5.0	12.0	4.6	1.9	2.3	1000	
50M060100G008	50M060100F008	M6 x 1.0	8.0	12.0	4.6	1.9	2.3	1000	
50M060100G010	50M060100F010	M6 x 1.0	10.0	12.0	4.6	1.9	2.3	500	
50M060100G012	50M060100F012	M6 x 1.0	12.0	12.0	4.6	1.9	2.3	500	
50M060100G016	50M060100F016	M6 x 1.0	16.0	12.0	4.6	1.9	2.3	500	
50M060100G020	50M060100F020	M6 x 1.0	20.0	12.0	4.6	1.9	2.3	500	
50M060100G022	50M060100F022	M6 x 1.0	22.0	12.0	4.6	1.9	2.3	500	
50M060100G025	50M060100F025	M6 x 1.0	25.0	12.0	4.6	1.9	2.3	500	
50M060100G030	50M060100F030	M6 x 1.0	30.0	12.0	4.6	1.9	2.3	500	
50M060100G035	50M060100F035	M6 x 1.0	35.0	12.0	4.6	1.9	2.3	500	
50M060100G040	50M060100F040	M6 x 1.0	40.0	12.0	4.6	1.9	2.3	500	
50M060100G045	50M060100F045	M6 x 1.0	45.0	12.0	4.6	1.9	2.3	500	
50M060100G050	50M060100F050	M6 x 1.0	50.0	12.0	4.6	1.9	2.3	500	
50M060100G060	50M060100F060	M6 x 1.0	60.0	12.0	4.6	1.9	2.3	500	
50M060100G070	50M060100F070	M6 x 1.0	70.0	12.0	4.6	1.9	2.3	500	
50M060100G075	50M060100F075	M6 x 1.0	75.0	12.0	4.6	1.9	2.3	500	
50M080125G010	50M080125F010	M8 x 1.25	10.0	16.0	6.0	2.3	2.8	500	
50M080125G016	50M080125F016	M8 x 1.25	16.0	16.0	6.0	2.3	2.8	500	
50M080125G020	50M080125F020	M8 x 1.25	20.0	16.0	6.0	2.3	2.8	500	
50M080125G025	50M080125F025	M8 x 1.25	25.0	16.0	6.0	2.3	2.8	500	
50M080125G030	50M080125F030	M8 x 1.25	30.0	16.0	6.0	2.3	2.8	500	
50M080125G035	50M080125F035	M8 x 1.25	35.0	16.0	6.0	2.3	2.8	500	
50M080125G050	50M080125F050	M8 x 1.25	50.0	16.0	6.0	2.3	2.8	500	
50M080125G070	50M080125F070	M8 x 1.25	70.0	16.0	6.0	2.3	2.8	500	
50M100150G013	50M100150F013	M10 x 1.5	13.0	18.0	7.0	2.8	3.2	500	
50M100150G016	50M100150F016	M10 x 1.5	16.0	18.0	7.0	2.8	3.2	500	
50M100150G019	50M100150F019	M10 x 1.5	19.0	18.0	7.0	2.8	3.2	500	
50M100150G020	50M100150F020	M10 x 1.5	20.0	18.0	7.0	2.8	3.2	500	
50M100150G025	50M100150F025	M10 x 1.5	25.0	18.0	7.0	2.8	3.2	500	
50M100150G030	50M100150F030	M10 x 1.5	30.0	18.0	7.0	2.8	3.2	500	
50M100150G035	50M100150F035	M10 x 1.5	35.0	18.0	7.0	2.8	3.2	500	
50M100150G050	50M100150F050	M10 x 1.5	50.0	18.0	7.0	2.8	3.2	500	
50M100150G060	50M100150F060	M10 x 1.5	60.0	18.0	7.0	2.8	3.2	500	

# Countersunk Phillips and Oval Phillips Screws

SR K-0005 & SR K-0006

Natural PA 6.6

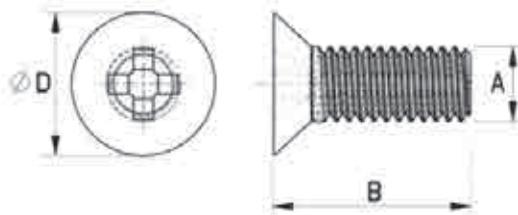


Countersunk



Oval

Part Number		Dimensions (mm)			Standard Pack
Countersunk	Oval	A	B	D	Quantity
50M025045I004	50M025045M004	M2.5 x 0.45	4.0	4.4 - 5.5	1000
50M025045I005	50M025045M005	M2.5 x 0.45	5.0	4.4 - 5.5	1000
50M025045I006	50M025045M006	M2.5 x 0.45	6.0	4.4 - 5.5	1000
50M025045I008	50M025045M008	M2.5 x 0.45	8.0	4.4 - 5.5	1000
50M025045I010	50M025045M010	M2.5 x 0.45	10.0	4.4 - 5.5	1000
50M025045I012	50M025045M012	M2.5 x 0.45	12.0	4.4 - 5.5	1000
50M025045I016	50M025045M016	M2.5 x 0.45	16.0	4.4 - 5.5	1000
50M025045I020	50M025045M020	M2.5 x 0.45	20.0	4.4 - 5.5	1000
50M025045I025	50M025045M025	M2.5 x 0.45	25.0	4.4 - 5.5	1000
50M030050I005	50M030050M005	M3 x 0.5	5.0	5.2 - 6.3	1000
50M030050I006	50M030050M006	M3 x 0.5	6.0	5.2 - 6.3	1000
50M030050I008	50M030050M008	M3 x 0.5	8.0	5.2 - 6.3	1000
50M030050I010	50M030050M010	M3 x 0.5	10.0	5.2 - 6.3	1000
50M030050I012	50M030050M012	M3 x 0.5	12.0	5.2 - 6.3	1000
50M030050I016	50M030050M016	M3 x 0.5	16.0	5.2 - 6.3	1000
50M030050I020	50M030050M020	M3 x 0.5	20.0	5.2 - 6.3	1000
50M030050I025	50M030050M025	M3 x 0.5	25.0	5.2 - 6.3	1000
50M035060I005	50M035060M005	M3.5 x 0.6	5.0	6.9 - 8.2	1000
50M035060I006	50M035060M006	M3.5 x 0.6	6.0	6.9 - 8.2	1000
50M035060I008	50M035060M008	M3.5 x 0.6	8.0	6.9 - 8.2	1000
50M035060I010	50M035060M010	M3.5 x 0.6	10.0	6.9 - 8.2	1000
50M035060I012	50M035060M012	M3.5 x 0.6	12.0	6.9 - 8.2	500
50M035060I016	50M035060M016	M3.5 x 0.6	16.0	6.9 - 8.2	1000
50M035060I020	50M035060M020	M3.5 x 0.6	20.0	6.9 - 8.2	1000
50M035060I025	50M035060M025	M3.5 x 0.6	25.0	6.9 - 8.2	1000
50M035060I035	50M035060M035	M3.5 x 0.6	35.0	6.9 - 8.2	1000
50M040070I006	50M040070M006	M4 x 0.7	6.0	8.0 - 9.4	1000
50M040070I008	50M040070M008	M4 x 0.7	8.0	8.0 - 9.4	1000
50M040070I010	50M040070M010	M4 x 0.7	10.0	8.0 - 9.4	1000
50M040070I012	50M040070M012	M4 x 0.7	12.0	8.0 - 9.4	1000
50M040070I016	50M040070M016	M4 x 0.7	16.0	8.0 - 9.4	1000
50M040070I020	50M040070M020	M4 x 0.7	20.0	8.0 - 9.4	1000
50M040070I025	50M040070M025	M4 x 0.7	25.0	8.0 - 9.4	1000
50M050080I006	50M050080M006	M5 x 0.8	6.0	8.9 - 10.4	1000
50M050080I008	50M050080M008	M5 x 0.8	8.0	8.9 - 10.4	1000
50M050080I010	50M050080M010	M5 x 0.8	10.0	8.9 - 10.4	1000
50M050080I012	50M050080M012	M5 x 0.8	12.0	8.9 - 10.4	1000
50M050080I016	50M050080M016	M5 x 0.8	16.0	8.9 - 10.4	1000
50M050080I020	50M050080M020	M5 x 0.8	20.0	8.9 - 10.4	1000
50M050080I025	50M050080M025	M5 x 0.8	25.0	8.9 - 10.4	500
50M050080I030	50M050080M030	M5 x 0.8	30.0	8.9 - 10.4	500
50M050080I040	50M050080M040	M5 x 0.8	40.0	8.9 - 10.4	500
50M060100I008	50M060100M008	M6 x 1.0	8.0	10.9 - 12.6	1000
50M060100I010	50M060100M010	M6 x 1.0	10.0	10.9 - 12.6	500
50M060100I012*	50M060100M012	M6 x 1.0	12.0	10.9 - 12.6	500
50M060100I016	50M060100M016	M6 x 1.0	16.0	10.9 - 12.6	500
50M060100I020	50M060100M020	M6 x 1.0	20.0	10.9 - 12.6	500
50M060100I025	50M060100M025	M6 x 1.0	25.0	10.9 - 12.6	500
50M060100I035	50M060100M035	M6 x 1.0	35.0	10.9 - 12.6	500
50M060100I045	50M060100M045	M6 x 1.0	45.0	10.9 - 12.6	500
50M080125I010	50M080125M010	M8 x 1.25	10.0	15.4 - 17.3	500
50M080125I016	50M080125M016	M8 x 1.25	16.0	15.4 - 17.3	500
50M080125I020	50M080125M020	M8 x 1.25	20.0	15.4 - 17.3	500
50M080125I025	50M080125M025	M8 x 1.25	25.0	15.4 - 17.3	500
50M080125I030	50M080125M030	M8 x 1.25	30.0	15.4 - 17.3	500
50M080125I050	50M080125M050	M8 x 1.25	50.0	15.4 - 17.3	500
50M100150I020	50M100150M020	M10 x 1.5	20.0	17.8 - 20.0	500
50M100150I025	50M100150M025	M10 x 1.5	25.0	17.8 - 20.0	500
50M100150I035	50M100150M035	M10 x 1.5	35.0	17.8 - 20.0	500



\*Packed in 1000

# SCREWS AND NUTS

## Slotted and Phillips Pan Head Screws

SR 2300

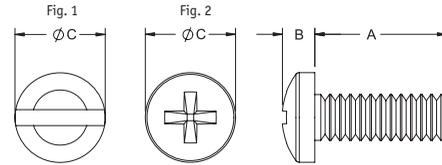
NSS/NSP

Natural PA 6/6 RMS-179



NSS

NSP



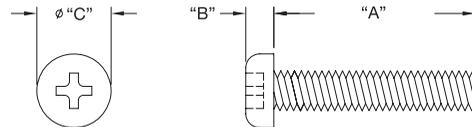
Slotted, Pan (Fig. 1)			Phillips, Pan (Fig. 2)			"A"	Standard Pack Quantity
Thread: #4-40	Thread: #6-32	Thread: #8-32	Thread: #4-40	Thread: #6-32	Thread: #8-32		
"B" = 1.8	"B" = 2	"B" = 2	"B" = 2	"B" = 2.3	"B" = 2.8		
"C" = 5.3	"C" = 6.9	"C" = 8.1	"C" = 5.3	"C" = 6.6	"C" = 8.1		
NSS-4-2-01	NSS-6-2-01	NSS-8-2-01	NSP-4-2-01	NSP-6-2-01	NSP-8-2-01	3.2	1000
NSS-4-3-01	NSS-6-3-01	NSS-8-3-01	NSP-4-3-01	NSP-6-3-01	NSP-8-3-01	4.8	1000
-	NSS-6-4-01	NSS-8-4-01	NSP-4-4-01	NSP-6-4-01	NSP-8-4-01	6.4	1000
-	-	NSS-8-5-01	NSP-4-5-01	NSP-6-5-01	NSP-8-5-01	7.9	1000
NSS-4-6-01	NSS-6-6-01	NSS-8-6-01	-	-	NSP-8-6-01	9.5	1000
NSS-4-7-01	-	NSS-8-7-01	NSP-4-7-01	NSP-6-7-01	NSP-8-7-01	11.1	1000
-	NSS-6-8-01	NSS-8-8-01	-	NSP-6-8-01	NSP-8-8-01	12.7	1000

## Nylon Metric Screw

SR 2301

NMS

Natural UL94 V2 PA 6/6 RMS-01



Part Number	Dimensions (mm)				Standard Pack Quantity
	"A"	"B"	Thread	"C"	
NMS-306	6.4	2.5	M3	5.7	1000
NMS-308	8	2.5	M3	5.7	1000
NMS-310	10	2.5	M3	5.7	1000
NMS-312	12.1	2.5	M3	5.7	1000
NMS-408	8	2.8	M4	7.4	1000

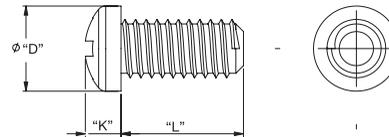
## Cross Recessed Oval Head Screw

SR 2302

NSE-34812

Natural PA 6/6 RMS-179

To DIN EN 34812



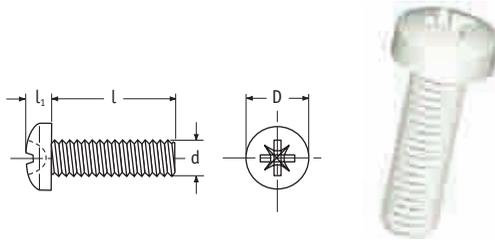
Thread: M3	Thread: M4	Thread: M5	Thread: M6	"L"	Standard Pack Quantity
"D" = 6 "K" = 2.4	"D" = 8 "K" = 3.1	"D" = 9.5 "K" = 3.7	"D" = 12 "K" = 4.6		
NSE-34812-M3-4	-	-	-	4	1000
0081200000VR	-	-	-	5	1000
NSE-34812-M3-6	NSE-34812-M4-6	-	-	6	1000
NSE-34812-M3-8	NSE-34812-M4-8	NSE-34812-M5-8	NSE-34812-M6-8	8	1000
NSE-34812-M3-10	NSE-34812-M4-10	NSE-34812-M5-10	NSE-34812-M6-10	10	1000
-	NSE-34812-M4-12	-	NSE-34812-M6-12	12	1000
-	NSE-34812-M4-16	NSE-34812-M5-16	NSE-34812-M6-16	16	1000
NSE-34812-M3-20	NSE-34812-M4-20	-	NSE-34812-M6-20	20	1000
NSE-34812-M3-25	-	NSE-34812-M5-25	NSE-34812-M6-25	25	1000
-	NSE-34812-M4-30	-	NSE-34812-M6-30	30	1000
-	NSE-34812-M4-40	NSE-34812-M5-40	NSE-34812-M6-40	40	1000

### Crossed Pan Head Screws

SR 1972

Natural PA 6.6

- Refer to standard N FE 25-121 for guidance purposes only



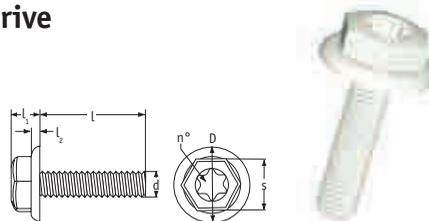
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	D	l1	
50M020040P004	M2 x 0.4	4.0	3.8	1.3	1000
50M020040P005	M2 x 0.4	5.0	3.8	1.3	1000
50M020040P006	M2 x 0.4	6.0	3.8	1.3	1000
50M020040P008	M2 x 0.4	8.0	3.8	1.3	1000
50M020040P010	M2 x 0.4	10.0	3.8	1.3	1000
50M020040P012	M2 x 0.4	12.0	3.8	1.3	1000
50M020040P016	M2 x 0.4	16.0	3.8	1.3	1000
50M020040P020	M2 x 0.4	20.0	3.8	1.3	1000
50M020040P025	M2 x 0.4	25.0	3.8	1.3	1000
50M025045P004	M2.5 x 0.45	4.0	4.5	2.0	1000
50M025045P005	M2.5 x 0.45	5.0	4.5	2.0	1000
50M025045P006	M2.5 x 0.45	6.0	4.5	2.0	1000
50M025045P008	M2.5 x 0.45	8.0	4.5	2.0	1000
50M025045P010	M2.5 x 0.45	10.0	4.5	1.6	1000
50M025045P012	M2.5 x 0.45	12.0	4.5	1.6	1000
50M025045P016	M2.5 x 0.45	16.0	4.5	1.6	1000
50M025045P020	M2.5 x 0.45	20.0	4.5	1.6	1000
50M025045P025	M2.5 x 0.45	25.0	4.5	1.6	1000
0080060000VR	M3 x 0.5	4.0	5.4	2.4	1000
0081200000VR	M3 x 0.5	5.0	5.4	2.4	1000
0080070000VR	M3 x 0.5	6.0	5.4	2.4	1000
0080080000VR	M3 x 0.5	8.0	5.4	2.4	1000
0080090000VR	M3 x 0.5	10.0	5.4	2.4	1000
0080100000VR	M3 x 0.5	12.0	5.4	2.4	1000

Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	D	l1	
0080120000VR	M3 x 0.5	16.0	5.4	2.4	1000
0080130000VR	M3 x 0.5	20.0	5.4	2.4	1000
0080140000VR	M3 x 0.5	25.0	5.4	2.4	1000
0080150000VR	M3 x 0.5	30.0	5.4	2.4	1000
0080160000VR	M4 x 0.7	6.0	8.0	3.1	1000
0080170000VR	M4 x 0.7	8.0	8.0	3.1	1000
0080180000VR	M4 x 0.7	10.0	8.0	3.1	1000
0080190000VR	M4 x 0.7	12.0	8.0	3.1	1000
0080210000VR	M4 x 0.7	16.0	8.0	3.1	1000
0080220000VR	M4 x 0.7	20.0	8.0	3.1	1000
0080230000VR	M4 x 0.7	25.0	8.0	3.1	1000
0080240000VR	M4 x 0.7	30.0	8.0	3.1	1000
0080250000VR	M4 x 0.7	40.0	8.0	3.1	1000
0080260000VR	M5 x 0.8	6.0	9.5	3.7	1000
0080270000VR	M5 x 0.8	8.0	9.1	3.7	1000
0080280000VR	M5 x 0.8	10.0	9.1	3.7	1000
0080290000VR	M5 x 0.8	12.0	9.1	3.7	1000
0080310000VR	M5 x 0.8	16.0	9.1	3.7	1000
0080330000VR	M5 x 0.8	20.0	9.1	3.7	1000
0080340000VR	M5 x 0.8	25.0	9.1	3.7	1000
0080350000VR	M5 x 0.8	30.0	9.1	3.7	1000
0080360000VR	M5 x 0.8	40.0	9.1	3.7	1000
0080370000VR	M5 x 0.8	50.0	9.1	3.7	1000
0080400000VR	M6 x 1.0	6.0	11.5	4.6	1000
0080390000VR	M6 x 1.0	6.5	11.5	4.6	1000
0080410000VR	M6 x 1.0	8.0	11.5	4.6	1000
0080420000VR	M6 x 1.0	10.0	11.5	4.6	1000
0080430000VR	M6 x 1.0	12.0	11.5	4.6	1000
0080450000VR	M6 x 1.0	16.0	11.5	4.6	1000
0080460000VR	M6 x 1.0	20.0	11.5	4.6	1000
0080480000VR	M6 x 1.0	25.0	11.5	4.6	1000
0080500000VR	M6 x 1.0	30.0	11.5	4.6	1000
0080520000VR	M6 x 1.0	40.0	11.5	4.6	1000
0080530000VR	M6 x 1.0	50.0	11.0	4.6	500
0080550000VR	M6 x 1.0	60.0	11.0	4.6	500
0080650000VR	M8 x 1.25	10.0	16.0	6.0	1000
0080680000VR	M8 x 1.25	16.0	16.0	6.0	1000
0080690000VR	M8 x 1.25	20.0	16.0	6.0	1000
0080700000VR	M8 x 1.25	25.0	16.0	6.0	1000
0080710000VR	M8 x 1.25	30.0	16.0	6.0	1000
0080720000VR	M8 x 1.25	35.0	16.0	6.0	1000
0080730000VR	M8 x 1.25	40.0	16.0	6.0	1000
0080740000VR	M8 x 1.25	50.0	16.0	6.0	500
0081850000VR	M10 x 1.5	16.0	20.0	7.5	500
0080860000VR	M10 x 1.5	20.0	20.0	7.5	500
0080880000VR	M10 x 1.5	30.0	20.0	7.5	1000
0081270000VR	M10 x 1.5	40.0	20.0	7.5	500

### Flanged Hexagonal Screws with Internal Star Drive

SR 1975

Natural PA 6.6



Part Number	Dimensions (mm)						No.	Standard Pack Quantity
	d	l	l1	l2	D	s		
0070160000VR	M4 x 0.7	6.0	5.8	2.0	11.5	8.0	20	1000
0070170000VR	M4 x 0.7	8.0	5.8	2.0	11.5	8.0	20	1000
0070180000VR	M4 x 0.7	10.0	5.8	2.0	11.5	8.0	20	1000
0070190000VR	M4 x 0.7	12.0	5.8	2.0	11.5	8.0	20	1000
0070210000VR	M4 x 0.7	16.0	5.8	2.0	11.5	8.0	20	1000
0071820000VR	M4 x 0.7	18.0	5.8	2.0	11.5	8.0	20	1000
0070220000VR	M4 x 0.7	20.0	5.8	2.0	11.5	8.0	20	1000
0070260000VR	M5 x 0.8	6.0	5.8	2.0	11.5	8.0	20	1000

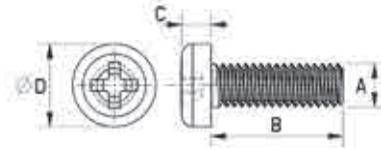
Part Number	Dimensions (mm)						No.	Standard Pack Quantity
	d	l	l1	l2	D	s		
0070280000VR	M5 x 0.8	10.0	5.8	2.0	11.5	8.0	20	1000
0070290000VR	M5 x 0.8	12.0	5.8	2.0	11.5	8.0	20	1000
0070310000VR	M5 x 0.8	16.0	5.8	2.0	11.5	8.0	20	1000
0070330000VR	M5 x 0.8	20.0	5.8	2.0	11.5	8.0	20	1000
0070410000VR	M6 x 1.0	8.0	6.6	2.4	14.0	10.0	30	1000
0070420000VR	M6 x 1.0	10.0	6.6	2.4	14.0	10.0	30	1000
0070430000VR	M6 x 1.0	12.0	6.6	2.4	14.0	10.0	30	1000
0070450000VR	M6 x 1.0	16.0	6.6	2.4	14.0	10.0	30	1000
0070460000VR	M6 x 1.0	20.0	6.6	2.4	14.0	10.0	30	1000
0070480000VR	M6 x 1.0	25.0	6.6	2.4	14.0	10.0	30	1000
0070500000VR	M6 x 1.0	30.0	6.6	2.4	14.0	10.0	30	1000
0070680000VR	M8 x 1.25	16.0	8.1	2.7	18.0	13.0	40	1000
0070690000VR	M8 x 1.25	20.0	8.1	2.7	18.0	13.0	40	500
0070700000VR	M8 x 1.25	25.0	8.1	2.7	18.0	13.0	40	1000
0070710000VR	M8 x 1.25	30.0	8.1	2.7	18.0	13.0	40	1000
0071270000VR	M10 x 1.5	40.0	10.4	3.5	22.0	16.0	50	250
0070890000VR	M10 x 1.5	50.0	10.4	3.5	22.0	16.0	50	250
0070900000VR	M10 x 1.5	60.0	10.4	3.5	22.0	16.0	50	1000
0070910000VR	M10 x 1.5	70.0	10.4	3.5	22.0	16.0	50	250

# SCREWS AND NUTS

## PEEK® Pan Head Screw

### SR 1931

- Made from PEEK®
- Colour: Light brown
- Continuous use temperature 180 °C
- Resistant to most chemicals
- Flame resistance: UL94 V-0



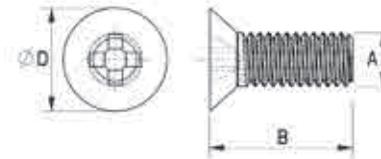
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
180020670409	M2.6	6.0	1.7	4.5	25
180020870409	M2.6	8.0	1.7	4.5	25
180021070409	M2.6	10.0	1.7	4.5	25
180021270409	M2.6	12.0	1.7	4.5	25
180030670409	M3	6.0	2.0	5.5	25
180030870409	M3	8.0	2.0	5.5	25
180031070409	M3	10.0	2.0	5.5	25
180031270409	M3	12.0	2.0	5.5	25
180031670409	M3	16.0	2.0	5.5	25
180032070409	M3	20.0	2.0	5.5	25
180032570409	M3	25.0	2.0	5.5	25
180040670409	M4	6.0	2.6	7.0	25
180040870409	M4	8.0	2.6	7.0	25
180041070409	M4	10.0	2.6	7.0	25
180041270409	M4	12.0	2.6	7.0	25

Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
180041670409	M4	16.0	2.6	7.0	25
180042070409	M4	20.0	2.6	7.0	25
180042570409	M4	25.0	2.6	7.0	25
180050870409	M5	8.0	3.3	9.0	10
180051070409	M5	10.0	3.3	9.0	10
180051270409	M5	12.0	3.3	9.0	10
180051670409	M5	16.0	3.3	9.0	10
180052070409	M5	20.0	3.3	9.0	10
180052570409	M5	25.0	3.3	9.0	10
180061070409	M6	10.0	3.9	10.5	10
180061270409	M6	12.0	3.9	10.5	10
180061670409	M6	16.0	3.9	10.5	10
180062070409	M6	20.0	3.9	10.5	10
180062570409	M6	25.0	3.9	10.5	10
180063070409	M6	30.0	3.9	10.5	10

## PEEK® Countersunk Screw

### SR 2011

- Made from PEEK®
- Colour: Light brown
- Continuous use temperature 180 °C
- Resistant to most chemicals
- Flame resistance: UL94 V-0



Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	D	
181030670409	M3	6	6	25
181030870409	M3	8	6	25
181031070409	M3	10	6	25
181031270409	M3	12	6	25
181031670409	M3	16	6	25
181032070409	M3	20	6	25
181032570409	M3	25	6	25
181040670409	M4	6	8	25
181040870409	M4	8	8	25
181041070409	M4	10	8	25
181041270409	M4	12	8	25
181041670409	M4	16	8	25

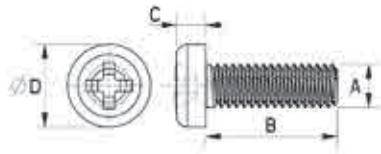
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	D	
181042070409	M4	20	8	25
181042570409	M4	25	8	25
181050870409	M5	8	10	10
181051070409	M5	10	10	10
181051270409	M5	12	10	10
181051570409	M5	15	10	10
181052070409	M5	20	10	10
181052570409	M5	25	10	10
181061070409	M6	10	12	10
181061570409	M6	15	12	10
181062070409	M6	20	12	10
181063070409	M6	30	12	10

## Transparent Screws – Crossed Pan Head

SR 1922

Polycarbonate

- High transparency fastener
- Cross Head



Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
170023000022	M2	3.0	1.3	3.5	100
170020400022	M2	4.0	1.3	3.5	100
170025000022	M2	5.0	1.3	3.5	100
170020700022	M2	6.5	1.3	3.5	100
170020800022	M2	8.0	1.3	3.5	100
170021000022	M2	10.0	1.3	3.5	100
170021200022	M2	12.0	1.3	3.5	100
170260300022	M2.6	3.0	1.7	4.5	100
170260400022	M2.6	4.0	1.7	4.5	100
170020600022	M2.6	6.0	2.8	5.7	100
170260800022	M2.6	8.0	1.7	4.5	100
170261000022	M2.6	10.0	1.7	4.5	100
170261200022	M2.6	12.0	1.7	4.5	100
170261500022	M2.6	15.0	1.7	4.5	100
170030400022	M3	4.0	2.0	5.5	100
170035000022	M3	5.0	2.0	5.5	100
170030600022	M3	6.4	2.5	5.7	100
170030800022	M3	8.0	2.5	5.7	100
170031000022	M3	10.0	2.5	5.7	100
170031200022	M3	12.1	2.5	5.7	100
170031500022	M3	15.1	2.5	5.7	100
170031600022	M3	16.0	2.0	5.5	100
170031800022	M3	18.0	2.0	5.5	100
170032000022	M3	20.0	2.0	5.5	100
170032500022	M3	25.0	2.0	5.5	100
170033000022	M3	30.0	2.0	5.5	100
170040500022	M4	5.0	2.6	7.0	100
170040600022	M4	6.3	2.7	7.4	100
170040800022	M4	8.0	2.7	7.4	100
170041000022	M4	10.2	2.7	7.4	100
170041200022	M4	12.2	2.7	7.4	100
170041400022	M4	14.2	2.7	7.4	100
170041500022	M4	15.0	2.6	7.0	100
170041600022	M4	16.2	2.7	7.4	100
170041800022	M4	18.0	2.6	7.0	100
170042000022	M4	20.0	2.7	7.4	100
170042500022	M4	25.0	2.6	7.0	100
170043000022	M4	30.0	2.6	7.0	100
170050600022	M5	6.0	3.3	9.0	100
170050800022	M5	8.0	3.3	9.0	100

Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
170051000022	M5	10.1	3.6	9.1	100
170051200022	M5	12.1	3.5	9.1	100
170051500022	M5	15.0	3.3	9.0	100
170051600022	M5	16.1	3.5	9.1	100
170051800022	M5	18.0	3.3	9.0	100
170052000022	M5	20.2	3.6	9.1	100
170052500022	M5	25.0	3.3	9.0	100
170053000022	M5	30.0	3.3	9.0	100
170053500022	M5	35.0	3.3	9.0	100
170061000022	M6	10.0	3.9	10.5	100
170061200022	M6	12.0	3.9	10.5	100
170061500022	M6	15.0	3.9	10.5	100
170062000022	M6	20.0	3.9	10.5	100
170062500022	M6	25.0	3.9	10.5	100
170063000022	M6	30.0	3.9	10.5	100
170063500022	M6	35.0	3.9	10.5	100
170064000022	M6	40.0	3.9	10.5	100
170081200022	M8	12.0	5.2	14.0	100
170081500022	M8	15.0	5.2	14.0	100
170082000022	M8	20.0	5.2	14.0	100
170082500022	M8	25.0	5.2	14.0	100
170083000022	M8	30.0	5.2	14.0	100
170084000022	M8	40.0	5.2	14.0	100

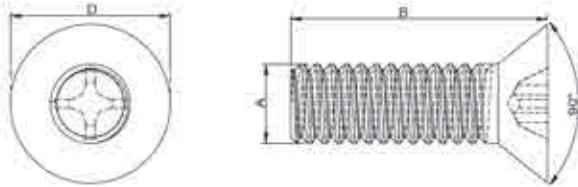
# SCREWS AND NUTS

## Countersunk Screws

K-0058

Natural and Black Reny

- Continuous use temperature 105°C
- Flammability UL94 HB
- High strength and elasticity coefficient
- Excellent oil resistance
- Available in natural and black

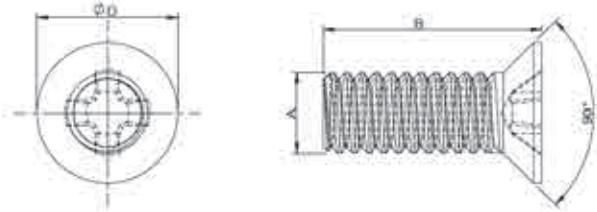


## Countersunk Screws

K-0060

Beige PPS

- Continuous use temperature: 200°C
- Flammability: UL94 V0
- Excellent resistance to chemicals



Part Number		Dimensions (mm)			Standard Pack Quantity
Natural	Black	A	B	D	
1440011	1440044	M2	6.0	4.0	100
1440012	1440045	M2	8.0	4.0	100
1440013	1440046	M2	10.0	4.0	100
1440014	1440047	M2.6	4.0	5.2	100
1440015	1440048	M2.6	6.0	5.2	100
1440016	1440049	M2.6	8.0	5.2	100
1440017	1440050	M2.6	10.0	5.2	100
1440018	1440051	M3	5.0	6.0	100
1440019	1440052	M3	6.0	6.0	100
1440020	1440053	M3	8.0	6.0	100
1440021	1440054	M3	10.0	6.0	100
1440022	1440055	M3	12.0	6.0	100
1440023	1440056	M3	15.0	6.0	100
1440024	1440057	M3	20.0	6.0	100
1440025	1440058	M3	25.0	6.0	100
1440026	1440059	M4	6.0	8.0	100
1440027	1440060	M4	8.0	8.0	100
1440028	1440061	M4	10.0	8.0	100
1440029	1440062	M4	12.0	8.0	100
1440030	1440063	M4	15.0	8.0	100
1440031	1440064	M4	20.0	8.0	100
1440032	1440065	M4	25.0	8.0	50
1440033	1440066	M5	10.0	10.0	100
1440034	1440067	M5	12.0	10.0	100
1440035	1440068	M5	15.0	10.0	50
1440036	1440069	M5	20.0	10.0	50
1440037	1440070	M5	25.0	10.0	50
1440038	1440071	M6	10.0	12.0	50
1440039	1440072	M6	12.0	12.0	50
1440040	1440073	M6	15.0	12.0	50
1440041	1440074	M6	20.0	12.0	25
1440042	1440075	M6	25.0	12.0	25
1440043	1440076	M6	30.0	12.0	25

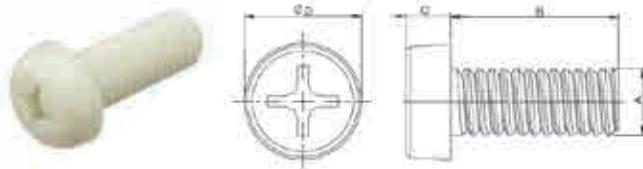
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	D	
1440077	M3	6.0	6.0	25
1440078	M3	8.0	6.0	25
1440079	M3	10.0	6.0	25
1440080	M3	12.0	6.0	25
1440081	M3	15.0	6.0	25
1440082	M3	20.0	6.0	25
1440083	M3	25.0	6.0	25
1440084	M4	8.0	8.0	25
1440085	M4	10.0	8.0	25
1440086	M4	12.0	8.0	25
1440087	M4	15.0	8.0	25
1440088	M4	20.0	8.0	25
1440089	M4	25.0	8.0	25
1440090	M5	10.0	10.0	25
1440091	M5	12.0	10.0	25
1440092	M5	15.0	10.0	25
1440093	M5	20.0	10.0	25
1440094	M5	25.0	10.0	25
1440095	M6	10.0	12.0	25
1440096	M6	12.0	12.0	25
1440097	M6	15.0	12.0	25
1440098	M6	20.0	12.0	25
1440099	M6	25.0	12.0	25
1440100	M6	30.0	12.0	25

### Pan Head Screws

K-0059

Natural Reny

- Continuous use temperature 105°C
- Flammability UL94 HB
- High strength and elasticity coefficient
- Excellent oil resistance



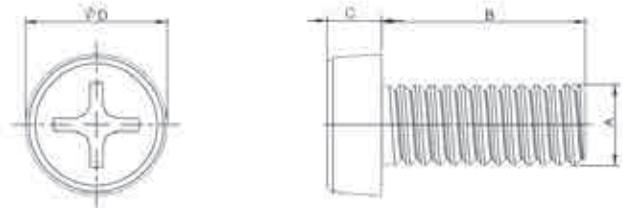
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
1440139	M2	3.0	1.3	3.5	100
1440140	M2	4.0	1.3	3.5	100
1440141	M2	5.0	1.3	3.5	100
1440142	M2	6.0	1.3	3.5	100
1440143	M2	8.0	1.3	3.5	100
1440144	M2	10.0	1.3	3.5	100
1440145	M2	12.0	1.3	3.5	100
1440146	M2.6	4.0	1.7	4.5	100
1440147	M2.6	5.0	1.7	4.5	100
1440148	M2.6	6.0	1.7	4.5	100
1440149	M2.6	8.0	1.7	4.5	100
1440150	M2.6	10.0	1.7	4.5	100
1440151	M2.6	12.0	1.7	4.5	100
1440152	M3	4.0	2	5.5	100
1440153	M3	5.0	2.0	5.5	100
1440154	M3	6.0	2.0	5.5	100
1440155	M3	8.0	2.0	5.5	100
1440156	M3	10.0	2.0	5.5	100
1440157	M3	12.0	2.0	5.5	100
1440158	M3	15.0	2.0	5.5	100
1440159	M3	20.0	2.0	5.5	100
1440160	M3	25.0	2.0	5.5	100
1440161	M3	30.0	2.0	5.5	100
1440162	M4	5.0	2.6	7.0	100
1440163	M4	6.0	2.6	7.0	100
1440164	M4	8.0	2.6	7.0	100
1440165	M4	10.0	2.6	7.0	100
1440166	M4	12.0	2.6	7.0	100
1440167	M4	15.0	2.6	7.0	100
1440168	M4	20.0	2.6	7.0	100
1440169	M4	25.0	2.6	7.0	50
1440170	M4	30.0	2.6	7.0	50
1440171	M5	8.0	3.3	9.0	100
1440172	M5	10.0	3.3	9.0	100
1440173	M5	12.0	3.3	9.0	100
1440174	M5	15.0	3.3	9.0	50
1440175	M5	20.0	3.3	9.0	50
1440176	M5	25.0	3.3	9.0	50
1440177	M5	30.0	3.3	9.0	25
1440178	M5	35.0	3.3	9.0	25
1440179	M6	10.0	3.9	10.5	50
1440180	M6	12.0	3.9	10.5	50
1440181	M6	15.0	3.9	10.5	50
1440182	M6	20.0	3.9	10.5	25
1440183	M6	25.0	3.9	10.5	25
1440184	M6	30.0	3.9	10.5	25
1440185	M6	35.0	3.9	10.5	25

### Pan Head Screws

K-0061

Beige PPS

- Continuous use temperature: 200°C
- Flammability: UL94 V0
- Excellent resistance to chemicals



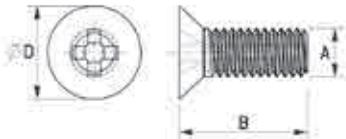
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
1440101	M2	4.0	1.3	3.5	25
1440102	M2	6.0	1.3	3.5	25
1440103	M2	8.0	1.3	3.5	25
1440104	M2	10.0	1.3	3.5	25
1440105	M2	12.0	1.3	3.5	25
1440106	M2.6	6.0	1.7	4.5	25
1440107	M2.6	8.0	1.7	4.5	25
1440108	M2.6	10.0	1.7	4.5	25
1440109	M2.6	12.0	1.7	4.5	25
1440110	M3	6.0	2.0	5.5	25
1440111	M3	8.0	2.0	5.5	25
1440112	M3	10.0	2.0	5.5	25
1440113	M3	12.0	2.0	5.5	25
1440114	M3	15.0	2.0	5.5	25
1440115	M3	20.0	2.0	5.5	25
1440116	M3	25.0	2.0	5.5	25
1440117	M3	30.0	2.0	5.5	25
1440118	M4	6.0	2.6	7.0	25
1440119	M4	8.0	2.6	7.0	25
1440120	M4	10.0	2.6	7.0	25
1440121	M4	12.0	2.6	7.0	25
1440122	M4	15.0	2.6	7.0	25
1440123	M4	20.0	2.6	7.0	25
1440124	M4	25.0	2.6	7.0	25
1440125	M4	30.0	2.6	7.0	25
1440126	M5	8.0	3.3	9.0	25
1440127	M5	10.0	3.3	9.0	25
1440128	M5	12.0	3.3	9.0	25
1440129	M5	15.0	3.3	9.0	25
1440130	M5	20.0	3.3	9.0	25
1440131	M5	25.0	3.3	9.0	25
1440132	M5	30.0	3.3	9.0	25
1440133	M6	10.0	3.9	10.5	25
1440134	M6	12.0	3.9	10.5	25
1440135	M6	15.0	3.9	10.5	25
1440136	M6	20.0	3.9	10.5	25
1440137	M6	25.0	3.9	10.5	25
1440138	M6	30.0	3.9	10.5	25

## Transparent Screw – Crossed Head Countersunk

SR 1923

Polycarbonate

- Cross Head
- High transparency fastener

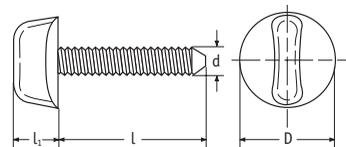


Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	D	
170200400022	M2	4.0	4.0	100
170020300022	M2	4.5	3.8	100
170200500022	M2	5.0	4.0	100
170200600022	M2	6.0	4.0	100
170200800022	M2	8.0	4.0	100
170042600022	M2.6	4.0	5.2	100
170062600022	M2.6	6.0	5.2	100
170082600022	M2.6	8.0	5.2	100
170102600022	M2.6	10.0	5.2	100
170122600022	M2.6	12.0	5.2	100
170300400022	M3	4.0	6.0	100
170030500022	M3	5.9	5.4	100
170030700022	M3	7.9	5.8	100
170030900022	M3	10.2	5.2	100
170031100022	M3	12.2	5.1	100
170031300022	M3	14.2	5.6	100
170301500022	M3	15.0	6.0	100
170301800022	M3	18.0	6.0	100
170302000022	M3	20.0	6.0	100
170302500022	M3	25.0	6.0	100
170400400022	M4	6.2	7.4	100
170400800022	M4	8.0	8.0	100
170400600022	M4	8.2	7.4	100
170401200022	M4	12.0	8.0	100
170401000022	M4	9.8	7.4	100
170401500022	M4	15.0	8.0	100
170401400022	M4	16.2	7.4	100
170401800022	M4	18.0	8.0	100
170402000022	M4	20.0	8.0	100
170402500022	M4	25.0	8.0	100
170500800022	M5	10.7	9.1	100
170501000022	M5	12.7	9.1	100
170501200022	M5	14.7	9.1	100
170501500022	M5	15.0	10.0	100
170502000022	M5	20.0	10.0	100
170502500022	M5	25.0	10.0	100
170601000022	M6	10.0	12.0	100
170601200022	M6	12.0	12.0	100
170601500022	M6	15.0	12.0	100
170602000022	M6	20.0	12.0	100
170602500022	M6	25.0	12.0	100
170603000022	M6	30.0	12.0	100
170603500022	M6	35.0	12.0	100
170801000022	M8	10.0	16.0	100
170801500022	M8	15.0	16.0	100
170802000022	M8	20.0	16.0	100
170802500022	M8	25.0	16.0	100
170803000022	M8	30.0	16.0	100

## Wing Screws with Washer

SR 1979

Natural Nylon 6.6



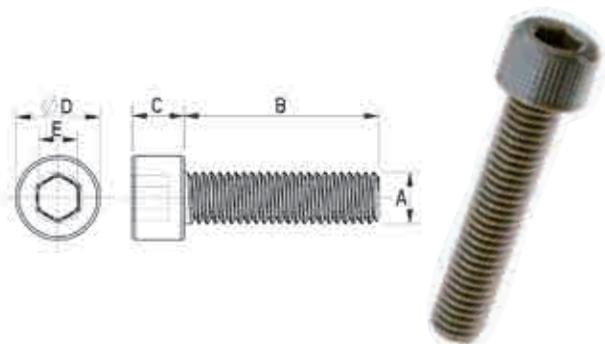
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	D	l <sub>1</sub>	
0270450000VR	M4 x 0.7	6.0	16.0	10.0	1000
0270460000VR	M4 x 0.7	8.0	16.0	10.0	1000
0270470000VR	M4 x 0.7	10.0	16.0	10.0	1000
0270480000VR	M4 x 0.7	12.0	16.0	10.0	1000
0270490000VR	M4 x 0.7	15.0	16.0	10.0	1000
0270520000VR	M4 x 0.7	20.0	16.0	10.0	1000
0270540000VR	M4 x 0.7	25.0	16.0	10.0	1000
0270550000VR	M4 x 0.7	30.0	16.0	10.0	1000
0270560000VR	M4 x 0.7	40.0	16.0	10.0	1000
0270570000VR	M5 x 0.8	6.0	16.0	10.0	1000
0270580000VR	M5 x 0.8	8.0	16.0	10.0	1000
0270210000VR	M5 x 0.8	10.0	16.0	10.0	1000
0270590000VR	M5 x 0.8	15.0	16.0	10.0	1000
0270230000VR	M5 x 0.8	20.0	16.0	10.0	1000
0270240000VR	M5 x 0.8	25.0	16.0	10.0	1000
0270250000VR	M5 x 0.8	30.0	16.0	10.0	1000
0270260000VR	M5 x 0.8	40.0	16.0	10.0	1000
0270610000VR	M6 x 1.0	8.0	25.0	12.0	1000
0270010000VR	M6 x 1.0	10.0	25.0	12.0	1000
0270020000VR	M6 x 1.0	12.0	25.0	12.0	1000
0270620000VR	M6 x 1.0	15.0	25.0	12.0	1000
0270040000VR	M6 x 1.0	20.0	25.0	12.0	1000
0270060000VR	M6 x 1.0	25.0	25.0	12.0	1000
0270070000VR	M6 x 1.0	30.0	25.0	12.0	1000
0270630000VR	M6 x 1.0	40.0	25.0	12.0	1000
0270650000VR	M6 x 1.0	50.0	25.0	12.0	1000
0270660000VR	M6 x 1.0	60.0	25.0	12.0	500
0270680000VR	M6 x 1.0	80.0	25.0	12.0	500
0270200000VR	M8 x 1.25	8.0	25.0	12.0	1000
0270080000VR	M8 x 1.25	10.0	25.0	12.0	1000
0270090000VR	M8 x 1.25	16.0	25.0	12.0	1000
0270100000VR	M8 x 1.25	20.0	25.0	12.0	1000
0270110000VR	M8 x 1.25	25.0	25.0	12.0	1000
0270120000VR	M8 x 1.25	30.0	25.0	12.0	1000
0270130000VR	M8 x 1.25	35.0	25.0	12.0	1000
0270140000VR	M8 x 1.25	40.0	25.0	12.0	1000
0270280000VR	M8 x 1.25	50.0	25.0	12.0	500
0270290000VR	M8 x 1.25	60.0	25.0	12.0	500
0270300000VR	M8 x 1.25	70.0	25.0	12.0	500
0270310000VR	M8 x 1.25	80.0	25.0	12.0	500
0270270000VR	M10 x 1.5	16.0	25.0	12.0	500
0270160000VR	M10 x 1.5	20.0	25.0	12.0	500
0270170000VR	M10 x 1.5	30.0	25.0	12.0	250
0270320000VR	M10 x 1.5	40.0	25.0	12.0	500
0270330000VR	M10 x 1.5	50.0	25.0	12.0	250
0270340000VR	M10 x 1.5	60.0	25.0	12.0	250
0270360000VR	M10 x 1.5	80.0	25.0	12.0	250
0270370000VR	M12 x 1.75	16.0	25.0	12.0	1000
0270380000VR	M12 x 1.75	20.0	25.0	12.0	500
0270390000VR	M12 x 1.75	30.0	25.0	12.0	500
0270400000VR	M12 x 1.75	40.0	25.0	12.0	500
0270410000VR	M12 x 1.75	50.0	25.0	12.0	250
0270440000VR	M12 x 1.75	80.0	25.0	12.0	250

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
183030870409	M3	8.0	3.0	5.5	2.5	25
183031070409	M3	10.0	3.0	5.5	2.5	25
183031270409	M3	12.0	3.0	5.5	2.5	25
183031570409	M3	15.0	3.0	5.5	2.5	25
183032070409	M3	20.0	3.0	5.5	2.5	10
183032570409	M3	25.0	3.0	5.5	2.5	10
183040870409	M4	8.0	4.0	7.0	3.0	10
183041070409	M4	10.0	4.0	7.0	3.0	10
183041270409	M4	12.0	4.0	7.0	3.0	10
183041570409	M4	15.0	4.0	7.0	3.0	10
183042070409	M4	20.0	4.0	7.0	3.0	10
183042570409	M4	25.0	4.0	7.0	3.0	10
183043070409	M4	30.0	4.0	7.0	3.0	10
183050870409	M5	8.0	5.0	8.5	4.0	10
183051070409	M5	10.0	5.0	8.5	4.0	10
183051270409	M5	12.0	5.0	8.5	4.0	10
183051570409	M5	15.0	5.0	8.5	4.0	10
183052070409	M5	20.0	5.0	8.5	4.0	10
183052570409	M5	25.0	5.0	8.5	4.0	10
183053070409	M5	30.0	5.0	8.5	4.0	10
183061070409	M6	10.0	6.0	10.0	5.0	10
183061270409	M6	12.0	6.0	10.0	5.0	10
183061570409	M6	15.0	6.0	10.0	5.0	10
183062070409	M6	20.0	6.0	10.0	5.0	10
183062570409	M6	25.0	6.0	10.0	5.0	10
183063070409	M6	30.0	6.0	10.0	5.0	10
183063570409	M6	35.0	6.0	10.0	5.0	10
183081070409	M8	10.0	8.0	13.0	6.0	1
183081270409	M8	12.0	8.0	13.0	6.0	1
183081570409	M8	15.0	8.0	13.0	6.0	1
183082070409	M8	20.0	8.0	13.0	6.0	1
183082570409	M8	25.0	8.0	13.0	6.0	1
183083070409	M8	30.0	8.0	13.0	6.0	1
183083570409	M8	35.0	8.0	13.0	6.0	1

## PEEK® Socket Head Screw

SR2012

- Made from PEEK®
- Colour: Light Brown
- Continuous temperature use 180°C
- Resistant to most chemicals
- Flame resistance: UL94 V-0

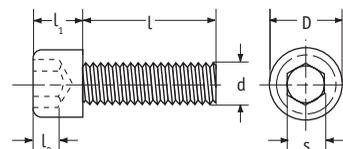


## Socket Head Screws

SR 1974

Natural Nylon 6.6

- Refer to standard NF E 25-125, DIN 912 for guidance purposes only



Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	s	l2	
016050000VR	M6 x 1.0	6.5	10.0	6.0	5.0	3.0	1000
016049000VR	M6 x 1.0	8.0	10.0	6.0	5.0	3.0	1000
016051000VR	M6 x 1.0	10.0	10.0	6.0	5.0	3.0	1000
016052000VR	M6 x 1.0	12.0	10.0	6.0	5.0	3.0	1000
016054000VR	M6 x 1.0	16.0	10.0	6.0	5.0	3.0	1000
016055000VR	M6 x 1.0	20.0	10.0	6.0	5.0	3.0	1000
016058000VR	M6 x 1.0	22.0	10.0	6.0	5.0	3.0	1000
016056000VR	M6 x 1.0	25.0	10.0	6.0	5.0	3.0	1000
016057000VR	M6 x 1.0	30.0	10.0	6.0	5.0	3.0	1000
016059000VR	M6 x 1.0	40.0	10.0	6.0	5.0	3.0	1000
016060000VR	M6 x 1.0	50.0	10.0	6.0	5.0	3.0	500
016061000VR	M6 x 1.0	60.0	10.0	6.0	5.0	3.0	500
016066000VR	M8 x 1.25	10.0	13.0	8.0	6.0	4.0	1000
016068000VR	M8 x 1.25	16.0	13.0	8.0	6.0	4.0	1000
016070000VR	M8 x 1.25	20.0	13.0	8.0	6.0	4.0	1000
016078000VR	M8 x 1.25	25.0	13.0	8.0	6.0	4.0	1000
016071000VR	M8 x 1.25	30.0	13.0	8.0	6.0	4.0	1000
016072000VR	M8 x 1.25	40.0	13.0	8.0	6.0	4.0	1000
016074000VR	M8 x 1.25	50.0	13.0	8.0	6.0	4.0	500
016075000VR	M8 x 1.25	60.0	13.0	8.0	6.0	4.0	500
016076000VR	M8 x 1.25	70.0	13.0	8.0	6.0	4.0	500
016077000VR	M8 x 1.25	80.0	13.0	8.0	6.0	4.0	500

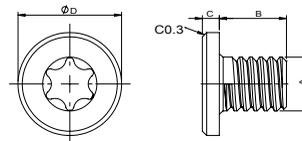
Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	s	l2	
016185000VR	M10 x 1.5	16.0	16.0	10.0	8.0	5.0	500
016086000VR	M10 x 1.5	20.0	16.0	10.0	8.0	5.0	1000
016088000VR	M10 x 1.5	30.0	16.0	10.0	8.0	5.0	500
016087000VR	M10 x 1.5	40.0	16.0	10.0	8.0	5.0	500
016089000VR	M10 x 1.5	50.0	16.0	10.0	8.0	5.0	250
016090000VR	M10 x 1.5	60.0	16.0	10.0	8.0	5.0	250
016091000VR	M10 x 1.5	70.0	16.0	10.0	8.0	5.0	250
016092000VR	M10 x 1.5	80.0	16.0	10.0	8.0	5.0	250
016130000VR	M12 x 1.75	20.0	18.0	12.0	10.0	6.0	250
016101000VR	M12 x 1.75	30.0	18.0	12.0	10.0	6.0	250
016102000VR	M12 x 1.75	40.0	18.0	12.0	10.0	6.0	250
016103000VR	M12 x 1.75	50.0	18.0	12.0	10.0	6.0	250
016104000VR	M12 x 1.75	60.0	18.0	12.0	10.0	6.0	250
016105000VR	M12 x 1.75	70.0	18.0	12.0	10.0	6.0	250
016106000VR	M12 x 1.75	80.0	18.0	12.0	10.0	6.0	250

# SCREWS AND NUTS

## Reny Special Low Head Hexalobular Screw

**Black Reny: 50% Glass filled Polyamide**

- High strength and elasticity coefficient
- Excellent oil resistance
- Continuous use of temperature 105°C



E = Hexalobular Number

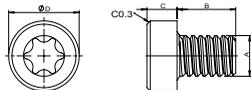
Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440753	M3	6	1.3	6	8	50
1440754	M3	8	1.3	6	8	50
1440755	M3	10	1.3	6	8	50
1440756	M3	12	1.3	6	8	50
1440757	M3	16	1.3	6	8	50
1440758	M3	20	1.3	6	8	50
1440759	M4	6	1.5	8	10	50
1440760	M4	8	1.5	8	10	50
1440761	M4	10	1.5	8	10	50
1440762	M4	12	1.5	8	10	50
1440763	M4	16	1.5	8	10	50
1440764	M4	20	1.5	8	10	25
1440765	M4	25	1.5	8	10	25

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440766	M5	8	1.5	9	15	25
1440768	M5	12	1.5	9	15	25
1440769	M5	16	1.5	9	15	25
1440770	M5	20	1.5	9	15	25
1440771	M5	25	1.5	9	15	25
1440772	M5	30	1.5	9	15	10
1440773	M6	10	1.5	10	20	25
1440774	M6	12	1.5	10	20	25
1440775	M6	16	1.5	10	20	25
1440776	M6	20	1.5	10	20	25
1440777	M6	25	1.5	10	20	25
1440778	M6	30	1.5	10	20	25
1440779	M6	25	1.5	10	20	10

## PEEK Low Head Hexalobular Screw

**PEEK®: Light Brown**

- Continuous use temperature 180°C
- Resistant to most chemicals
- Flame resistance: UL94 V0



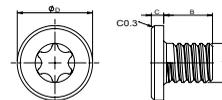
E = Hexalobular Number

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440341	M3	6	2.4	5.5	10	25
1440342	M3	8	2.4	5.5	10	25
1440343	M3	10	2.4	5.5	10	25
1440344	M3	12	2.4	5.5	10	25
1440345	M3	16	2.4	5.5	10	25
1440346	M3	20	2.4	5.5	10	25
1440347	M4	6	3.1	7	20	25
1440348	M4	8	3.1	7	20	25
1440349	M4	10	3.1	7	20	25
1440350	M4	12	3.1	7	20	25
1440351	M4	16	3.1	7	20	25
1440352	M4	20	3.1	7	20	10
1440353	M4	25	3.1	7	20	10
1440354	M5	8	3.65	8.5	25	10
1440355	M5	10	3.65	8.5	25	10
1440356	M5	12	3.65	8.5	25	10
1440357	M5	16	3.65	8.5	25	10
1440358	M5	20	3.65	8.5	25	10
1440359	M5	25	3.65	8.5	25	10
1440360	M5	30	3.65	8.5	25	10
1440361	M6	10	4.4	10	30	10
1440362	M6	12	4.4	10	30	10
1440363	M6	16	4.4	10	30	10
1440364	M6	20	4.4	10	30	10
1440365	M6	25	4.4	10	30	10
1440366	M6	30	4.4	10	30	10
1440367	M6	40	4.4	10	30	10

## PEEK Special Low Head Hexalobular Screw

**PEEK®: Light Brown**

- Continuous use temperature 180°C
- Resistant to most chemicals
- Flame resistance: UL94 V0



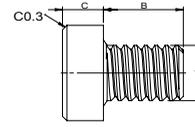
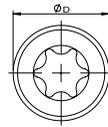
E = Hexalobular Number

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440368	M3	6	1.3	6	8	25
1440369	M3	8	1.3	6	8	25
1440370	M3	10	1.3	6	8	25
1440371	M3	12	1.3	6	8	25
1440372	M3	16	1.3	6	8	25
1440373	M3	20	1.5	6	8	25
1440374	M4	6	1.5	8	10	25
1440375	M4	8	1.5	8	10	25
1440376	M4	10	1.5	8	10	25
1440377	M4	12	1.5	8	10	25
1440778	M4	16	1.5	8	10	25
1440779	M4	20	1.5	8	10	25
1440780	M4	25	1.5	8	10	10
1440781	M5	8	1.5	9	15	10
1440782	M5	10	1.5	9	15	10
1440783	M5	12	1.5	9	15	10
1440784	M5	16	1.5	9	15	10
1440785	M5	20	1.5	9	15	10
1440786	M5	25	1.5	9	15	10
1440787	M5	30	1.5	9	15	10
1440788	M6	10	1.5	10	20	10
1440789	M6	12	1.5	10	20	10
1440790	M6	16	1.5	10	20	10
1440791	M6	20	1.5	10	20	10
1440792	M6	25	1.5	10	20	10
1440793	M6	30	1.5	10	20	10
1440794	M6	35	1.5	10	20	10
1440795	M6	40	1.5	10	20	10

### PPS Low Head Hexalobular Screw

Light Brown

- Excellent Temperature resistance, continuous use up to 200 °C
- Excellent resistance to chemicals
- Flame resistance: UL94 V0



E = Hexalobular Number

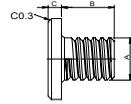
Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440233	M3	6	2.4	5.5	10	25
1440234	M3	8	2.4	5.5	10	25
1440235	M3	10	2.4	5.5	10	25
1440236	M3	12	2.4	5.5	10	25
1440237	M3	16	2.4	5.5	10	25
1440238	M3	20	2.4	5.5	10	25
1440239	M4	6	3.1	7.0	20	25
1440240	M4	8	3.1	7.0	20	25
1440241	M4	10	3.1	7.0	20	25
1440242	M4	12	3.1	7.0	20	25
1440243	M4	16	3.1	7.0	20	25
1440244	M4	20	3.1	7.0	20	25
1440245	M4	25	3.1	7.0	20	25

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440246	M5	8	3.65	8.5	25	25
1440247	M5	10	3.65	8.5	25	25
1440248	M5	12	3.65	8.5	25	25
1440249	M5	16	3.65	8.5	25	25
1440250	M5	20	3.65	8.5	25	10
1440251	M5	25	3.65	8.5	25	10
1440252	M5	30	3.65	8.5	25	10
1440253	M6	10	4.4	10.0	30	10
1440254	M6	12	4.4	10.0	30	10
1440255	M6	16	4.4	10.0	30	10
1440256	M6	20	4.4	10.0	30	10
1440257	M6	25	4.4	10.0	30	10
1440258	M6	30	4.4	10.0	30	10

### PPS Special Low Head Hexalobular Screw

Light Brown

- Excellent Temperature resistance, continuous use up to 200 °C
- Excellent resistance to chemicals
- Flame resistance: UL94 V0



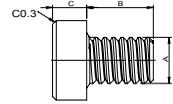
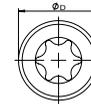
E = Hexalobular Number

Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440260	M3	6	1.3	6	8	25
1440261	M3	8	1.3	6	8	25
1440262	M3	10	1.3	6	8	25
1440263	M3	12	1.3	6	8	25
1440264	M3	16	1.3	6	8	25
1440265	M3	20	1.3	6	8	25
1440266	M4	6	1.5	8	10	25
1440267	M4	8	1.5	8	10	25
1440268	M4	10	1.5	8	10	25
1440269	M4	12	1.5	8	10	25
1440270	M4	16	1.5	8	10	25
1440271	M4	20	1.5	8	10	25
1440272	M4	25	1.5	8	10	25
1440273	M5	8	1.5	9	15	25
1440274	M5	10	1.5	9	15	25
1440275	M5	12	1.5	9	15	25
1440276	M5	16	1.5	9	15	25
1440277	M5	20	1.5	9	15	10
1440278	M5	25	1.5	9	15	10
1440279	M5	30	1.5	9	15	10
1440280	M6	10	1.5	10	20	10
1440281	M6	12	1.5	10	20	10
1440282	M6	16	1.5	10	20	10
1440283	M6	20	1.5	10	20	10
1440284	M6	25	1.5	10	20	10
1440285	M6	30	1.5	10	20	10
1440286	M6	40	1.5	10	20	10

### Reny Low Head Hexalobular Screw

Reny: 50% Glass filled Polyamide

- High strength and elasticity coefficient
- Excellent oil resistance
- Continuous use of temperature 105°C



E = Hexalobular Number

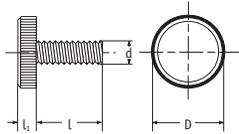
Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
1440726	M3	6	C	5.5	10	50
1440727	M3	8	2.4	5.5	10	50
1440728	M3	10	2.4	5.5	10	50
1440729	M3	12	2.4	5.5	10	50
1440730	M3	16	2.4	5.5	10	50
1440731	M3	20	2.4	5.5	10	50
1440732	M4	6	2.4	7.0	20	50
1440733	M4	8	3.1	7.0	20	50
1440734	M4	10	3.1	7.0	20	50
1440735	M4	12	3.1	7.0	20	50
1440736	M4	16	3.1	7.0	20	50
1440737	M4	20	3.1	7.0	20	25
1440738	M4	25	3.1	7.0	20	25
1440739	M5	8	3.1	8.5	25	25
1440740	M5	10	3.65	8.5	25	25
1440741	M5	12	3.65	8.5	25	25
1440742	M5	16	3.65	8.5	25	25
1440743	M5	20	3.65	8.5	25	25
1440744	M5	25	3.65	8.5	25	25
1440745	M5	30	3.65	8.5	25	10
1440746	M6	10	3.65	10.0	30	25
1440747	M6	12	4.4	10.0	30	25
1440748	M6	16	4.4	10.0	30	25
1440749	M6	20	4.4	10.0	30	25
1440750	M6	25	4.4	10.0	30	25
1440751	M6	30	4.4	10.0	30	25
1440752	M6	25	4.4	10.0	30	10

# SCREWS AND NUTS

## Thumb Screws

SR 1976

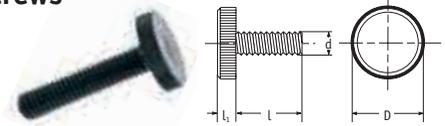
Natural Nylon 6.6



## Black Thumb Screws

SR 1976

Black Nylon 6.6



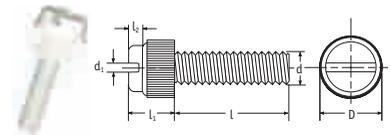
Part Number	Dimensions (mm)				Standard Pack Quantity
	d	D	L	l1	
0140230001VR	M4 x 0.7	16.0	25.0	3.4	100
0140240001VR	M4 x 0.7	16.0	30.0	3.4	100
0140250001VR	M4 x 0.7	16.0	40.0	3.4	100
0140320001VR	M5 x 0.8	16.0	15.0	3.4	100
0140330001VR	M5 x 0.8	16.0	20.0	3.4	100
0140340001VR	M5 x 0.8	16.0	25.0	3.4	100
0140350001VR	M5 x 0.8	16.0	30.0	3.4	100
0140360001VR	M5 x 0.8	16.0	40.0	3.4	100
0140390001VR	M6 x 1.0	16.0	6.5	3.4	100
0140410001VR	M6 x 1.0	16.0	8.0	3.4	100
0140420001VR	M6 x 1.0	16.0	10.0	3.4	100
0140430001VR	M6 x 1.0	16.0	12.0	3.4	100
0140450001VR	M6 x 1.0	16.0	16.0	3.4	100
0140460001VR	M6 x 1.0	16.0	20.0	3.4	100
0140470001VR	M6 x 1.0	16.0	22.0	3.4	100
0140480001VR	M6 x 1.0	16.0	25.0	3.4	100
0140500001VR	M6 x 1.0	16.0	30.0	3.4	100

Part Number	Dimensions (mm)				Standard Pack Quantity
	d	D	L	l1	
0140230000VR	M4 x 0.7	16.0	25.0	3.4	1000
0140240000VR	M4 x 0.7	16.0	30.0	3.4	1000
0140250000VR	M4 x 0.7	16.0	40.0	3.4	1000
0140320000VR	M5 x 0.8	16.0	15.0	3.4	1000
0140330000VR	M5 x 0.8	16.0	20.0	3.4	1000
0140340000VR	M5 x 0.8	16.0	25.0	3.4	1000
0140350000VR	M5 x 0.8	16.0	30.0	3.4	1000
0140360000VR	M5 x 0.8	16.0	40.0	3.4	1000
0140390000VR	M6 x 1.0	16.0	6.5	3.4	1000
0140410000VR	M6 x 1.0	16.0	8.0	3.4	1000
0140420000VR	M6 x 1.0	16.0	10.0	3.4	1000
0140430000VR	M6 x 1.0	16.0	12.0	3.4	1000
0140450000VR	M6 x 1.0	16.0	16.0	3.4	1000
0140460000VR	M6 x 1.0	16.0	20.0	3.4	1000
0140470000VR	M6 x 1.0	16.0	22.0	3.4	1000
0140480000VR	M6 x 1.0	16.0	25.0	3.4	1000
0140500000VR	M6 x 1.0	16.0	30.0	3.4	1000
0140650000VR	M8 x 1.25	16.0	10.0	3.4	1000
0140680000VR	M8 x 1.25	16.0	16.0	3.4	1000
0140690000VR	M8 x 1.25	16.0	20.0	3.4	1000
0140700000VR	M8 x 1.25	16.0	25.0	3.4	1000
0140710000VR	M8 x 1.25	16.0	30.0	3.4	1000
0140720000VR	M8 x 1.25	16.0	35.0	3.4	1000
0141850000VR	M10 x 1.5	16.0	16.0	3.4	500
0140860000VR	M10 x 1.5	16.0	20.0	3.4	500
0140880000VR	M10 x 1.5	16.0	30.0	3.4	500
0400230000VR	M4 x 0.7	30.0	25.0	5.0	1000
0400410000VR	M6 x 1.0	30.0	8.0	5.0	1000
0400420000VR	M6 x 1.0	30.0	10.0	5.0	1000
0400450000VR	M6 x 1.0	30.0	16.0	5.0	1000
0400470000VR	M6 x 1.0	30.0	22.0	5.0	1000
0400480000VR	M6 x 1.0	30.0	25.0	5.0	1000
0400500000VR	M6 x 1.0	30.0	30.0	5.0	1000
0400650000VR	M8 x 1.25	30.0	10.0	5.0	1000
0400680000VR	M8 x 1.25	30.0	16.0	5.0	1000
0400690000VR	M8 x 1.25	30.0	20.0	5.0	1000
0400700000VR	M8 x 1.25	30.0	25.0	5.0	1000
0400710000VR	M8 x 1.25	30.0	30.0	5.0	1000
0400720000VR	M8 x 1.25	30.0	35.0	5.0	1000
0401850000VR	M10 x 1.5	30.0	16.0	5.0	500
0400860000VR	M10 x 1.5	30.0	20.0	5.0	1000
0400880000VR	M10 x 1.5	30.0	30.0	5.0	1000

## Slotted Thumb Screws

SR 1977

Natural Nylon 6.6



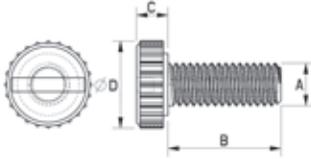
Part Number	Dimensions (mm)						Standard Pack Quantity
	d	l	D	l1	d1	l2	
0330000000VR	M3 x 0.5	4.0	8.1	5.5	1.0	1.1	1000
0330010000VR	M3 x 0.5	5.0	8.1	5.5	1.0	1.1	1000
0330020000VR	M3 x 0.5	6.0	8.1	5.5	1.0	1.1	1000
0330030000VR	M3 x 0.5	8.0	8.1	5.5	1.0	1.1	1000
0330040000VR	M3 x 0.5	10.0	8.1	5.5	1.0	1.1	1000
0330050000VR	M3 x 0.5	12.0	8.1	5.5	1.0	1.1	1000
0330060000VR	M3 x 0.5	16.0	8.1	5.5	1.0	1.1	1000
0330070000VR	M3 x 0.5	20.0	8.1	5.5	1.0	1.1	1000
0330080000VR	M3 x 0.5	25.0	8.1	5.5	1.0	1.1	1000
50M030050T030	M3 x 0.5	30.0	8.1	5.5	1.0	1.1	1000
0330130000VR	M4 x 0.7	6.0	10.5	8.1	1.4	1.7	1000
0330140000VR	M4 x 0.7	8.0	10.5	8.1	1.4	1.7	1000
0330150000VR	M4 x 0.7	10.0	10.5	8.1	1.4	1.7	1000
0330160000VR	M4 x 0.7	12.0	10.5	8.1	1.4	1.7	1000
0330170000VR	M4 x 0.7	16.0	10.5	8.1	1.4	1.7	1000
0330180000VR	M4 x 0.7	20.0	10.5	8.1	1.4	1.7	1000
0330190000VR	M4 x 0.7	25.0	10.5	8.1	1.4	1.7	1000
0330200000VR	M4 x 0.7	30.0	10.5	8.1	1.4	1.7	1000
50M040070T035	M4 x 0.7	35.0	10.5	8.1	1.4	1.7	1000
0330220000VR	M4 x 0.7	40.0	10.5	8.1	1.4	1.7	1000
0330240000VR	M5 x 0.8	8.0	10.5	8.1	1.4	1.7	1000
0330250000VR	M5 x 0.8	10.0	10.5	8.1	1.4	1.7	1000
0330260000VR	M5 x 0.8	12.0	10.5	8.1	1.4	1.7	1000
0330270000VR	M5 x 0.8	16.0	10.5	8.1	1.4	1.7	1000
0330280000VR	M5 x 0.8	20.0	10.5	8.1	1.4	1.7	1000
0330300000VR	M5 x 0.8	30.0	10.5	8.1	1.4	1.7	1000
0330310000VR	M5 x 0.8	40.0	10.5	8.1	1.4	1.7	1000
0330340000VR	M6 x 1.0	10.0	12.3	8.3	1.5	2.2	1000
0330350000VR	M6 x 1.0	12.0	12.3	8.3	1.5	2.2	1000
0330360000VR	M6 x 1.0	16.0	12.3	8.3	1.5	2.2	1000
0330370000VR	M6 x 1.0	20.0	12.3	8.3	1.5	2.2	1000
0330390000VR	M6 x 1.0	25.0	12.3	8.3	1.5	2.2	1000
0330500000VR	M6 x 1.0	30.0	12.3	8.3	1.5	2.2	1000
50M060100T040	M6 x 1.0	40.0	12.3	8.3	1.5	2.2	1000
50M060100T045	M6 x 1.0	45.0	12.3	8.3	1.5	2.2	1000
50M060100T050	M6 x 1.0	50.0	12.3	8.3	1.5	2.2	500

### Knurled Screw

SR 5741

Nylon and 30% Glass Fibre

- Knurled Head for extra grip
- Resistant to numerous fluids and chemicals



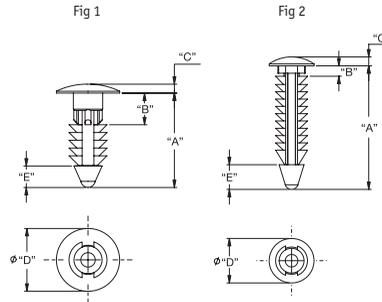
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
140040669916	M4	6	4.0	13	100
140041069916	M4	10	4.0	13	100
140041569916	M4	15	4.0	13	100
140042069916	M4	20	4.0	13	100
140051069916	M5	10	4.0	13	100
140051569916	M5	15	4.0	13	100
140052069916	M5	20	4.0	13	100
140061069916	M6	10	4.0	13	100
140061369916	M6	13	4.0	13	100
140061569916	M6	15	4.0	13	100
140062069916	M6	20	4.0	13	100

### Pawl Lock

SR 2303

PL

Material: Nylon 6/6, RMS-01



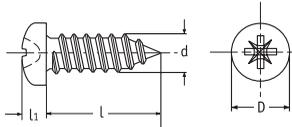
Colour: Natural	Colour: Black	Dimensions (mm)						Hole Size	Fig.	Standard Pack Quantity
		A	B	C	D	E				
PL-250-10-01	PL-250-10-01BK	15.4	3.2	2.0	12.7	4.1	6.35	1	1000	
PL-250-12-01	PL-250-12-01BK	19.1	6.7	1.8	12.7	4.1	6.35	1	1000	
PL-250-20-01	PL-250-20-01BK	25	2.1	1.8	9.0	5.0	5.5	2	1000	

### Crossed Pan Head Tapping Screws

SR 1983

Black Polyphthalamide 45% Glass Filled

- Refer to standard NF E 25-658 for guidance purposes only



Part Number	Dimensions (mm)				Standard Pack Quantity
	d	l	D	l <sub>1</sub>	
6580111301VR	3.5	6.5	8.0	3.1	1000
6580121301VR	3.5	9.5	8.0	3.1	1000
6580131301VR	3.5	13.0	8.0	3.1	1000
6580141301VR	3.5	16.0	8.0	3.1	1000
6580181301VR	4.2	9.5	8.0	3.1	1000
6580191301VR	4.2	13.0	8.0	3.1	1000
6580201301VR	4.2	16.0	8.0	3.1	1000
6580251301VR	4.8	9.5	9.5	3.7	1000
6580261301VR	4.8	13.0	9.5	3.7	1000
6580271301VR	4.8	16.0	9.5	3.7	1000
6580281301VR	4.8	19.0	9.5	3.7	1000
6580291301VR	4.8	22.0	9.5	3.7	1000
6580321301VR	4.5	39.7	9.3	3.5	1000
6580351301VR	5.5	19.0	9.5	3.7	1000
6580411301VR	6.3	16.0	12.0	4.6	1000
6580421301VR	6.3	19.0	12.0	4.6	1000
6580441301VR	6.3	25.0	12.0	4.6	1000
6580551301VR	8.0	50.0	16.0	6.0	500
6580701301VR	9.5	60.0	20.0	7.5	500

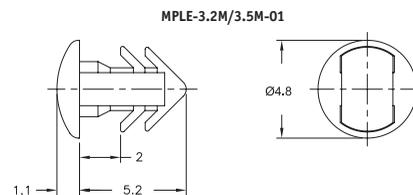
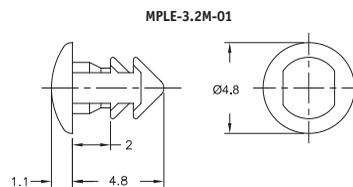
### Mini Pawl Locks

SR 2304

MPLE

Material: UL94 V2 Nylon 6/6

Material: UL94 V0 Nylon 6/6



Colour: Natural RMS-01	Colour: Black RMS-01	Colour: Natural RMS-19	Hole Ø	Total Holding Thickness	Standard Pack Quantity
MPLE-3.2M-01	MPLE-3.2M-01BK	MPLE-3.2M-19	3.2	1.85 Max	1000
MPLE-32M/35M-01	MPLE-32M/35MBK	MPLE-32M/35M-19	3.2-3.5	1.85 Max	1000

# SCREWS AND NUTS

## Threaded Rod – 100cm

SR 1985

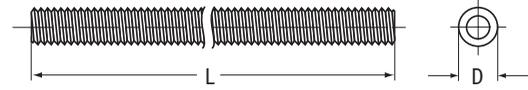
Natural Nylon 6.6



## Threaded Rod – 20cm

SR 1985

Natural Nylon 6.6



Part Number	Dimensions (mm)		Standard Pack Quantity
	D	L	
0060010000VR	M3 x 0.5	1000	10
0060020000VR	M4 x 0.7	1000	10
0060030000VR	M5 x 0.8	1000	10
0060040000VR	M6 x 1.0	1000	10
0060050000VR	M8 x 1.25	1000	10
0060060000VR	M10 x 1.5	1000	5
0060070000VR	M12 x 1.75	1000	5
0060080000VR	M14 x 2.0	1000	5
0060090000VR	M16 x 2.0	1000	5
0060100000VR	M18 x 2.5	1000	5
0060110000VR	M20 x 2.5	1000	5
0060120000VR	M24 x 3.0	1000	5

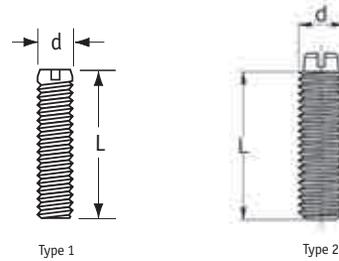
Part Number	Dimensions (mm)		Standard Pack Quantity
	Size	L	
072042000002	M4	200	25
072052000002	M5	200	25
072062000002	M6	200	25
072082000002	M8	200	10
072102000002	M10	200	10
072122000002	M12	200	10

## Grub Screws

SR 1957

Natural Nylon 6.6

- Refer to standard DIN 551 for guidance purposes only



Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	d	L	Slot Size		
0150060000VR	M3 x 0.5	5.0	1.5 x 0.5	2	1000
0150070000VR	M3 x 0.5	6.0	1.5 x 0.5	2	100
0150080000VR	M3 x 0.5	8.0	1.5 x 0.5	2	100
0090090000VR	M3 x 0.5	10.0	1.5 x 0.5	2	1000
0090100000VR	M3 x 0.5	12.0	1.5 x 0.5	2	1000
50M040070R006	M4 x 0.7	6.0	2.0 x 0.65	2	1000
50M040070R008	M4 x 0.7	8.0	2.0 x 0.65	2	1000
50M040070R010	M4 x 0.7	10.0	2.0 x 0.65	2	1000
50M040070R012	M4 x 0.7	12.0	2.0 x 0.65	2	1000
50M040070R016	M4 x 0.7	16.0	2.0 x 0.65	2	1000
50M040070R020	M4 x 0.7	20.0	2.0 x 0.65	1	1000
50M040070R025	M4 x 0.7	25.0	2.0 x 0.65	1	100
50M040070R030	M4 x 0.7	30.0	2.0 x 0.65	1	500
90130609136	M5 x 0.8	8.0	3.3 x 0.9	1	100
464276	M5 x 0.8	10.0	3.3 x 0.9	2	100
464277	M5 x 0.8	12.0	3.3 x 0.9	2	100
464278	M5 x 0.8	16.0	3.3 x 0.9	2	100
464279	M5 x 0.8	20.0	3.3 x 0.9	2	100
50M050080R025	M5 x 0.8	25.0	3.3 x 0.9	2	500
50M050080R030	M5 x 0.8	30.0	3.3 x 0.9	1	500
50M060100R008	M6 x 1.0	8.0	4.1 x 1.0	1	1000

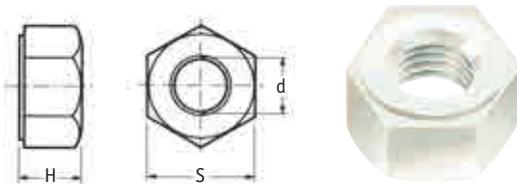
Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	d	L	Slot Size		
50M060100R010	M6 x 1.0	10.0	4.1 x 1.0	2	500
464284	M6 x 1.0	12.0	4.1 x 1.0	2	100
464285	M6 x 1.0	16.0	4.1 x 1.0	2	100
464286	M6 x 1.0	20.0	4.1 x 1.0	2	100
464287	M6 x 1.0	30.0	4.1 x 1.0	2	100
50M060100R050	M6 x 1.0	50.0	4.1 x 1.0	1	500
50M060100R060	M6 x 1.0	60.0	4.1 x 1.0	1	500
50M080125R008	M8 x 1.25	8.0	5.2 x 1.6	1	500
0150650000VR	M8 x 1.25	10.0	5.2 x 1.6	2	1000
50M080125R016	M8 x 1.25	16.0	5.2 x 1.6	2	500
50M080125R020	M8 x 1.25	20.0	5.2 x 1.6	2	500
464295	M8 x 1.25	25.0	5.2 x 1.6	2	100
464296	M8 x 1.25	30.0	5.2 x 1.6	2	100
50M080125R050	M8 x 1.25	50.0	5.2 x 1.6	1	500
50M100150R016	M10 x 1.5	16.0	6.6 x 2.3	1	500
50M100150R020	M10 x 1.5	20.0	6.6 x 2.3	1	500
50M100150R030	M10 x 1.5	30.0	6.6 x 2.3	1	500
464303	M10 x 1.5	50.0	6.6 x 2.3	1	100
50M100150R060	M10 x 1.5	60.0	6.6 x 2.3	1	500
0091010000VR	M12 x 1.75	16.0	8.4 x 1.8	1	100
0091970000VR	M12 x 1.75	20.0	8.4 x 1.8	1	250

### Hexagonal Nuts

SR 1954

Natural Nylon 6.6

- Refer to standard NF E 2403, ISO 4032, DIN 555, DIN 934 for guidance purposes only



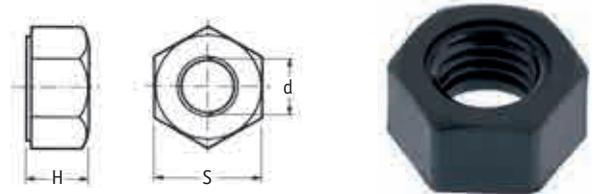
Part Number	Dimensions (mm)			Standard Pack Quantity
	d	H	S	
04M020040HN	M2 x 0.4	1.6	4.0	1000
04M025045HN	M2.5 x 0.45	2.0	5.0	1000
496239	M3 x 0.5	2.4	5.5	1000
496240	M4 x 0.7	3.2	7.0	1000
0030030000VR	M5 x 0.8	4.2	8.0	1000
0030040000VR	M6 x 1.0	5.0	10.0	1000
0030050000VR	M8 x 1.25	6.5	13.0	1000
0030060000VR	M10 x 1.5	8.0	17.0	1000
0030070000VR	M12 x 1.75	10.8	18.0	500
0030080000VR	M14 x 2.0	12.8	21.0	500
0030090000VR	M16 x 2.0	14.8	24.0	250
0030110000VR	M20 x 2.5	18.0	30.0	250
0030120000VR	M24 x 3.0	21.5	36.0	250

### Black Hexagonal Nuts

SR 1954

Black Nylon 6.6

- Refer to standard NF E 2403, ISO 4032, DIN 555, DIN 934 for guidance purposes only

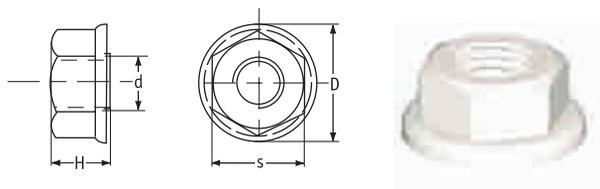


Part Number	Dimensions (mm)			Standard Pack Quantity
	d	H	S	
496241	M3 x 0.5	2.4	5.5	100
496242	M4 x 0.7	3.2	7.0	100
0030030001VR	M5 x 0.8	4.2	8.0	100
0030040001VR	M6 x 1.0	5.0	10.0	100
0030050001VR	M8 x 1.25	6.5	13.0	100
0030060001VR	M10 x 1.5	8.0	17.0	100
0030070001VR	M12 x 1.75	10.8	18.0	100

### Washer Nuts

SR 1966

Natural Nylon 6.6

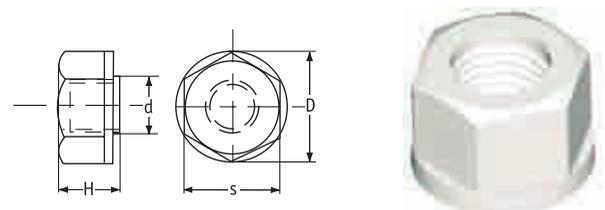


Part Number	Dimensions (mm)				Standard Pack Quantity
	d	D	H	s	
43534	M3 x 0.5	7.0	3.2	5.5	1000
43535	M4 x 0.7	9.4	4.1	7.0	1000
43536	M5 x 0.8	11.0	5.1	8.0	1000
43537	M6 x 1.0	13.0	6.0	10.0	1000
43538	M8 x 1.25	17.0	8.0	13.0	1000
1284116	M10 x 1.5	22.0	9.5	16.0	1000
1284114	M12 x 1.75	28.0	14.4	18.7	1000
1284115	M16 x 2.0	36.0	15.8	23.7	1000

### Self-Locking Nuts

SR 1987

Natural Nylon 6.6



Part Number	Dimensions (mm)				Standard Pack Quantity
	d	D	H	s	
0600030000VR	M5 x 0.8	9.5	6.5	8.0	1000
0600040000VR	M6 x 1.0	11.4	7.3	10.0	1000
0600050000VR	M8 x 1.25	16.2	9.0	14.0	1000

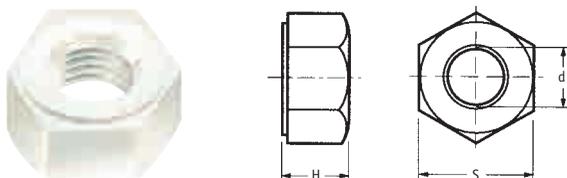
# SCREWS AND NUTS

## Hexagonal Nuts – PP

SR 1906

Natural Polypropylene

- Refer to standard NF E2403, ISO 4032, DIN 555, DIN 934 for guidance purposes only



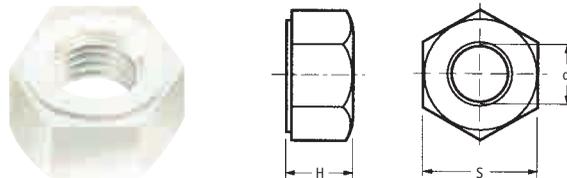
Part Number	Dimensions (mm)			Standard Pack Quantity
	d	H	S	
0030030300VR	M5 x 0.8	4.2	8.0	100
0030040300VR	M6 x 1.0	5.0	10.0	100
0030050300VR	M8 x 1.25	6.5	13.0	100
0030060300VR	M10 x 1.5	8.0	17.0	100
0030070300VR	M12 x 1.75	10.8	18.0	100
0030090300VR	M16 x 2.0	14.8	24.0	100

## Hexagonal Nuts – PVDF

SR 1905

Natural PVDF

- Refer to standard NF E 2403, ISO 4032, DIN 555, DIN 934 for guidance purposes only

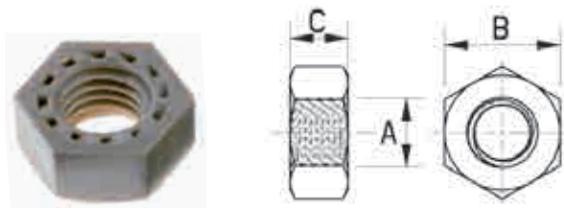


Part Number	Dimensions (mm)			Standard Pack Quantity
	d	H	S	
0030010500VR	M3 x 0.5	2.4	5.5	100
0030030500VR	M5 x 0.8	4.2	8.0	100
0030040500VR	M6 x 1.0	5.0	10.0	100
0030050500VR	M8 x 1.25	6.5	13.0	100
0030060500VR	M10 x 1.5	8.0	17.0	100
0030070500VR	M12 x 1.75	10.8	18.0	100
0030090500VR	M16 x 2.0	14.8	24.0	100

## PEEK® Hexagon Nut

SR 2014

- Made from PEEK®
- Colour: Light Brown
- Continuous temperature use 180°C
- Resistant to most chemicals
- Flame resistance: UL94 V-0



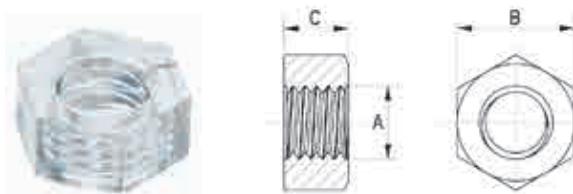
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
184020070409	M2.6	5.0	2.0	25
184030070409	M3	5.5	2.4	25
184040070409	M4	7.0	3.2	25
184050070409	M5	8.0	4.0	25
184060070409	M6	10.0	5.0	25
184080070409	M8	13.0	6.5	10
184100070409	M10	17.0	8.0	10

## Transparent Nut

SR 1926

Polycarbonate

- High transparency fastener
- Ideal for POS display construction



Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
170000200022	M2	4.0	1.6	100
170002500022	M2.6	5.0	2.4	100
170000300022	M3	5.5	2.5	100
170000400022	M4	8.0	3.3	100
170000500022	M5	8.0	4.4	100
170000600022	M6	10.0	5.0	100
170000800022	M8	13.0	6.5	100

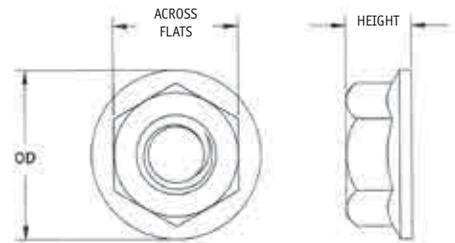
## Hexagonal Flange Nuts

SR K-0002

Natural PA 6.6



Part Number	Dimensions (mm)					Standard Pack Quantity
	Screw Size	Thread	OD	Across Flats	Height	
04M030050WFHN	M3	0.50	6.60	5.50	3.10	1000
04M040070WFHN	M4	0.70	8.80	7.00	3.40	1000
04M050080WFHN	M5	0.80	9.80	7.90	5.20	1000
04M060100WFHN	M6	1.00	13.00	10.00	6.00	1000
04M080125WFHN	M8	1.25	17.00	13.00	8.00	500
04M100150WFHN	M10	1.50	22.00	16.00	10.00	500
04M120175WFHN	M12	1.75	27.00	19.00	14.50	500
04M160150WFHN	M16	1.50	22.00	18.92	6.70	1000
04M160200WFHN	M16	2.00	39.00	24.00	19.50	500
04M200150WFHN	M20	1.50	27.00	22.86	8.00	500
04M250150WFHN	M25	1.50	32.00	27.94	9.00	250
04M320150WFHN	M32	1.50	42.00	36.45	9.02	250



## Kwik Nut Fastener

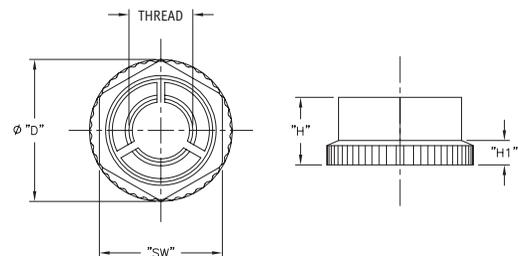
SR 2305

KNF

Black Nylon 6/6, RMS-48



- To press fit over a threaded stud.
- To install, push down the length of the threaded fastener to desired location and lock with a 180° turn



Part Number	Dimensions (mm)					Standard Pack Quantity
	Thread	"SW"	"D"	"H"	"H1"	
1442504	M3	7.0	8.2	4	1.5	1000
1442505	M4	8.0	9.4	4.7	1.5	1000
1442506	M5	10.0	12.0	5.8	2.5	1000
1442507	M6	12.7	15.0	6.9	2.5	1000

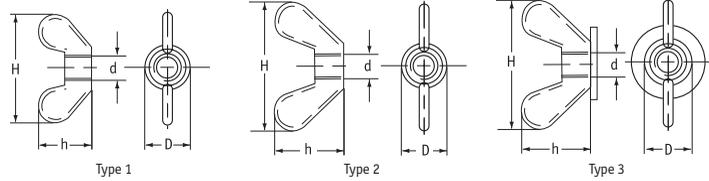
# SCREWS AND NUTS

## Wing Nuts

SR 1956

Natural Nylon 6.6

- Type 1 – small head
- Type 2 – larger wings for ease of turning
- Type 3 – includes washer

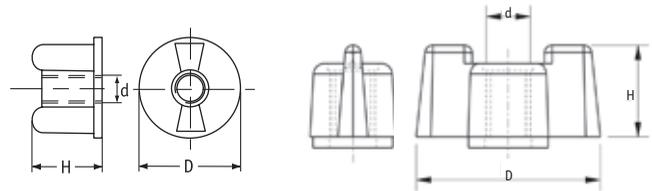


Part Number	Type	Dimensions (mm)				Standard Pack Quantity
		d	D	H	h	
0480510000VR	1	M3 x 0.5	10.0	25.0	12.0	1000
0480520000VR	1	M4 x 0.7	10.0	25.0	12.0	1000
0480530000VR	1	M5 x 0.8	10.0	25.0	12.0	1000
0480540000VR	1	M6 x 1.0	10.0	25.0	12.0	1000
0500020000VR	2	M4 x 0.7	14.0	35.0	22.0	1000
0500030000VR	2	M5 x 0.8	14.0	35.0	22.0	1000
0500040000VR	2	M6 x 1.0	14.0	35.0	22.0	1000
0500050000VR	2	M8 x 1.25	14.0	35.0	22.0	1000
467000	2	M10 x 1.5	17.0	41.0	25.0	1000
0510020000VR	3	M4 x 0.7	24.0	35.0	24.0	1000
0510030000VR	3	M5 x 0.8	24.0	35.0	24.0	1000
0510040000VR	3	M6 x 1.0	24.0	35.0	24.0	1000
0510050000VR	3	M8 x 1.25	24.0	35.0	24.0	1000

## Fly Nuts

SR 1988

Natural Nylon



Type 1



Type 2

Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	d	D	H		
0680020000VR	M4	22	13	1	1000
0680030000VR	M5	22	13	1	1000
0680100000VR	M6	22	13	1	1000
467001	M8	22	13	1	1000
053040060002*	M4	25	14	2	100
053050060002*	M5	25	14	2	100
053060060002*	M6	25	14	2	100
053080000002	M8	26	16	2	100

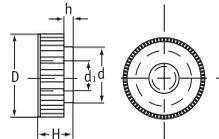
\*White in Colour – RAL 9010

## Black Knurled Nuts

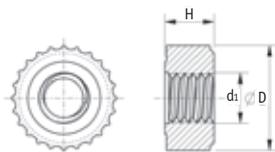
SR 1989

Black Nylon 6.6

- Type 1 – 30% Glass filled Nylon 6.6
- Type 2 – Nylon 6.6



Type 2



Type 1



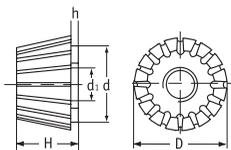
Part Number	Dimensions (mm)					Type	Standard Pack Quantity
	d	D	d1	H	h		
141004069916	M4	13.0	-	4.0	-	1	100
141005069916	M5	13.0	-	5.0	-	1	100
141006069916	M6	13.0	-	6.0	-	1	100
0660020001VR	M4	16.0	10.0	6.0	1.4	2	100
0660030001VR	M5	16.0	10.0	6.0	1.4	2	100
0660040001VR	M6	16.0	10.0	6.0	1.4	2	100

## Knurled Nuts

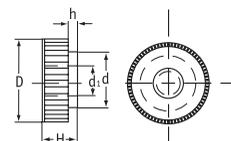
SR 1989

Natural Nylon 6.6

- Type 1 – conical
- Type 2 – standard



Type 1



Type 2



### Type 1

Part Number	Dimensions (mm)					Standard Pack Quantity
	d	D	d1	H	h	
0580020000VR	M4 x 0.7	16.0	14.0	12.0	1.0	1000
0580030000VR	M5 x 0.8	16.0	14.0	12.0	1.0	1000
0580040000VR	M6 x 1.0	16.0	14.0	12.0	1.0	1000
0580050000VR	M8 x 1.25	16.0	14.0	12.0	1.0	1000

### Type 2

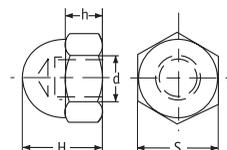
Part Number	Dimensions (mm)					Standard Pack Quantity
	d	D	d1	H	h	
0760040000VR	M4 x 0.7	16.0	10.0	8.0	3.5	1000
0760050000VR	M5 x 0.8	16.0	10.0	8.0	3.5	1000
0760060000VR	M6 x 1.0	16.0	10.0	8.0	3.5	1000
0660020000VR	M4 x 0.7	16.0	10.0	6.0	1.4	1000
0660030000VR	M5 x 0.8	16.0	10.0	6.0	1.4	1000
0660040000VR	M6 x 1.0	16.0	10.0	6.0	1.4	1000
0770040000VR	M4 x 0.7	20.0	10.0	8.0	3.5	1000
0770050000VR	M5 x 0.8	20.0	10.0	8.0	3.5	1000
0770060000VR	M6 x 1.0	20.0	10.0	8.0	3.5	1000
0770080000VR	M8 x 1.25	20.0	10.0	8.0	3.5	1000

## Dome Nuts

SR 1955

Natural Nylon 6.6

- Refer to standard NF E 27-453, DIN 1587 for guidance purposes only



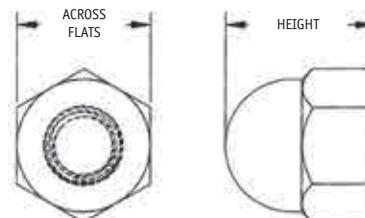
Part Number		Dimensions (mm)				Standard Pack Quantity
White	Black	d	H	h	s	
0550010000VR	0550010001VR	M3x0.5	6.0	3.0	5.5	1000
NNE-1587-M4	-	M4x0.7	8.0	3.2	7.0	1000
0550030000VR	0550030001VR	M5x0.8	10.0	4.0	8.0	1000
0550040000VR	0550040001VR	M6x1.0	12.0	5.0	10.0	1000
0550050000VR	0550050001VR	M8x1.25	15.0	6.5	13.0	1000
0550060000VR	0550060001VR	M10x1.5	18.0	8.0	17.0	1000
0550070000VR	0550070001VR	M12x1.75	22.0	10.0	19.0	500

## Locking Dome Nuts

SR K-0003

Natural PA 6.6

- Protective locking cap for screw heads
- Locks tightly into place

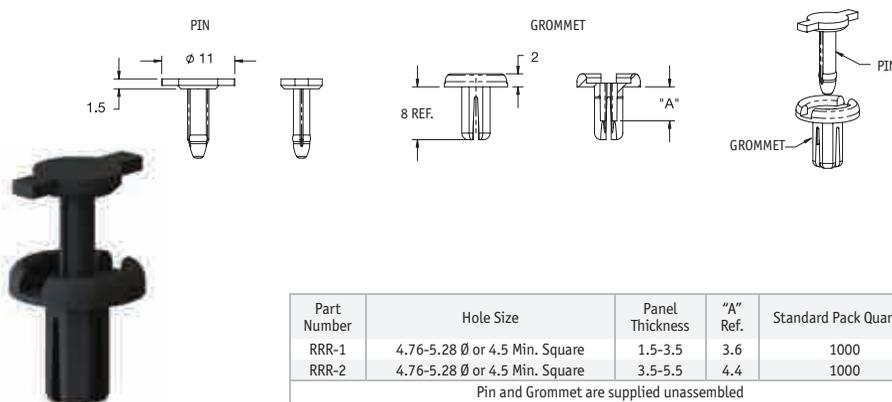


Part Number	Dimensions (mm)				Standard Pack Quantity
	Screw Size	Thread	Across Flats	Height	
05M040070LCN	M4	0.7	7.0	8.0	1000
05M050080LCN	M5	0.8	8.0	10.0	1000
05M060100LCN	M6	1.0	10.0	12.0	1000

# RIVETS AND PANEL FASTENERS

## Removable Rivet

SR 2306  
RRR  
Black Nylon 66/6, RMS-103

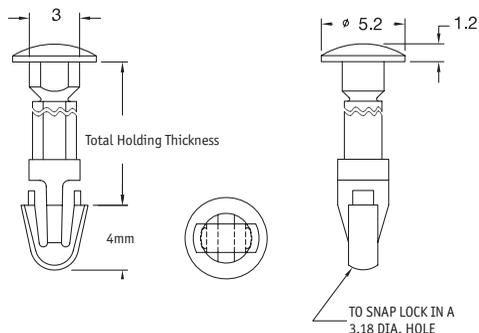


Part Number	Hole Size	Panel Thickness	"A" Ref.	Standard Pack Quantity
RRR-1	4.76-5.28 $\emptyset$ or 4.5 Min. Square	1.5-3.5	3.6	1000
RRR-2	4.76-5.28 $\emptyset$ or 4.5 Min. Square	3.5-5.5	4.4	1000

Pin and Grommet are supplied unassembled

## Snap Lock Pin with Arrowhead

SR 2307  
SLPA  
Natural Nylon 6/6, RMS-01



Part Number	Total Holding Thickness	Standard Pack Quantity
SLPA125-187-01	4.7	1000
SLPA125-250-01	6.4	1000
SLPA125-312-01	7.9	1000
SLPA125-375-01	9.5	1000
SLPA125-500-01	12.7	1000
SLPA125-625-01	15.9	1000
SLPA125-750-01	19.1	1000

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## Push Rivets

SR 1963

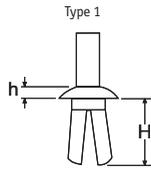
Natural or Black Nylon

- Fast, economical, permanent
- Rivet expands for secure tight fit
- Good electrical insulation
- Vibration, abrasion and corrosion resistant
- Installation tool available for faster fixing and recommended application method

## Rivet Hand Tool for Push Rivets

SR 1919

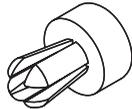
- For use with Push Rivet: SR 1963
- Ensures secure rivet fastening
- Simply position rivet gun over stem of the rivet and push down



Type 2



Type 3



Part Number		Nominal Panel Hole Size (mm)	Dimensions (mm)				Type	Standard Pack Quantity	Rivet Hand Tool	Standard Pack Quantity
Natural	Black		Panel Thickness	H	h	Head Diameter				
093011000002	093011059902	3.0	1.0-4.0	5.7	1.3	5.0	1	250	112011099999	1
093012000002	093012059902	3.5	1.0-5.0	6.8	1.3	6.0	1	250	112012099999	1
093000200002	093000269902	3.6	2.0-5.5	7.0	2.0	7.7	1	250	112008999999	1
093013000002	093013059902	4.0	1.5-6.0	7.9	1.5	6.5	1	250	112013099999	1
-	093000469902	5.0	4.0-6.5	11.5	2.0	10.4	1	250	112013099999	1
093002300002	-	4.4	1.0-3.5	5.0	1.7	6.0	1	250	112011099999	1
093001000002	093001069902	4.8	1.6-4.7	7.4	2.5	8.7	1	250	112014099999	1
PPR-5	PPR-5B	4.8	1.0-9.5	10.7	1.6	7.1	2	1000	PPR-T1	1
PPR-2	PPR-2B	4.8	4.0-7.1	9.7	1.5	10.9	1	1000	PPR-T1	1
093000800002	093000869902	4.8	4.0-8.7	11.0	1.2	7.1	1	250	112008999999	1
093000700002	093000769902	5.0	1.5-5.0	7.4	2.0	7.1	1	250	112008999999	1
093014000002	093014059902	5.0	1.5-7.0	9.2	1.8	8.5	1	250	112014099999	1
-	093001469902	5.0	3.0-7.0	11.0	2.0	9.7	1	250	112015099999	1
PPR-1	PPR-1B	5.5	2.4-4.0	11.4	2.0	9.4	1	1000	PPR-T1	1
093015000002	093015059902	6.0	2.0-8.0	10.5	2.2	10.0	1	250	112015099999	1
093002400002	093002469902	6.0	3.0-7.0	10.0	2.0	11.0	1	250	112002499999	1
PPR-9	PPR-9B	6.4	1.5-6.4	9.3	4.7	11.1	3	1000	PPR-T4	1
093002600002	093002669902	6.4	4.0-9.5	12.0	2.0	11.0	1	250	112002499999	1
PPR-4	PPR-4B	6.4	7.1-12.7	15.8	2.0	11.9	1	1000	PPR-T4	1
093016000002	093016059902	7.0	2.5-9.0	11.8	2.6	12.0	1	250	112016099999	1
093001800002	093001869902	7.1	4.0-12.0	17.5	2.5	18.0	1	250	112001899999	1
093017000002	093017059902	8.0	3.0-10.0	13.0	3.0	13.5	1	250	112017099999	1

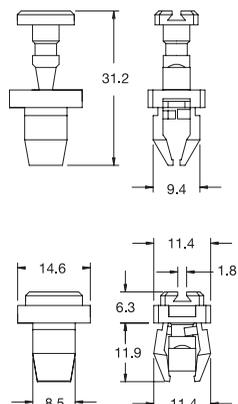
# RIVETS AND PANEL FASTENERS

## Quarter Turn Panel Fastener

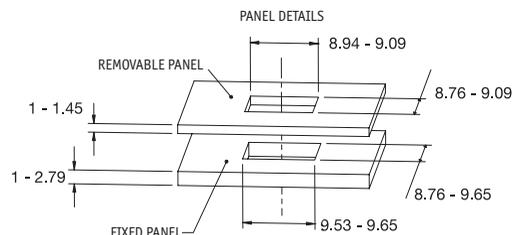
SR 2308

FQT

Acetal, RMS-14



- Easily installed by driving the plunger into the grommet with a hammer locking the two panels together
- Panels are easily separated using a screwdriver to rotate the plunger a quarter turn



Part Number	Colour	Standard Pack
FQT-1	White	1000/Bag
FQT-1BK	Black	1000/Bag

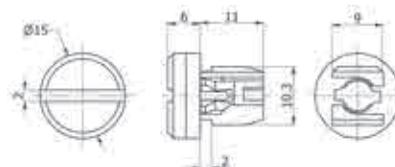
## Quarter Turn Latches

SR 1917

Nylon



- Turn the quarter turn fastener to both lock and release the fastener
- Supplied in pre-assembled format for convenience
- Ideal for when it is impossible to fit a receptacle in the frame work
- Available in both black and natural



Part Number		Dimensions (mm)					Standard Pack Quantity
Black	Natural	Hole Size (mm)	Panel Thickness	Head Diameter	Head Height	Length	
495245	495246	9.0 x 9.1-9.3	1.6-5.0	15.0	6.0	11.0	1000

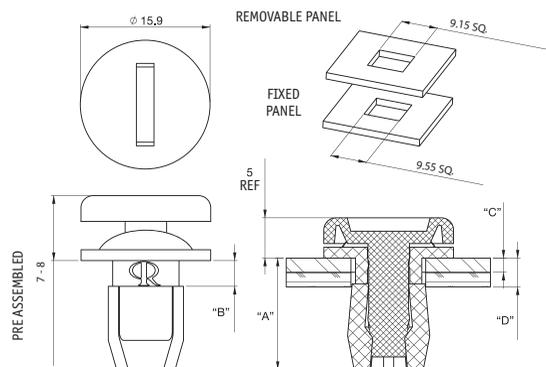
## Quarter Turn Panel Fastener

SR 2309

QTPF

Black UL94 HB Acetal, RMS-14

- Using a flat-head screwdriver or coin, a quarter-turn releases the bottom panel while retaining the fastener in the removable panel



Part Number	Dimensions (mm)		Removable Panel Thickness "C"	Total Panel Thickness "D"	Standard Pack Quantity
	"A"	"B"			
QTPF-1BK	12.3	1.7	0.5-1.6	2-5	1000
QTPF-2BK	13.7	3.1	1.8-3.1	4-6.2	1000

## Quarter Turn Fasteners

SR 6268

Acetal Co-Polymer (POM)

- Fast assembly fastener
- Locks and unlocks by quarter turning head
- Wide range of panel depth and mounting hole sizes
- Permanent mounting solution
- Cross head quarter turn fasteners



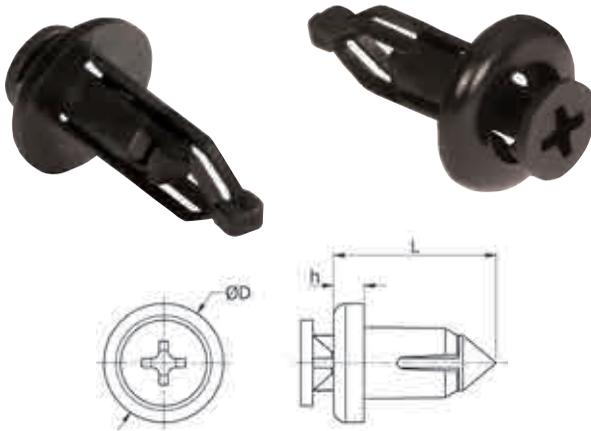
Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	Head Diameter	Hole Diameter	Panel Thickness		
551651	20	7.5	4.5-7	1	1000
551652	19	9	4-7.5	2	1000
551653	15	9	6-8.2	2	1000
551654	14	6	4.5-6	2	1000
551655	16	7	4.5-6	3	1000
551656	20	8	3-5-6	3	1000
551657	16	6	4.5-6	1	1000

## Quarter Turn Rivets

SR 1915

Black POM

- Quick release fastener
- Suitable for security panels and components that need to be replaced quickly



Part Number	Dimensions (mm)					Standard Pack Quantity
	Hole Size	Panel Range	D	h	L	
495234	6.0	3.0 - 5.0	17.9	2.3	16.2	1000
495235	6.0	4.5 - 6.0	14.2	2.0	16.0	1000
495236	6.0	4.5 - 6.0	16.0	2.3	12.1	1000
495237	7.0	2.5 - 5.0	16.0	2.3	14.2	1000
495239	8.0	3.5 - 6.0	19.9	2.9	18.3	1000
495240	9.0	4.0 - 7.5	18.7	3.6	25.4	1000
495241	9.0	6.0 - 8.2	15.0	3.8	20.4	1000
495242	7.0-9.0	4.5 - 6.5	15.7	3.0	15.5	1000

## Screw Rivet Fasteners

SR 6269

Polyamide PA6

- Large Hole Diameter
- Easily removed by unscrewing
- Push fit install
- High retention force
- Images for reference purposes only. Please review full drawing before purchase



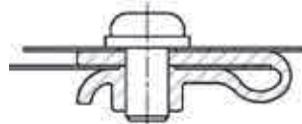
Part Number	Head Style	Dimensions (mm)			Type	Standard Pack Quantity
		Head Diameter	Hole Diameter	Panel Thickness		
551658	Cross Head. Screw Rivet	21.5	10.6	<14	1	1000
551659	Cross Head. Screw Rivet	16.5	9.8	<10.5	2	1000

## Sealed and Panel Edge Grommet Nuts

SR 6267

### Polyamide

- Edge mounted U-Shaped grommet nut
- Slides on to the sheet material
- Alternative solution to threaded inserts
- Can be used as an alternative to a clinch fastener
- Images for reference purposes only. Please review full drawing before purchase



Type 1



Type 2

Part Number	Mounting Style	Dimensions (mm)						Type	Standard Pack Quantity
		Mounting Screw	Panel Thickness 1	Panel Thickness 2	Length	Width	Mounting Hole Ø		
551634	Panel Edge Mounting	M6	0.5-1	-	29.0	19.0	10.0	1	1000
551635	Edge to Edge Panel Corner Mounting	M5	1.3	2.2	33.0	19.0	9.0	2	1000
551636	Edge to Edge Panel Corner Mounting	M6	1.4	1.8	23.0	31.5	9.0	2	1000
551637	Panel Edge Mounting	M5	3	-	27.0	18.0	9.0	1	1000
551638	Panel Edge Mounting	M6	1.2	-	20.5	20.0	9.0	1	1000
551639	Edge to Edge Panel Mount	M6	1.2	2.1	32.5	31.5	9.0	2	1000

### Polyamide

- Panel jointing grommet nuts
- Provides a threaded mounting for fixing two panels together
- Sealed to prevent moisture and material entering
- Images for reference purposes only. Please review full drawing before purchase



Type 3



Type 4

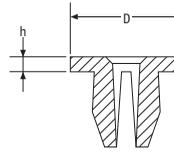
Part Number	Head Style	Dimensions (mm)					Type	Standard Pack Quantity
		Mount Screw	Panel Thickness	Overall Length	Grommet Head Size	Mounting Hole Square		
551640	Round Head Sealed Grommet Nut	M2	1.3mm	17.5	13.5	6 x 6	3	1000
551641	Round Head Sealed Grommet Nut	M5	2mm	19.0	16.5	7.5 x 7.5	3	1000
551642	Square Head Sealed Grommet Nut	M4	1-3mm	23.5	16.8 x 6.8	7.5 x 7.5	4	1000
551643	Round Head Sealed Grommet Nut	M6	1.5mm	16.0	16.0	7.5 x 7.5	3	1000
551644	Round Head Sealed Grommet Nut	M4	1.0mm	17.0	15.0	7.5 x 7.5	3	1000
551645	Round Head Sealed Grommet Nut	M6	1.0mm	18.0	18.0	7.5 x 7.5	3	1000
551646	Round Head Sealed Grommet Nut	M6	1.7mm	18.0	12.5	6.5 x 6.5	3	1000
551647	Round Head Sealed Grommet Nut	M3	1.9mm	12.0	14.0	6 x 6	3	1000
551648	Square Head Sealed Grommet Nut	M3	3.3mm	13.0	10 x 10	6 x 6	4	1000
551649	Round Head Sealed Grommet Nut	M5	1.35mm	16.5	16.0	7 x 7	3	1000
551650	Square Head Sealed Grommet Nut	M4	1-2.8mm	17.0	16.5 x 16.5	7 x 7	4	1000

## Grommet Nuts

SR 1959

Natural Nylon 6.6

- For a secure threaded connection between two panels



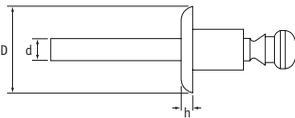
Part Number	Self-Tapping Screw Size (mm)	Dimensions (mm)		Panel Hole Size (mm)	Panel Hole Thickness (mm)	Standard Pack Quantity
		D	h			
162501300002	2.9	8.0	1.3	5.0 x 5.0	0.8 - 2.5	250
162601400002	3.5	10.0	1.4	6.0 x 6.0	0.8 - 3.0	250
162701500002	4.2	12.0	1.5	7.0 x 7.0	0.8 - 4.0	250
162801600002	4.8	14.0	1.6	8.0 x 8.0	0.8 - 5.0	250

## Blind Rivets

SR 1911

Natural Nylon

- Good electrical insulation
- Vibration, abrasion and corrosion resistant



## Blind Rivet Gun

- Suitable for all blind rivets in SR 1911
- Part number 495141



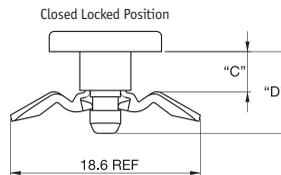
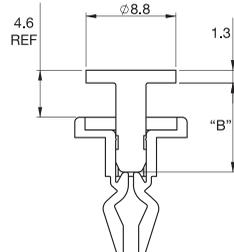
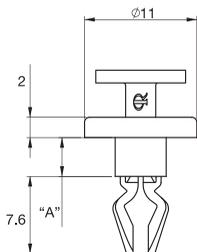
Part Number	Nominal Panel Hole Size (mm)	Dimensions (mm)				Standard Pack Quantity
		Panel Thickness	D	h	d	
497526	4.1	0.5 - 5.0	9.0	1.2	2.5	1000
497527	4.1	5.0 - 9.0	9.0	1.2	2.5	1000
497528	5.1	0.5 - 5.0	11.0	1.2	3.0	1000
497529	5.1	5.0 - 9.0	11.0	1.5	3.0	1000
497530	6.1	0.5 - 5.0	13.0	1.5	3.5	1000
497531	6.1	5.0 - 9.0	13.0	1.5	3.5	1000

## Folding Leg Rivets

SR 2310

RFL

UL94 V2 Nylon 6/6, RMS-01



Part Number	Color	Dimensions (mm)				Total Panel Thickness	Mounting Hole Ø	Standard Pack Quantity
		"A"	"B"	"C"	"D"			
Natural	Black							
RFL-1	RFL-1BK	3	8.1	2.7	7.4	2.85 - 3.85	5.5	1000
RFL-2	RFL-2BK	3.7	8.8	3.3	8.1	3.55 - 4.55	5.5	1000

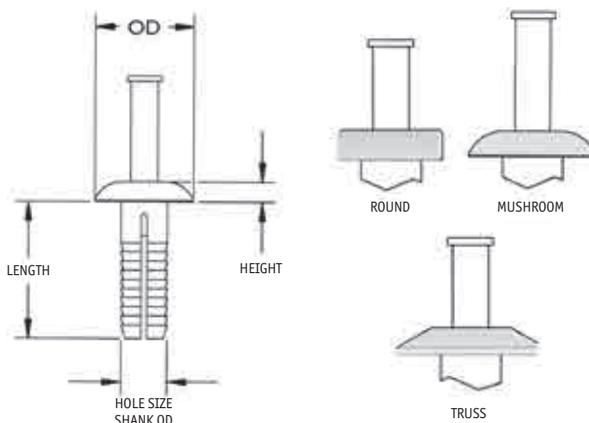
# RIVETS AND PANEL FASTENERS

## Anchor Rivets

SR K-0010

Body: Modified PA, Pin: Zinc Plated Steel

- Two piece anchor rivets are versatile, inexpensive and vibration resistant blind fasteners
- Quick and easy to install
- High strength
- Develops high pull-out force
- Thermal and electrical insulating
- Corrosion resistant



Part Number	Dimensions (mm)					Standard Pack Quantity
	Head Style	Hole Size	Length	OD	Height	
61ASM18075	Mushroom	4.76	19.05	14.28	2.79	1000
61ASM18100	Mushroom	4.76	25.4	14.28	2.79	1000
61ASM25075	Mushroom	6.35	19.05	14.28	2.79	1000
61ASM25100	Mushroom	6.35	25.4	14.28	2.79	1000
61ASM25150	Mushroom	6.35	38.1	14.28	2.79	1000
61ASR18075	Round	4.76	19.05	11.11	3.18	1000
61ASR18100	Round	4.76	25.4	11.11	3.18	1000
61ASR25075	Round	6.35	19.05	11.11	3.18	1000
61ASR25100	Round	6.35	25.4	11.11	3.18	1000
61ASR25150	Round	6.35	38.1	11.11	3.18	1000
61AST18075	Truss	4.76	19.05	15.88	2.79	1000
61AST18100	Truss	4.76	25.4	15.88	2.79	1000
61AST25075	Truss	6.35	19.05	15.88	2.79	1000
61AST25100	Truss	6.35	25.4	15.88	2.79	1000
61AST25150	Truss	6.35	38.1	15.88	2.79	1000

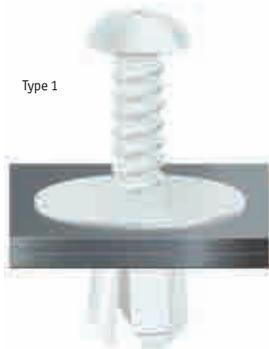
## Screw Rivets

SR 1962

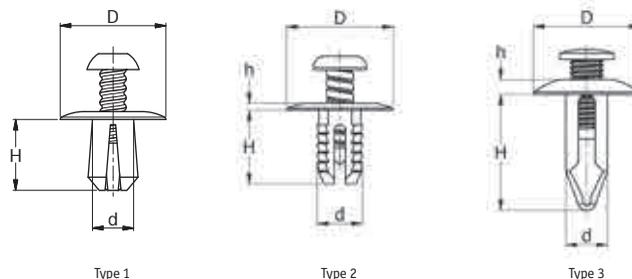
Nylon 6.6

Type 1

Type 2



Type 3



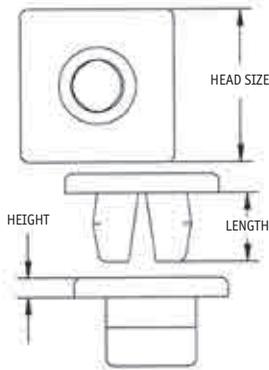
Part Number	Colour	Dimensions (mm)				Panel Thickness Range	Type	Standard Pack Quantity
		D	d	H	h			
USR-1131	Black	12.0	5.0	11.0	3.9	1.5-6.0	1	1000
113000169902	Black	12.0	5.0	11.0	1.5	4.0-7.0	1	250
113105000002	Natural	12.5	5.0	9.6	1.2	2.0-7.0	1	250
113105059902	Black	12.5	5.0	9.6	1.2	2.0-7.0	1	250
113106000002	Natural	15.0	6.0	10.7	1.3	2.0-8.0	1	250
113106059902	Black	15.0	6.0	10.7	1.3	2.0-8.0	1	250
USR-1132	Black	16.0	6.0	11.0	3.9	1.5-6.0	1	1000
113000269902	Black	16.0	6.0	11.0	1.5	4.0-7.0	1	250
USR-64125	Black	15.1	6.4	12.7	3.0	3.2-4.4	1	500
113107000002	Natural	17.5	7.0	12.1	1.4	3.0-9.0	1	250
113107059902	Black	17.5	7.0	12.1	1.4	3.0-9.0	1	250
113108000002	Natural	20.0	8.0	13.5	1.5	3.0-10.0	1	250
113108059902	Black	20.0	8.0	13.5	1.5	3.0-10.0	1	250
113000369902	Black	20.0	8.0	14.0	1.5	3.0-10.0	2	250
USR-1133	Black	20.0	8.0	14.0	4.0	3.0-10.0	2	1000
USR-1	Black	20.0	8.0	22.0	3.6	7.0-8.0	3	1000

## Square Head Grommet Nuts

SR K-0011

Natural PA 6.6

- Low cost, positive connection of thin gauge materials
- Eliminates cross threading
- Snaps into pre-punched holes



Part Number	Dimensions (mm)						Standard Pack Quantity
	Hole Size	Panel Thickness	Screw Size	Head Size	Height	Length	
60SGN00001	6.99-7.37	0.79-3.18	8-10	9.53	0.79	8.13	1000
60SGN00002	6.99-7.37	0.79-3.18	8-10	9.53	1.57	8.13	500
60SGN00003	6.99-7.37	0.79-3.18	8-10	9.53	3.18	8.13	1000
60SGN00004	6.99-7.37	0.79-3.18	8-10	9.53	6.35	8.13	500
60SGN00006	6.35-6.61	0.79-2.92	6	11.05	2.39	5.59	1000
60SGN00007	6.86-6.86	1.57-6.99	6	9.53-12.70	0.79	11.05	1000
60SGN00015	9.40-9.65	0.79-3.96	10	15.87	1.98	8.25	1000
60SGN00912	5.71-6.48	0.79-3.18	8	9.53	4.75	7.62	1000
60SGN00913	6.35-6.35	0.79-1.52	8-10	10.31	0.76	7.14	1000
60SGN00915	6.22-6.48	0.79-3.18	6-8	9.53	0.79	7.14	1000
60SGN01000	6.35-6.48	2.79-3.18	6	9.53	0.79	6.73	1000
60SGN01012	4.39-4.52	0.79-1.98	4	5.54	6.35	5.54	1000
60SGN01014	6.35-6.86	1.57-3.94	6	9.53	0.81	7.92	1000
60SGN01016	7.24-7.49	1.98-4.45	8	9.65	1.14	8.65	1000
60SGN01020	6.99-7.11	1.02-1.14	8-10	9.4	0.81	8.38	1000
60SGN01122	8.89-9.02	5.54-5.84	8-10	12.07	1.63	10.69	1000
60SGN01125	9.40-9.91	1.57-4.75	10	15.47	2.16	7.37	500
60SGN01126	7.75-8.00	0.79-4.44	8	11.94	1.52	7.62	500
60SGN01130	9.40-9.52	0.79-2.54	12	15.75	2.03	6.98	1000
60SGN01135	4.39-4.52	0.79-1.98	4	5.54	1.27	5.54	1000
60SGN01145	6.85-7.87	0.79-4.32	8	10.29	1.57	7.92	1000
60SGN01150	7.87-7.87	0.79-4.32	10	11.81	1.57	7.49	500
60SGN01154	8.12-8.12	0.79-3.93	10	16.51	1.83	7.74	500
60SGN01155	6.22-6.35	1.19-2.41	2	9.52	0.81	6.07	1000
60SGN01160	8.52-8.64	1.58-3.17	8	12.96	1.9	8	1000
60SGN01165	6.86-6.86	1.58-3.17	6	9.9	1.27	6.99	1000
60SGN01170	6.90-7.24	0.79-3.17	4	9.53	1.27	5.54	1000
60SGN00914	6.86-6.99	0.79-2.77	6	9.53	7.75	7.14	1000
60SGN01171	5.08-6.86	0.81-3.96	6	7.93-11.1	0.89	7.93	1000
60SGN01175	6.99-7.11	1.60-3.05	6	9.9	1.4	7.14	1000
60SGN01176	6.61-6.86	2.36-4.75	6	10.41	1.02	7.87	1000
60SGN01177	6.99-6.99	4.76-6.35	4	9.53	0.89	9.92	1000
60SGN01178	6.99-6.99	1.19-4.57	8	9.53	0.81	8.31	1000
60SGN01179	9.40-11.30	1.19-4.57	1/4	15.88	2.04	7.14	1000
60SGN01180	9.40-9.50	1.60-3.05	1/4	15.9	2.04	7.14	500
60SGN01182	9.40-9.50	3.17-6.35	1/4	15.87	2.04	10.31	500
60SGN01185	8.08-8.51	0.81-5.94	10	11.94	1.4	10.67	500
60SGN01190	8.51-8.76	1.58-4.35	10	11.88	2.42	10.16	1000
60SGN01195	8.38-9.28	0.81-2.41	10	12.52	2.39	7.5	500
60SGN01200	6.35-6.61	1.58-3.18	6	9.53	3.56	6.73	1000
60SGN03400	7.92-8.25	4.34	10	11.98	1.49	7.49	1000

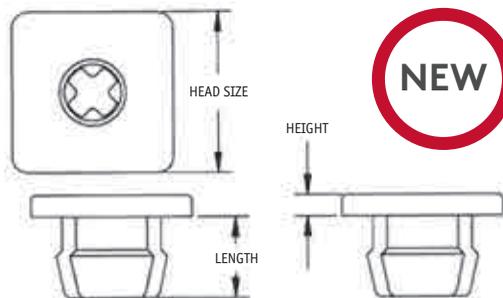
# RIVETS AND PANEL FASTENERS

## Double Split Square Grommet Nuts

SR K-0012

Natural PA 6.6

- Low cost, positive connection of thin gauge materials
- Eliminates cross threading
- Snaps into pre-punched holes



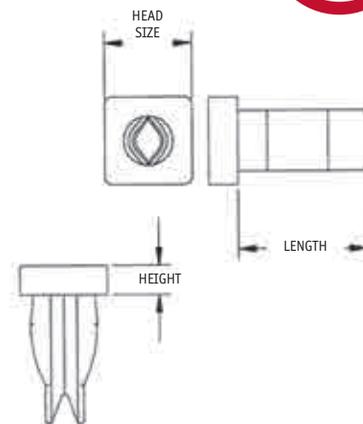
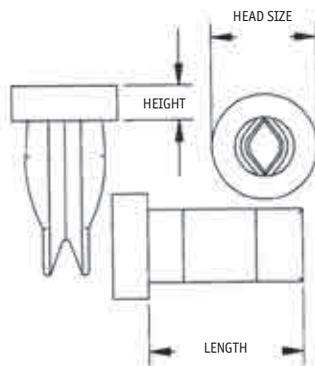
Part Number	Dimensions (mm)						Standard Pack Quantity
	Hole Size	Panel Thickness	Screw Size	Head Size	Height	Length	
60SGN01010	9.58-9.7	3.18-3.30	10	15.48	2.08	7.82	500
60SGN01015	5.79-5.92	6.35-6.88	8	9.53	0.79	10.31	1000
60SGN01018	7.87-8.0	2.79-2.92	8	11.1	1.98	7.14	500
60SGN01019	7.75-7.87	3.18-3.43	8	11.1	1.57	7.14	500
60SGN01021	9.53-9.91	5.48	1/4	15.88	2.03	11.13	1000
60SGN01025	6.35	0.91-6.99	8	9.53	1.19	10.67	500
60SGN01128	8.38	0.79-3.18	8	12.83	0.81	6.98	500
60SGN01030	7.7	0.79-3.68	8-10	11.05	1.57	6.86	1000
60SGN01181	10.42	0.79-1.58	1/4	16.0	3.56	7.12	500

## Closed Screw Grommet Nuts

SR K-0013

Natural PA 6.6

- Low cost, positive connection of thin gauge materials
- Eliminates cross threading
- Snaps into pre-punched holes



Part Number	Dimensions (mm)							Standard Pack Quantity
	Head Style	Hole Size	Panel Thickness	Screw Size	Head Size	Height	Length	
60SGC00001	Square	6.86-7.37	0.51-3.56	8-10	9.53	0.79	13.7	1000
60SGC00002	Square	6.86-7.37	0.51-3.56	8-10	9.53	1.57	13.7	1000
60SGC00003	Square	6.86-7.37	0.51-3.56	8-10	9.53	3.18	13.7	1000
60SGC00004	Square	6.86-7.37	0.51-3.56	8-10	9.53	6.35	13.7	500
60SGC00005	Square	7.85-8.0	0.51-3.56	8-10	11.1	0.79	13.7	1000
60SGC00006	Square	7.85-8.0	0.51-3.56	8-10	11.1	1.57	13.7	1000
60SGC00007	Square	7.85-8.0	0.51-3.56	8-10	11.1	3.18	13.7	500
60SGC00008	Square	7.85-8.0	0.51-3.56	8-10	11.1	6.35	13.7	1000
60SGC00010	Round	6.35-7.14	0.51-3.56	8-10	9.53	3.18	11.1	500
60SPG00001	Round	6.86-7.37	6.86-7.37	8-10	9.53	3.18	13.7	1000
60SPG00002	Round	6.86-7.37	6.86-7.37	8-10	9.53	4.75	13.7	1000
60SPG00003	Round	6.86-7.37	6.86-7.37	8-10	9.53	6.35	13.7	500
60SPG00004	Round	6.86-7.37	6.86-7.37	8-10	9.53	7.92	13.7	1000
60SPG00005	Round	6.86-7.37	6.86-7.37	8-10	9.53	9.53	13.7	1000
60SPG00006	Round	6.86-7.37	6.86-7.37	8-10	9.53	12.7	13.7	1000

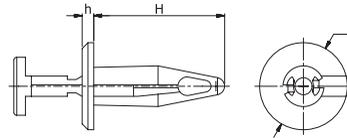
## Push Lock Rivets

SR 1912

Black Nylon 6

- Quick and easy to install
- Closed end feature acts as a self-aligning mechanism
- Double locking construction prevents the pin from disengaging during shipment or assembly

Part Number	Dimensions (mm)					Standard Pack Quantity
	Hole Size	Panel Range	D	h	H	
495201	5.0	1.5 - 4.6	7.2	1.0	11.4	1000
495202	6.3	4.0 - 7.6	18.0	2.5	17.3	1000
495203	6.3	2.5 - 8.9	25.4	2.5	22.5	1000
495204	6.3	2.5 - 8.9	15.0	2.7	18.5	1000
495205	6.3	1.5 - 7.6	17.4	2.0	20.4	1000
495206	6.5	2.5 - 8.9	15.0	2.0	22.4	1000
495207	7.0	12.0 - 15.0	25.4	2.5	27.0	1000
495208	7.0	9.0 - 13.0	18.0	2.5	23.0	1000
495209	8.0	3.0 - 8.0	20.0	2.7	21.0	1000
495210	8.0	3.0 - 8.0	15.0	2.6	22.0	1000
495211	8.0	4.0 - 8.0	18.0	2.9	23.0	1000
495212	8.0	12.0 - 16.0	15.0	3.0	29.0	1000
495213	9.0	3.0 - 7.0	16.0	2.6	20.0	1000
495214	9.5	0.9 - 4.8	25.0	2.4	25.2	1000
495215	9.5	3.5 - 7.0	17.9	2.5	23.0	1000
495216	10.0	6.0 - 10.0	20.0	3.7	26.7	1000
495217	11.5	29.0 - 31.0	30.0	2.5	50.0	1000



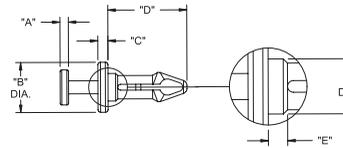
## Mini Tough Snap Rivets

SR 2311

TRM

Black UL94 V2 Heat Stabilized Nylon 6/6, RMS-47

Part Number	Hole Ø	Panel Thickness	Dimensions (mm)						Standard Pack Quantity
			"A"	"B" Ø	"C"	"D"	"E" Ref.	"F" Ref.	
TRM-1	2.5 - 2.6	4.1 - 4.6	1	4.8	1.5	8.8	-	-	1000
TRM-2	2.7 - 2.8	2 - 2.7	1.3	5.5	1.5	7.6	-	-	1000
TRM-3	3.1 - 3.3	2.7 - 3.3	1.3	5.5	1.5	8.1	-	-	1000
TRM-4	3.1 - 3.3	3.3 - 3.9	1.3	5.5	1.5	7.6	-	-	1000
TRM-5	3.1 - 3.3	3.9 - 4.6	1.3	5.5	1.5	9.4	-	-	1000
TRM-6	3.1 - 3.3	6.1 - 6.7	1.3	5.5	1.5	11.6	-	-	1000
TRM-7	3.7 - 3.9	6.7 - 7.4	1.3	7.6	1.5	11.9	1.1	4.2	1000

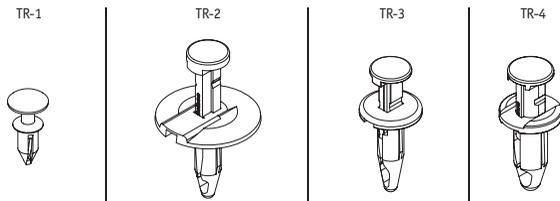


## Tough Snap Rivets

SR 2312

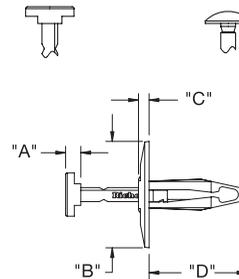
TR

Black UL94 HB Impact Modified Nylon 6/6, RMS-73



Part Number	Hole Ø	Panel Thickness	Dimensions (mm)				No. of Legs	Pin Head Style	Standard Pack Quantity
			"A"	"B" Ø	"C"	"D"			
TR-1	4.9 - 5.2	1.5 - 4.6	2.5	7.2	1.1	11.3	3	B	1000
TR-2	6.3 - 7	2.5 - 8.9	3.6	25	2.5	22.8	2	A	1000
TR-3	6.4 - 7	2.5 - 8	2.8	14.9	2	22.8	2	A	1000
TR-4	8 - 8.3	3 - 8	2.3	14.9	2.7	21.1	2	A	1000

Pin Style A      Pin Style B



# RIVETS AND PANEL FASTENERS

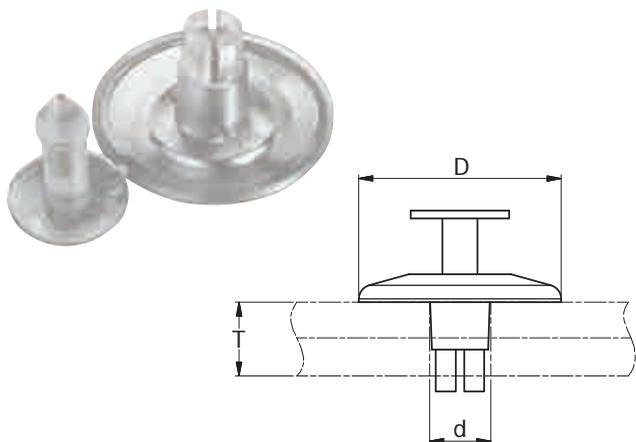
## Spread Rivets

SR1873

Clear - K Resin

Black & White - Polypropylene

- Fixing rivet for multiple panels
- Available in Clear, White or Black



Part Number	Dimensions (mm)			Colour	Standard Pack Quantity
	D	Hole Diameter (d)	Panel Thickness (T)		
601795	28.8	8.0	14.0	Clear	250
601796	28.8	8.0	14.0	White	250
601797	28.8	8.0	14.0	Black	250
601798	28.8	8.0	21.0	Clear	250
601799	28.8	8.0	21.0	White	250
601800	28.8	8.0	21.0	Black	250

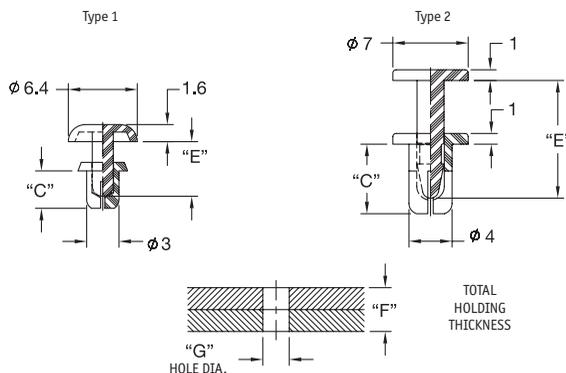
## Snap Rivet "P" Type

SR 2313

SRP

Black UL94 HB Polysulfone, RMS-51

- Withstands temperatures up to 155°C

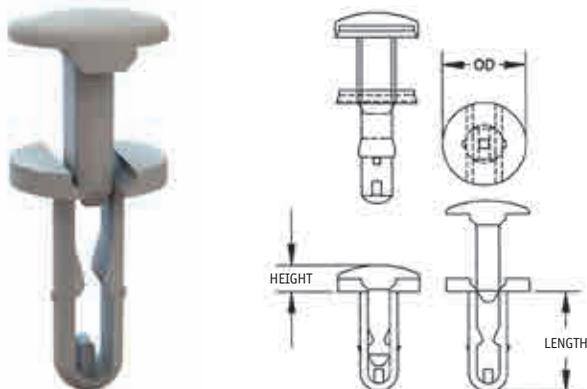


Part Number	Hole $\phi$ "G"	Total Holding Thickness "E"	"C"	"E"	Type	Standard Pack Quantity
SRP-3045	3.1 - 3.2	1.5 - 2.5	4.5	6.1	1	1000
SRP-3055	3.1 - 3.2	2.5 - 3.5	5.5	6.1	1	1000
SRP-4065	4 - 4.2	3.5 - 4.5	6.5	11	2	1000

## Panel Cincing Rivets

SR K-0014

Natural PA 6.6



- Two piece fastener, quick and easy to install
- Secure fixing
- Removable



Part Number	Dimensions (mm)					Standard Pack Quantity
	OD	Hole Size	Panel Thickness	Length	Height	
27CINCH01	6.35	3.18	0.51-2.77	9.07	2.03	1000
27CINCH02	9.53	4.75	0.51-4.42	11.08	3.38	1000
27CINCH03	9.53	6.35	0.51-2.77	12.07	2.92	500
27CINCH04	15.88	6.35	0.51-4.42	14.1	2.97	1000

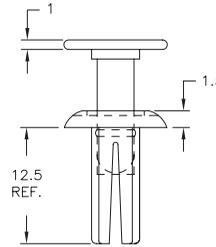
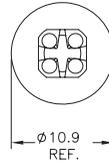
## Push Rivet

SR 2314

PPR-10

Natural Nylon, UL94 V2 , RMS-120

- Suitable for 6.4 round mounting hole option
- Suitable for 5.6 square mounting hole option

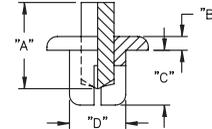
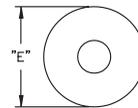


Part Number	Total Holding Thickness	Standard Pack Quantity
PPR-10	3.56-5.08	1000

## Push Rivet Blunt

SR 2315

PPR



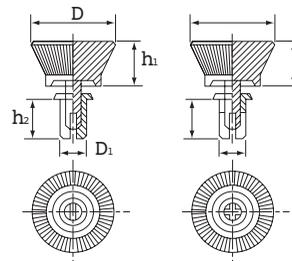
Colour: Black	Colour: White	Ø Hole	Total Holding Thickness	Dimensions (mm)					Material	Standard Pack Quantity
				"A"	"B"	"C"	Ø "D"	Ø "E"		
PPR-3055B	PPR-3055W	3.1	3 - 4	8.9	2	5.6	3	5.8	UL94 V2 Nylon6. RMS-52	1000
PPR-4050B	PPR-4050W	4.1	2.5 - 3.5	9.2	2.2	5	4	8	UL94 V2 Nylon6. RMS-52	1000
PPR-4850B	PPR-4850W	4.8	1.2 - 3	10.4	3.3	5.1	4.8	9.9	UL94 V2 Nylon6. RMS-52	1000
PPR-5060B	PPR-5060W	5.1	3 - 4	9.4	2.8	6.1	5	9.4	UL94 V2 Nylon6. RMS-52	1000
PPR-5070B	PPR-5070W	5.1	4 - 5	11.4	2.8	7.1	5	9.4	UL94 V2 Nylon6. RMS-52	1000
PPR-5080B	PPR-5080W	5.1	5 - 6	11.4	2.8	8.1	5	9.4	UL94 V2 Nylon6. RMS-52	1000
PPR-6060B	PPR-6060W	6.1	2.5 - 4	9.4	1.5	6.1	6	10.9	Polyethylene. RMS-142	1000

## Releasable Rivets

SR 1994

Plunger: Nylon 6

- Easy application and release mechanism
- Ideal for applications requiring regular maintenance



Part Number		Dimensions (mm)					Panel Thickness (T)	Standard Pack Quantity
Black	White	D	h1	D1	h2			
SRT-3035B	SRT-3035W	10.0	8.0	3.0	3.5	1.0-2.0	1000	
-	SRT-3045W	10.0	8.0	3.0	4.5	2.0-3.0	1000	
-	552064	10.0	8.0	3.0	5.5	3.0-4.0	1000	
SRT-3570B	-	10.0	8.0	3.5	7.0	3.8-5.2	1000	
SR-4050B	552055	12.0	8.0	4.0	5.0	2.5-3.5	1000	
552054	-	12.0	8.0	4.0	6.0	3.5-4.5	1000	
-	SRT-4080W	12.0	8.0	4.0	8.0	5.5-6.5	1000	
SRT-4100B	-	12.0	8.0	4.0	10.0	7.5-8.5	1000	

# RIVETS AND PANEL FASTENERS

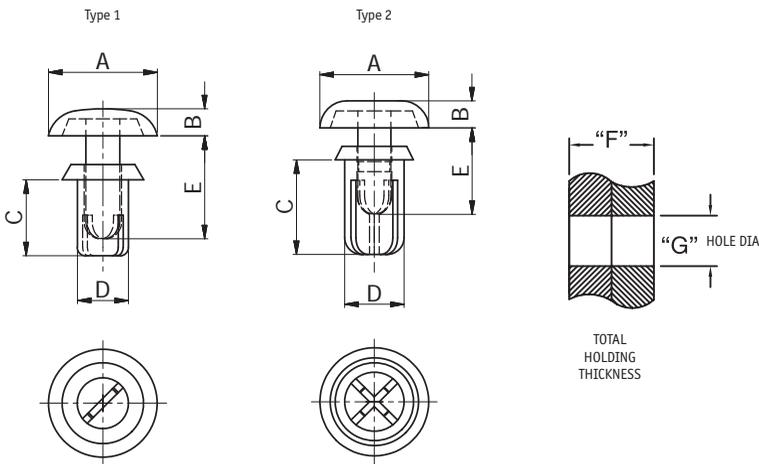
## Snap Rivets

SR 2316

SR/SRVO

Material: UL94 V2 Nylon 6, RMS-52

Material: UL94 V0 Nylon 6/66, RMS-103

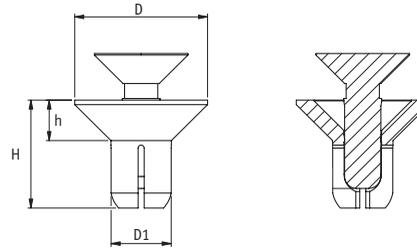


Part Number			Hole Ø "G"	Extraction Force kg Typ.	Total Holding Thickness "F"	Dimensions (mm)					Standard Pack Quantity	
UL94 V2 Nylon 6	UL94 V0 Nylon 6/66					"A" Ø	"B"	"C"	"D" Ø	"E"		Type
Black	White	Black										
SR-2024B	SR-2024W	SRVO-2024B	2.1 - 2.2	3	0.6 - 1.2	4.2	1.2	2.4	2	2.8	1	1000
SR-2032B	SR-2032W	SRVO-2032B	2.1 - 2.2	3	1.3 - 2	4.2	1.2	3.2	2	3.8	1	1000
SR-2040B	SR-2040W	SRVO-2040B	2.1 - 2.2	3	2.1 - 2.8	4.2	1.2	4	2	5.5	1	1000
SR-2048B	SR-2048W	SRVO-2048B	2.1 - 2.2	3	2.9 - 3.6	4.2	1.2	4.8	2	5.5	1	1000
SR-2056B	SR-2056W	SRVO-2056B	2.1 - 2.2	3	3.7 - 4.4	4.2	1.2	5.6	2	7.2	1	1000
SR-2064B	SR-2064W	SRVO-2064B	2.1 - 2.2	3	4.4 - 5	4.2	1.2	6.4	2	7.1	1	1000
SR-2632B	SR-2632W	SRVO-2632B	2.7 - 2.8	5	1 - 2	5	1.4	3.2	2.6	4.5	1	1000
SR-2642B	SR-2642W	SRVO-2642B	2.7 - 2.8	5	2 - 3	5	1.4	4.2	2.6	4.5	1	1000
SR-2648B	SR-2648W	SRVO-2648B	2.7 - 2.8	5	2.7 - 3.6	5	1.4	4.8	2.6	6.1	1	1000
SR-2655B	SR-2655W	SRVO-2655B	2.7 - 2.8	5	3.4 - 4.3	5	1.4	5.6	2.6	6.1	1	1000
SR-2664B	SR-2664W	SRVO-2664B	2.7 - 2.8	5	4.3 - 5.2	5	1.4	6.4	2.6	7.8	1	1000
SR-2672B	SR-2672W	SRVO-2672B	2.7 - 2.8	5	5.1 - 6	5	1.4	7.2	2.6	7.8	1	1000
SR-3035B	SR-3035W	SRVO-3035B	3.1 - 3.2	8	1 - 2	6.4	1.6	3.5	3	5.1	1	1000
SR-3045B	SR-3045W	SRVO-3045B	3.1 - 3.2	8	2 - 3	6.4	1.6	4.5	3	6.1	1	1000
SR-3055B	SR-3055W	SRVO-3055B	3.1 - 3.2	8	3 - 4	6.4	1.6	5.6	3	6.1	1	1000
SR-3065B	SR-3065W	SRVO-3065B	3.1 - 3.2	8	4 - 5	6.4	1.6	6.5	3	7.1	1	1000
SR-3075B	SR-3075W	SRVO-3075B	3.1 - 3.2	8	5 - 6	6.4	1.6	7.5	3	9	1	1000
SR-3080B	SR-3080W	SRVO-3080B	3.1 - 3.2	8	5.5 - 6.5	6.4	1.6	8	3	9	1	1000
SR-3090B	SR-3090W	SRVO-3090B	3.1 - 3.2	8	6.5 - 7.5	6.4	1.6	9	3	11	1	1000
SR-3100B	SR-3100W	SRVO-3100B	3.1 - 3.2	8	7.5 - 8.5	6.4	1.6	10	3	11	1	1000
SR-3535B	SR-3535W	SRVO-3535B	3.6 - 3.7	12	1.2 - 2.1	6.4	1.6	3.5	3.5	5.1	2	1000
SR-3545B	SR-3545W	SRVO-3545B	3.6 - 3.7	12	2.1 - 3	6.4	1.6	4.5	3.5	6.1	2	1000
SR-3550B	SR-3550W	SRVO-3550B	3.6 - 3.7	12	2.7 - 3.6	6.4	1.6	5	3.5	6.1	2	1000
SR-3555B	SR-3555W	SRVO-3555B	3.6 - 3.7	12	3 - 4	6.4	1.6	5.6	3.5	7.1	2	1000
SR-3560B	SR-3560W	SRVO-3560B	3.6 - 3.7	12	3.7 - 4.6	6.4	1.6	6	3.5	7.1	2	1000
SR-3570B	SR-3570W	SRVO-3570B	3.6 - 3.7	12	4.5 - 5.5	6.4	1.6	7.2	3.5	9	2	1000
SR-3580B	SR-3580W	SRVO-3580B	3.6 - 3.7	12	5.5 - 6.5	6.4	1.6	8	3.5	9.1	2	1000
SR-4050B	SR-4050W	SRVO-4050B	4.1 - 4.2	20	2.5 - 3.5	8	1.8	5	4	7.1	2	1000
SR-4060B	SR-4060W	SRVO-4060B	4.1 - 4.2	20	3.5 - 4.5	8	1.8	6	4	7.1	2	1000
SR-4070B	SR-4070W	SRVO-4070B	4.1 - 4.2	20	4.5 - 5.5	8	1.8	7.2	4	9	2	1000
SR-4080B	SR-4080W	SRVO-4080B	4.1 - 4.2	20	5.5 - 6.5	8	1.8	8	4	9	2	1000
SR-4090B	SR-4090W	SRVO-4090B	4.1 - 4.2	20	6.5 - 7.5	8	1.8	9	4	11	2	1000
SR-4100B	SR-4100W	SRVO-4100B	4.1 - 4.2	20	7.5 - 8.5	8	1.8	10	4	11	2	1000
SR-4120B	SR-4120W	SRVO-4120B	4.1 - 4.2	20	9 - 10.5	8	1.8	12	4	14	2	1000
SR-5045B	SR-5045W	SRVO-5045B	5.1 - 5.2	25	1.5 - 2.5	9	2.2	4.5	5	6.5	2	1000
SR-5055B	SR-5055W	SRVO-5055B	5.1 - 5.2	25	2.5 - 3.5	9	2.2	5.6	5	6.5	2	1000
SR-5065B	SR-5065W	SRVO-5065B	5.1 - 5.2	25	3.5 - 4.5	9	2.2	6.5	5	8.5	2	1000
SR-5075B	SR-5075W	SRVO-5075B	5.1 - 5.2	25	4.5 - 5.5	9	2.2	7.5	5	8.5	2	1000
SR-5085B	SR-5085W	SRVO-5085B	5.1 - 5.2	25	5.5 - 6.5	9	2.2	8.5	5	10.5	2	1000
SR-5095B	SR-5095W	SRVO-5095B	5.1 - 5.2	25	6.5 - 7.5	9	2.2	9.5	5	10.5	2	1000
SR-5105B	SR-5105W	SRVO-5105B	5.1 - 5.2	25	7.5 - 8.5	9	2.2	10.5	5	12	2	1000
SR-6060B	SR-6060W	SRVO-6060B	6.1 - 6.2	30	2.5 - 4	12	2.5	6	6	9	2	1000
SR-6080B	SR-6080W	SRVO-6080B	6.1 - 6.2	30	3.5 - 5.5	12	3	8	6	10	2	1000

## Countersunk Snap Rivets

### SR 1811

- Snap-Fit fastener
- Ideal for flush fit



Part Number		Dimensions (mm)				Panel Thickness	Standard Pack Quantity
Black	White	D	h	H	D1		
SRCS-4060B	SRCS-4060W	8.8	2.7	6.0	4.0	3.5 - 4.5	1000
SRCS-4070B	SRCS-4070W	8.8	2.7	7.2	4.0	4.5 - 5.5	1000
SRCS-4080B	SRCS-4080W	8.8	2.7	8.0	4.0	5.5 - 6.5	1000
SRCS-4090B	SRCS-4090W	8.8	2.7	9.0	4.0	6.5 - 7.5	1000
SRCS-4100B	SRCS-4100W	8.8	2.7	10.0	4.0	7.5 - 8.5	1000
SRCS-5065B	SRCS-5065W	9.8	2.7	6.5	5.0	3.5 - 4.5	1000

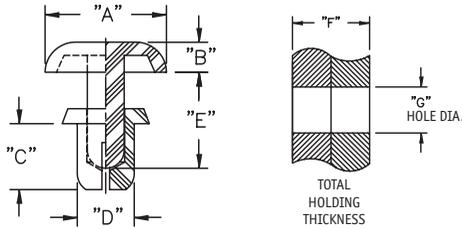
## Snap Rivet Heat Resistant

### SR 2317

### SRHR

### Tan UL94 V2 Nylon 4/6, RMS-109

- Withstands temperatures up to 130°C



Part Number	Hole $\varnothing$ "G"	Total Holding Thickness "E"	Dimensions (mm)					Standard Pack Quantity
			"A" $\varnothing$	"B"	"C"	"D" $\varnothing$	"E"	
SRHR-3035	3.1 - 3.2	1.0 - 2.0	6.4	1.6	3.5	3.0	5.1	1000
SRHR-3045	3.1 - 3.2	2.0 - 3.0	6.4	1.6	4.5	3.0	6.1	1000
SRHR-3055	3.1 - 3.2	3.0 - 4.0	6.4	1.6	5.6	3.0	6.1	1000
SRHR-3065	3.1 - 3.2	4.0 - 5.0	6.4	1.6	6.5	3.0	7.1	1000
SRHR-3080	3.1 - 3.2	5.0 - 6.5	6.4	1.6	8.0	3.0	9.0	1000
SRHR-3535	3.6 - 3.7	1.2 - 2.1	6.4	1.6	3.5	3.5	5.1	1000
SRHR-3545	3.6 - 3.7	2.2 - 3.1	6.4	1.6	4.5	3.5	6.1	1000
SRHR-3555	3.6 - 3.7	3.0 - 4.0	6.4	1.6	5.6	3.5	7.1	1000
SRHR-4050	4.1 - 4.2	2.5 - 3.5	8.0	1.8	5.0	4.0	7.1	1000
SRHR-4060	4.1 - 4.2	3.5 - 4.5	8.0	1.8	6.0	4.0	7.1	1000
SRHR-4070	4.1 - 4.2	4.5 - 5.5	8.0	1.8	7.2	4.0	9.0	1000
SRHR-4080	4.1 - 4.2	5.5 - 6.5	8.0	1.8	8.0	4.0	9.0	1000
SRHR-4100	4.1 - 4.2	7.5 - 8.5	8.0	1.8	10	4.0	11.0	1000

## Snap Latch

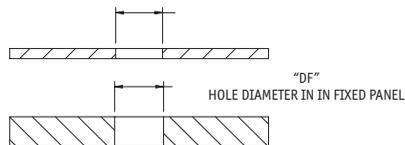
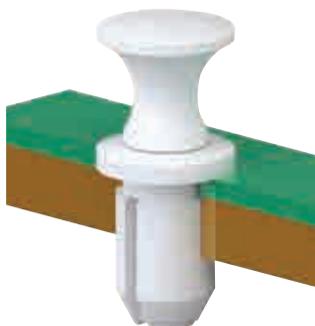
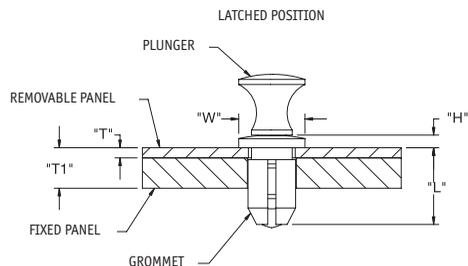
SR 2318

SLG/SLPL/SLPB

Material: Plunger; UL94V2 Nylon 6, RMS-120

Grommet; UL94 V2 Polycarbonate, RMS-72

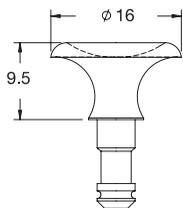
- To install, push the grommet into the removable panel and then the desired plunger into the grommet. When the panel and plunger are pushed into the fixed panel, it locks them together
- Simply pull on the plunger to remove the non-fixed panel
- Grommet and mating plunger are sold separately



### Mating Plunger Styles

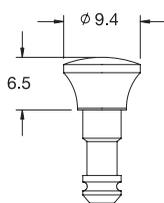
SLPL-1L ~ SLPL-2L

Easy Grip



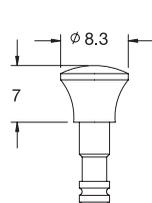
SLPB-1L ~ SLPB-2L

Mini Grip



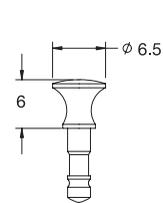
SLPB-1M ~ SLPB-3M

Mini Grip



SLPB-1S ~ SLPB-2S

Mini Grip



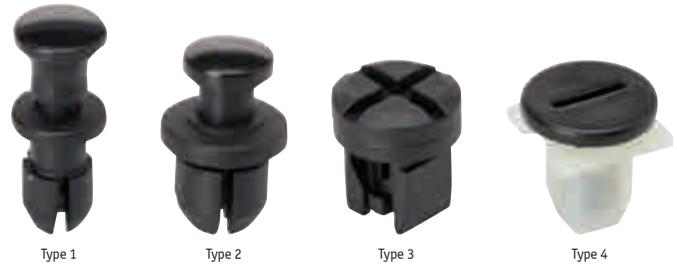
Part Number	Colour	"W"	"H"	"L" Ref.	Removable Panel Thickness "T" Max.	Total Panel Thickness "T1" Min. - Max.	Removable Panel Hole Ø Range "DR"	Fixed Panel Hole Ø Range "DF"	Mating Plunger Part Number	Alternate Mating Plunger Part Number	Standard Pack Quantity
SLG-1L-B	Black	10.8	2.0	9.0	1.6	2.0 - 4.2	7.5 - 7.7	8.0 - 8.2	SLPB-1L-B	SLPL-1L-B	1000
SLG-2L-B	Black	10.8	2.0	10.0	2.5	3.0 - 5.2	7.5 - 7.7	8.0 - 8.2	SLPB-2L-B	SLPL-2L-B	1000
SLG-1M-B	Black	8.5	1.8	8.0	1.1	1.5 - 3.7	5.95 - 6.1	6.35 - 6.5	SLPB-1M-B	-	1000
SLG-2M-B	Black	8.5	1.8	8.5	1.6	2.0 - 4.2	5.95 - 6.1	6.35 - 6.5	SLPB-2M-B	-	1000
SLG-3M-B	Black	8.5	1.8	9.5	2.5	3.0 - 5.2	5.95 - 6.1	6.35 - 6.5	SLPB-3M-B	-	1000
SLG-1S-B	Black	6.5	1.2	7.6	1.0	2.0 - 4.0	4.5 - 4.6	4.7 - 4.8	SLPB-1S-B	-	1000
SLG-2S-B	Black	6.5	1.2	8.1	1.5	2.5 - 4.5	4.5 - 4.6	4.7 - 4.8	SLPB-2S-B	-	1000
SLG-1L-W	White	10.8	2.0	9.0	1.6	2.0 - 4.2	7.5 - 7.7	8.0 - 8.2	SLPB-1L-W	SLPL-1L-W	1000
SLG-2L-W	White	10.8	2.0	10.0	2.5	3.0 - 5.2	7.5 - 7.7	8.0 - 8.2	SLPB-2L-W	SLPL-2L-W	1000
SLG-1M-W	White	8.5	1.8	8.0	1.1	1.5 - 3.7	5.95 - 6.1	6.35 - 6.5	SLPB-1M-W	-	1000
SLG-2M-W	White	8.5	1.8	8.5	1.6	2.0 - 4.2	5.95 - 6.1	6.35 - 6.5	SLPB-2M-W	-	1000
SLG-3M-W	White	8.5	1.8	9.5	2.5	3.0 - 5.2	5.95 - 6.1	6.35 - 6.5	SLPB-3M-W	-	1000
SLG-1S-W	White	6.5	1.2	7.6	1.0	2.0 - 4.0	4.5 - 4.6	4.7 - 4.8	SLPB-1S-W	-	1000
SLG-2S-W	White	6.5	1.2	8.1	1.5	2.5 - 4.5	4.5 - 4.6	4.7 - 4.8	SLPB-2S-W	-	1000

## Quarter Turn and Snap Latches

SR 6270

Polyamide

- Ideal access panel fasteners
- Snaps or quarter turn locks into position
- Wide range of panel depths and mounting hole sizes
- Permanent mounting solution



Part Number	Mounting Style	Dimensions (mm)					Removable Panel		Fixed Panel		Standard Pack Quantity
		Type	Plunger Diameter	Closed Height	Grommet Head Diameter	Grommet Depth	Thickness	Hole Diameter	Thickness	Hole Diameter	
551660	Snap in Latch-Standard Panel	1	8.0	8.0	8.5	11.0	3.5-4.1	6.2	<6	6.4	1000
551661	Snap in Latch-Standard Panel	2	7.0	4.0	8.5	12.0	3.25-4.1	6.2	<6	6.4	1000
551662	Snap in Latch-Standard Panel	1	8.0	9.0	8.5	11.0	3.5-4.1	6.0	<6	6.4	1000
551663	Snap in Latch-Thin Panel	2	7.5	5.5	10.5	9.0	0.7-1.0	7.0	<4	6.0	1000
551664	Snap in Latch-Thick Panel	2	7.5	5.0	10.5	12.0	4.9-5.3	7.0	<6	7.7	1000
551665	Snap in Latch-Standard Panel	1	9.5	9.5	10.5	11.0	3.5-4.1	7.0	<6	8.0	1000

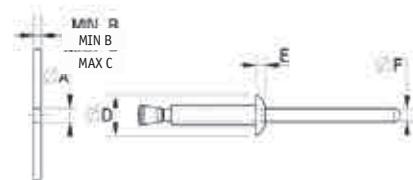
Part Number	Mounting Style	Type	Head Diameter	Grommet Head Diameter	Grommet Depth	Removable Panel	Fixed Panel	Total Panel Depth	Standard Pack Quantity
						Mounting Hole	Mounting Hole		
551666	Round Quarter Turn Latch	3	15.0	15.0	11.0	9 x 9mm	9.5 x 9.5mm	1.4-5mm	1000
551667*	Round Quarter Turn Latch	4	19.5	18.0 x 18.0	16.0	10 x 10mm	10 x 10mm	1.4-1.8mm	1000

\*Made of POM

## Clinch Rivet

SR 2016

- Made of polycarbonate (PC) and nylon-6 (PA-6)
- Colour: black, white, grey, beige
- Suitable for use with materials such as wood, metal, plastic
- Light in weight, good insulating properties and chemical resistance



Part Number				Dimensions (mm)						Standard Pack Quantity
Black	White	Grey	Beige	A	B	C	D	E	F	
CR32-1-1	CR32-1-2	1283988	1283989	3.3	1.5	3.5	6.4	1.4	2.1	100
CR32-2-1	CR32-2-2	1283990	1283991	3.3	3.5	6.5	6.4	1.4	2.1	100
CR32-3-1	CR32-3-2	-	-	3.3	6.5	9.5	6.4	1.4	2.1	100
CR40-1-1	CR40-1-2	1283994	-	4.1	1.0	3.5	8.0	1.8	2.4	100
CR40-2-1	CR40-2-2	1283996	1283997	4.1	3.5	6.0	8.0	1.8	2.4	100
CR40-3-1	CR40-3-2	1283998	-	4.1	6.0	9.0	8.0	1.8	2.4	100
CR48-1-1	CR48-1-2	1284000	-	4.9	1.5	4.5	9.6	2.0	2.8	100
CR48-2-1	CR48-2-2	1284002	171491138222	4.9	4.5	7.5	9.6	2.0	2.8	100
CR48-3-1	CR48-3-2	1284003	-	4.9	7.5	10.5	9.6	2.0	2.8	100
CR56-1-1	CR56-1-2	1285318	1285319	5.7	2.0	5.0	12.0	2.2	3.4	100
CR56-2-1	1285320	-	-	5.7	5.0	8.0	12.0	2.2	3.4	100
CR56-3-1	CR56-3-2	1285323	1285324	5.7	8.0	11.5	12.0	2.2	3.4	100

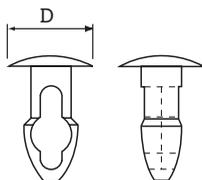
# RIVETS AND PANEL FASTENERS

## Keyhole Clips

SR 1970

Natural Nylon 6.6

- Easy finger-pressure assembly
- Good electrical insulation
- Vibration, abrasion and corrosion resistant



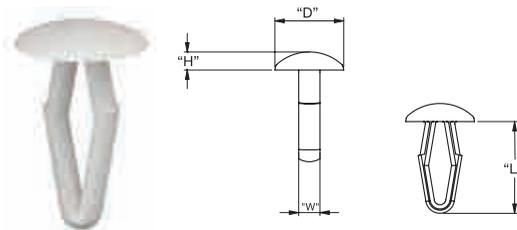
Part Number	Dimensions (mm)			Standard Pack Quantity
	Hole Diameter	Maximum Panel Thickness	D	
27KY1250093	3.18	2.36	6.35	1000
27KY1250125	3.18	3.18	6.35	1000
27KY1250156	3.18	3.96	6.35	1000
27KY1250187	3.18	4.78	6.35	1000
27KY1250219	3.18	5.56	6.35	1000
27KY1250250	3.18	6.35	6.35	1000
27KY1560093	3.96	2.36	7.94	1000
27KY1560125	3.96	3.18	7.94	1000
27KY1560156	3.96	3.96	7.94	1000
27KY1560187	3.96	4.75	7.94	1000
27KY1560218	3.96	5.54	7.94	1000
27KY1560250	3.96	6.35	7.94	1000
27KY1560343	3.96	8.71	7.94	1000
27KY1560375	3.96	9.53	7.94	1000
27KY2190093	5.56	2.36	8.73	1000
27KY2190125	5.56	3.18	8.73	1000
27KY2190156	5.56	3.96	8.73	1000
27KY2190187	5.56	4.78	8.73	1000
27KY2190219	5.56	5.56	8.73	1000
27KY2190250	5.56	6.35	8.73	1000
27KY2190312	5.56	7.92	8.73	1000
27KY2500093	6.35	2.36	12.70	1000
27KY2500125	6.35	3.18	12.70	1000
27KY2500156	6.35	3.96	12.70	1000
27KY2500187	6.35	4.75	12.70	1000
27KY2500250	6.35	6.35	12.70	1000
27KY2500281	6.35	7.14	12.70	1000
27KY2500312	6.35	7.92	12.70	1000
27KY2500343	6.35	8.71	12.70	1000
27KY2500375	6.35	9.53	12.70	500

## Drive Fastener

SR 2319

DF/DFVO

Colour: Natural

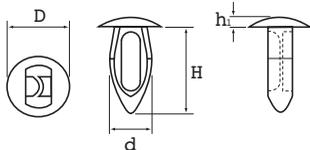


Material: UL94 HB Acetal. RMS-14A	Material: UL94 V0 Nylon 6/6. RMS-19	Hole Ø	Dimensions (mm)				Standard Pack Quantity	
			Total Holding Thickness	"D" Ø	"H"	"L" Ref.		"W" Ref.
DF-137-010	DFVO-137-010	3.2	1.0 - 4.5	8	1.5	13.0	2.7	1000
DF-137-020	DFVO-137-020	3.9	1.0 - 5.0	9	1.6	14.0	2.9	1000
DF-137-030	DFVO-137-030	4.7	1.0 - 5.5	10	1.7	15.0	3.4	1000
DF-137-031	DFVO-137-031	4.7	1.0 - 5.5	11	2.9	15.0	3.4	1000
DF-137-040	DFVO-137-040	6.4	1.5 - 6.5	12	2.0	17.0	3.9	1000
DF-137-050	DFVO-137-050	7.8	1.5 - 7.0	14	2.2	19.0	4.2	1000
DF-137-060	DFVO-137-060	5.5	6.0 - 9.0	12	2.0	17.5	3.8	1000

## Arrow Clips

SR 1969

Natural Nylon 6.6



- Good electrical insulation
- Vibration, abrasion and corrosion resistant

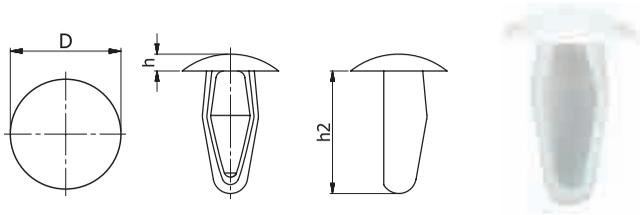
Part Number	Panel Hole Diameter (mm)	Dimensions (mm)				Standard Pack Quantity	
		Panel Thickness (mm)	D	h1	H		d
27AC0022	2.16-2.29	0.81-2.72	3.18	0.76	4.75	2.72	1000
27AC0015	3.00-3.10	1.57-3.18	7.11	1.52	9.91	3.71	1000
460389	3.02-3.43	1.58-3.18	6.86	1.01	8.38	3.56	1000
27AC0003	3.84-4.09	1.57-3.18	7.11	1.02	9.91	4.98	1000
27AC0004	3.84-4.09	1.57-3.68	7.11	2.03	10.16	4.57	1000
27AC0018	4.06-4.19	0.81-3.18	7.11	2.03	10.16	4.72	1000
460393	4.62-4.88	1.57-3.18	9.14	1.52	10.16	5.72	1000
27AC0011	4.62-4.88	4.19-4.70	9.53	1.52	13.33	5.23	1000
27AC0019	8.38-8.64	3.18-8.88	17.45	0.75	22.74	9.4	1000
27AC0023	8.51-8.76	1.57-3.56	22.0	1.27	11.43	9.22	500

## Mounting Buttons

SR 1964

Nylon 6.6

- Ideal to fasten thin gauge material, or mount lightweight components
- Suitable for front panel mounting



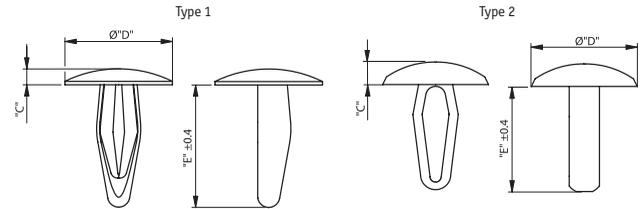
Part Number		Hole Size (mm)	Panel Thickness	Dimensions (mm)			Standard Pack Quantity
Natural	Black			D	h2	h	
091000000002	091000059902	2.8	0.8 - 3.6	7.8	12.0	1.2	500
091000100002	091000159902	3.5	2.4 - 5.8	7.6	13.0	1.1	500
091000200002	091000259902	3.5	0.9 - 4.0	10.3	11.0	2.5	500
091000300002	091000359902	3.5	0.9 - 4.0	10.3	11.0	4.8	500
091000600002	091000659902	4.8	0.8 - 4.0	9.5	11.0	1.5	500
091000400002	091000459902	5.0	1.5 - 3.5	9.5	11.0	1.6	500
091000700002	091000769902	5.0	3.0 - 6.0	13.8	14.4	2.2	250
091001000002	091001069902	5.0	0.5 - 3.0	13.5	14.4	2.6	250
091001200002	091001259902	5.8	6.0 - 8.5	15.0	18.0	3.0	250
091001100002	091001159902	6.5	3.0 - 7.0	14.0	19.0	2.5	250
091001300002	091001359902	6.6	0.8 - 5.0	12.7	14.5	1.7	250
091001500002	091001559902	7.2	2.0 - 5.5	14.3	17.0	2.0	250
091001650002	091001659902	9.4	3.0 - 9.0	20.0	24.0	2.6	250

## Mini Mounting Button

SR 2320

MMB

UL94 V2 Nylon 6/6, RMS-01



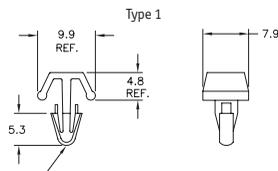
Part Number			Mounting Hole Ø	Total Holding Thickness	"C"	"D" Ø	"E"	Type	Standard Pack Quantity
Colour: Natural	Colour: Black	Colour: Natural							
MMB-125-01	MMB-125-01BK	MMB-125-19	3.10-3.22	2-2.5	1.0	6.9	8.4	1	1000
MMB-136-01	MMB-136-01BK	MMB-136-19	3.32-3.58	2.9-4	1.7	10.3	11.1	1	1000
MMB-187-01	MMB-187-01BK	MMB-187-19	4.61-4.88	2.5-4	2.2	12.7	10.9	1	1000
MMB-210-01	MMB-210-01BK	MMB-210-19	5.0-5.4	2.5-4	3.0	14.0	14.0	2	1000
MMB-250-01	MMB-250-01BK	MMB-250-19	6.27-6.42	2.5-5.6	2.2	12.7	16.3	1	1000

## Flat Head Mounting Button

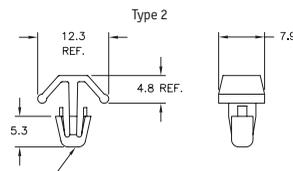
SR 2321

MB

Natural UL94 V2 Nylon 6/6, RMS-01



To Snap-Lock in a Ø4 Hole



To Snap-Lock in a Ø4.8 Hole



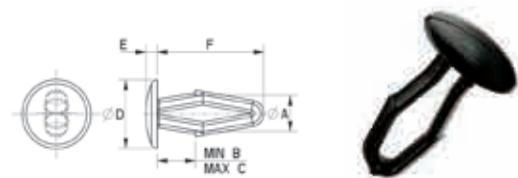
Type 1	Type 2	Total Holding Thickness	Standard Pack Quantity
MB-1-156	MB-1-187	0.8 - 2.4	1000
MB-3-156	MB-3-187	2.4 - 4	1000
MB-5-156	MB-5-187	4 - 5.6	1000
MB-7-156	-	5.6 - 7.1	1000
MB-9-156	MB-9-187	7.1 - 8.7	1000
MB-11-156	MB-11-187	8.7 - 10.3	1000

## Drive Fastener

SR 5742

POM

- Natural or Black
- Each type is suitable for multiple sheet thicknesses
- Connecting, mounting and fastening is feasible without tools



Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		A	B	C	D	E	F	
137000800005	Natural	3.2	1.0	4.5	8	1.5	13	500
137000859905	Black	3.2	1.0	4.5	8	1.5	13	500
137001000005	Natural	3.3	1.0	4.5	8	1.5	13	500
137001059905	Black	3.3	1.0	4.5	8	1.5	13	500
137002000005	Natural	3.9	1.0	5.0	9	1.6	14	500
137002059905	Black	3.9	1.0	5.0	9	1.6	14	500
137003000005	Natural	4.7	1.0	5.5	10	1.7	15	500
137003059905	Black	4.7	1.0	5.5	10	1.7	15	500
137003100005	Natural	4.7	1.0	5.5	10	3.0	15	500
137003159905	Black	4.7	1.0	5.5	10	3.0	15	500
137004000005	Natural	6.4	1.5	6.5	12	2.0	17	500
137004059905	Black	6.4	1.5	6.5	12	2.0	17	500
137005000005	Natural	7.8	1.5	7.0	14	2.4	19	500
137005059905	Black	7.8	1.5	7.0	14	2.4	19	500
137006000005	Natural	5.5	6.0	9.0	12	2.0	18	500
137006059905	Black	5.5	6.0	9.0	12	2.0	18	500

## Barbed Push Fasteners

SR 1965

Nylon or Polypropylene

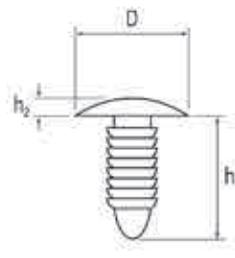
- Ideal for threaded, non-threaded, drilled or punched holes
- Some sizes now available in high clarity polypropylene



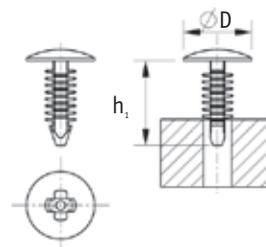
Type 1



Type 2



Type 1



Type 2

Part Number			Hole Diameter (mm)	Maximum Panel Thickness (mm)	D (mm)	h1 (mm)	h2 (mm)	Type	Standard Pack Quantity
Black (Nylon 6.6)	Natural (Nylon 6)	Clear (PP)							
167201069902	167201000002	-	2.7-3.3	1.5-4.0	6.0	7.0	-	2	100
167201569902	167201500002	-	2.7-3.3	1.5-8.0	6.0	11.0	0.9	1	100
167202069902	167202000002	-	2.7-3.3	1.5-15.0	6.0	18.0	0.9	1	100
468809	468833	497394	3.0-3.2	4.0-16.5	5.5	18.5	1.0	1	1000
167203069902	167203000002	-	3.3-4.2	1.5-4.5	10.0	8.0	-	2	100
468811	468835	-	3.5	0.7-5.0	9.1	9.5	1.5	1	1000
167204069902	167204000002	-	4.1-5.2	1.0-2.5	12.0	6.0	-	2	100
167204569902	167204500002	-	4.1-5.2	1.5-5.5	12.0	10.0	1.2	2	100
167205069902	167205000002	-	4.1-5.2	2.0-10.0	12.0	15.0	-	2	100
460436	-	-	4.8	0.6-9.23	9.5	12.7	1.8	1	1000
460437	-	-	4.8	0.8-8.4	11.1	14.3	1.7	1	1000
468813	468837	495222	4.8	0.7-13.0	11.0	17.3	1.7	1	1000
463609	-	-	4.9	2.4-7.4	11.2	12.5	1.1	1	100
468814	468838	-	5.0	1.2-6.0	16.0	11.0	2.0	1	1000
468815	468839	-	4.8	1.7-8.0	11.0	12.7	1.0	1	1000
167206069902	167206000002	-	5.6-6.4	2.0-7.0	13.0	12.0	-	2	100
167206569902	167206500002	-	5.6-6.4	1.5-15.0	13.0	20.0	1.5	1	100
167207069902	167207000002	-	5.6-6.4	1.0-27.0	13.0	32.0	1.5	1	100
167208069902	167208000002	-	5.9-7.2	2.0-5.5	17.0	11.0	-	2	100
167208569902	167208500002	-	5.9-7.2	1.0-10.0	17.0	15.0	-	2	100
167209069902	167209000002	-	5.9-7.2	2.0-19.0	17.0	24.0	1.2	1	100
468816	468840	497395	6.0	2.0-8.0	15.5	12.7	1.0	1	1000
468817	468841	497396	6.0	2.5-8.0	16.0	15.0	2.0	1	1000
468819	468843	-	6.0	3.5-19.0	12.7	24.0	1.5	1	1000
468820	468844	495223	6.0-6.3	2.3-8.9	17.8	15.5	2.4	1	1000
468821	468845	495221	6.0-6.3	2.5-12.0	17.8	20.4	2.5	1	1000
460439	-	-	6.35	2.7-7.6	17.8	11.1	2.5	1	1000
460440	-	-	6.35	3.8-13.5	17.8	20.3	2.7	1	1000
468824	468848	495225	6.4	2.7-7.3	19.1	15.9	0.8	1	1000
-	-	495224	6.4	10.7-28.8	17.8	35.1	2.5	1	1000
167210069902	167210000002	-	6.8-8.3	1.5-9.0	13.0	14.0	-	2	100
468826	468850	495227	7.0	2.0-25.0	30.0	34.8	2.2	1	1000
-	-	495226	7.0	0.7-20.0	18.0	27.3	2.0	1	1000
468828	468852	-	7.0-7.2	2.4-11.9	15.9	18.9	1.0	1	1000
460441	-	-	7.8	2.4-12.7	15.9	22.6	2.8	1	1000
495230	495232	497397	7.2	1.5-14.0	19.0	21.2	2.4	1	1000
495231	495233	-	7.2	1.5-25.4	19.0	30.5	2.0	1	1000
468799	-	497398	7.5	2.7-17.0	19.0	21.0	2.0	1	1000
468829	468853	-	8.0	3.3-12.7	12.7	16.8	1.5	1	1000
468830	-	-	8.7	1.4-13.0	16.0	19.1	2.3	1	1000
468831	468855	-	10.0	1.5-20.0	21.2	28.2	3.5	1	1000

## Removable Barbed Fastener

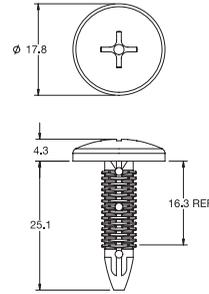
SR 2322

BPFR

Black Nylon 6/6, UL94 V0 RMS-19

- Phillips head screwdriver required to remove from threaded hole

Part Number	Threaded Hole	Non-Threaded Hole Ø	Minimum Panel Thickness	Standard Pack Quantity
BPFR-1	M8	7	6	1000

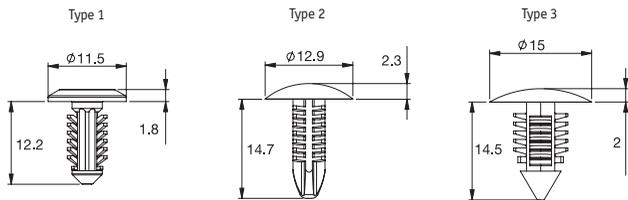


## Barbed Push Fastener

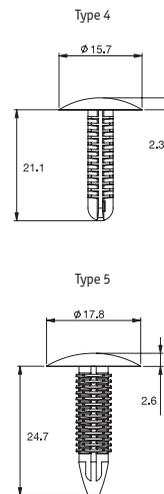
SR 2323

BPF

Black



Part Number	Material	Hole Ø	Total Holding Thickness	Type	Standard Pack Quantity
BPF-A414	UL94 V0. RMS-19	4.7	0.8 - 3.0	1	1000
BPF-F4410	UL94 V2. RMS-01	5.0	1.5 - 7.5	2	1000
BPF-F2495	UL94 V0. RMS-19	7.0	3.2 - 6.0	3	1000
BPF-F3T31	UL94 V0. RMS-19	5.0	2.0 - 10	4	1000
BPF-F1G12	UL94 V0. RMS-19	7.0	2.0 - 15	5	1000



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# BARBED AND PUSH-FIT FASTENERS

## Barbed Fasteners

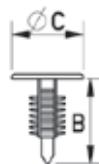
SR 2324

RBF

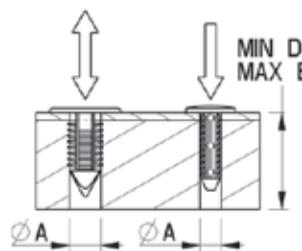
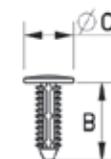
Nylon 6.6



Type 1



Type 2



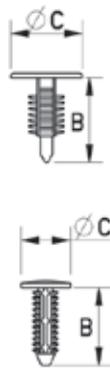
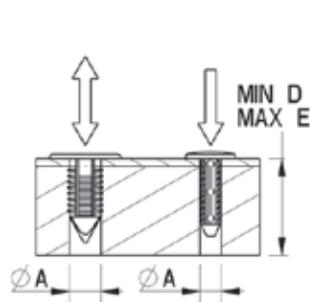
Part Number		Hole Diameter A (mm)	Head Diameter C (mm)	Suggested Total Board Thickness (mm)	Head Height (mm)	Length B (mm)	Type	Standard Pack Quantity
Black	Natural							
167002069902	167002000002	3	6.0	3.5-6.3	-	7.8	1	100
167002569902	167002500002	3	5.5	4.0-12.0	-	14.5	1	100
167002769902	167002700002	3	5.4	4.0-16.5	-	18.5	1	100
167102069902	167102000002	3.5	9.1	0.7-5.0	-	9.5	2	100
RBF-4-8.6-8	-	4	8.0	2.1-4.3	1.0	8.6	1	1000
RBF-4-11.1-8	-	4	8.0	2.1-7.2	1.0	11.1	1	1000
RBF-4-15-8	-	4	8.0	5.7-10.7	1.0	15.0	1	1000
RBF-4-8.6-12	-	4	12.0	2.1-4.3	1.5	8.6	1	1000
167003069902	167003000002	4	9.5	0.9-8.0	-	13.5	2	100
167102569902	167102500002	4	9.1	0.7-6.0	-	11.0	2	100
RBF-4-11.1-12	-	4	12.0	2.1-7.2	1.5	11.1	1	1000
RBF-4-15-12	-	4	12.0	5.7-10.7	1.5	15.0	1	1000
RBF-4-8.6-16	-	4	16.0	2.1-4.3	2.0	8.6	1	1000
RBF-4-11.1-16	-	4	16.0	2.1-7.2	2.0	11.1	1	1000
RBF-4-15-16	-	4	16.0	5.7-10.7	2.0	15.0	1	1000
RBF-4.8-8.6-8	-	4.76	8.0	2.1-4.3	1.0	8.6	1	1000
RBF-4.8-11.1-8	-	4.76	8.0	2.1-7.2	1.0	11.1	1	1000
RBF-4.8-15-8	-	4.76	8.0	5.7-10.7	1.0	15.0	1	1000
RBF-4.8-8.6-12	-	4.76	12.0	2.1-4.3	1.5	8.6	1	1000
RBF-4.8-11.1-12	-	4.76	12.0	2.1-7.2	1.5	11.1	1	1000
RBF-4.8-15-12	-	4.76	12.0	5.7-10.7	1.5	15.0	1	1000
RBF-4.8-8.6-16	-	4.76	16.0	2.1-4.3	2.0	8.6	1	1000
RBF-4.8-11.1-16	-	4.76	16.0	2.1-7.2	2.0	11.1	1	1000
RBF-4.8-15-16	-	4.76	16.0	5.7-10.7	2.0	15.0	1	1000
167003569902	167003500002	4.8	11.0	0.9-5.3	-	11.1	1	100
167103069902	167103000002	4.8	11.0	0.7-13.0	-	17.3	2	100
167103569902	167103500002	4.8	11.0	0.7-8.0	-	12.2	2	100
167004069902	167004000002	4.8	11.9	2.5-15.2	-	17.8	1	100
167104069902	167104000002	4.8	19.0	0.7-8.0	-	12.2	2	100
167004569902	167004500002	4.8	11.0	2.0-10.0	-	16.3	1	100
167005069902	167005000002	5.0	16.0	1.2-6.0	-	11.0	1	100
167005569902	167005500002	5.0	11.0	1.7-8.0	-	12.7	1	100
-	167006000002	5.0	19.0	1.5-12.2	-	17.8	1	100
167104569902	167104500002	5.5	16.5	1.5-14.2	-	19.7	2	100
167105069902	167105000002	5.5	13.0	1.5-14.2	-	19.7	2	100
167006569902	167006500002	6.0	15.5	2.0-8.0	-	12.7	1	100
167106069902	167106000002	6.0	17.8	2.3-8.9	-	15.5	2	100

CONTINUED ON NEXT PAGE

**Barbed Fasteners** *CONTINUED*

**RBF**

**Nylon 6.6**



Type 1

Type 2



Part Number		Hole Diameter A (mm)	Head Diameter C (mm)	Suggested Total Board Thickness (mm)	Head Height (mm)	Length B (mm)	Type	Standard Pack Quantity
Black	Natural							
167106569902	167106500002	6.00	12.7	3.2-10.3	-	15.9	2	100
167007569902	167007500002	6.00	12.7	3.5-19.0	-	24.0	1	100
167107069902	167107000002	6.00	17.8	2.5-12.0	-	20.4	2	100
167107269902	167107200002	6.00	17.8	2.5-20.3	-	26.9	2	100
167008569902	167008500002	6.00	25.4	1.7-31.8	-	36.6	1	100
167006769902	-	6.00	19.0	2.4-8.1	-	12.7	1	100
167007069902	-	6.00	13.0	2.5-10.0	-	18.0	1	100
RBF-6.4-8.6-8	-	6.35	8.0	2.1-4.3	1.0	8.6	1	1000
RBF-6.4-11.1-8	-	6.35	8.0	2.1-7.2	1.0	11.1	1	1000
RBF-6.4-15-8	-	6.35	8.0	5.7-10.7	1.0	15.0	1	1000
RBF-6.4-8.6-12	-	6.35	12.0	2.1-4.3	1.5	8.6	1	1000
RBF-6.4-11.1-12	-	6.35	12.0	2.1-7.2	1.5	11.1	1	1000
RBF-6.4-8.6-16	-	6.35	16.0	2.1-4.3	2.0	8.6	1	1000
RBF-6.4-11.1-16	-	6.35	16.0	2.1-7.2	2.0	11.1	1	1000
RBF-6.4-15-16	-	6.35	16.0	5.7-5.7	2.0	15.0	1	1000
167009069902	167009000002	6.40	12.6	0.9-26.5	-	38.1	1	100
167107569902	167107500002	7.00	19.0	1.5-14.0	-	21.2	2	100
167010069902	167010000002	7.00	23.8	1.3-11.2	-	17.9	1	100
167011069902	167011000002	7.00	15.9	2.4-11.9	-	18.9	1	100
167011569902	167011500002	7.00	15.2	2.5-22.0	-	33.3	1	100
167012069902	167012000002	7.00	19.3	1.3-22.9	-	32.0	1	100
167012569902	167012500002	7.00	31.8	13.5-23.4	-	30.2	1	100
167108069902	-	7.00	19.0	1.5-25.4	-	30.5	1	100
RBF-7.1-15-8	-	7.14	8.0	3.8-10.7	1.0	15.0	1	1000
RBF-7.1-19-8	-	7.14	8.0	6.9-14.2	1.0	19.0	1	1000
RBF-7.1-11.1-12	-	7.14	12.0	2.1-7.2	1.5	11.1	1	1000
RBF-7.1-15-12	-	7.14	12.0	3.8-10.7	1.5	15.0	1	1000
RBF-7.1-19-12	-	7.14	12.0	6.9-14.2	1.5	19.0	1	1000
RBF-7.1-11.1-16	-	7.14	16.0	2.1-7.2	2.0	11.1	1	1000
RBF-7.1-15-16	-	7.14	16.0	3.8-10.7	2.0	15.0	1	1000
RBF-7.1-19-16	-	7.14	16.0	6.9-14.2	2.0	19.0	1	1000
167013069902	167013000002	8	12.7	3.3-12.7	-	16.8	1	100
167108569902	-	8.7	16	1.4-13.0	-	19.1	2	100
167109069902	167109000002	10	25.4	2.9-14.4	-	20.8	2	100
167109569902	167109500002	10	21.8	1.5-20.0	-	28.2	2	100

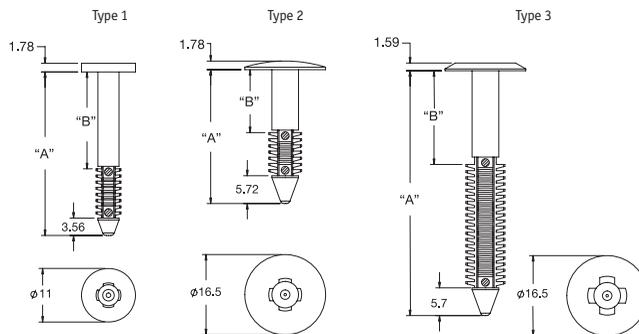
# BARBED AND PUSH-FIT FASTENERS

## Blind Hole Fasteners

SR 2325

BHF

Black Nylon 6/6 UL94 V2, RMS-01



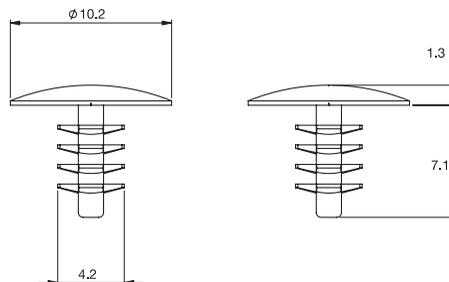
Part Number	"A"	"B" Ref	Suggested Total Board Thickness	Hole Ø	Type	Standard Pack Quantity
BHF-1	14.2	0.5	0.9 - 9.8	4.75	1	1000
BHF-2	16.5	2.8	3.2 - 12.1	4.75	1	1000
BHF-3	24.1	10.4	10.8 - 19.7	4.75	1	1000
BHF-4	33.7	19.9	20.3 - 29.2	4.75	1	1000
BHF-5	15.1	0.5	0.9 - 8.5	6.35	2	1000
BHF-7	22.5	7.9	8.3 - 15.9	6.35	2	1000
BHF-8	27.6	12.9	13.3 - 21	6.35	2	1000
BHF-10	28.8	11.7	12.2 - 22.2	7.14	3	1000
BHF-11	32.6	1.5	1.9 - 26	7.14	3	1000
BHF-12	37.7	6.6	7 - 31.1	7.14	3	1000
BHF-13	45.3	14.2	14.6 - 38.7	7.14	3	1000
BHF-14	50.8	19.3	19.7 - 43.8	7.14	3	1000

## Press Fit Pin

SR 2326

PFP

Natural Nylon 6/6



Part Number	Hole Ø	Panel Thickness	Material	Standard Pack Quantity
PFP-7-01	3.5 ± .05	6.35 Min.	UL94 V2 Nylon 6/6. RMS-01	1000
PFP-7-19	3.5 ± .05	6.35 Min.	UL94 V0 Nylon 6/6. RMS-19	1000

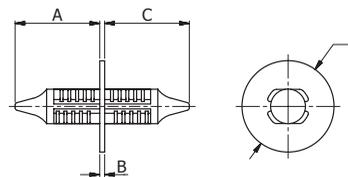
## Double Ended Barb Push Fasteners

SR 1913

Black Nylon 6.6



- Allows two panels to be connected from the centre so that no fastener head is visible.
- Presses neatly into position



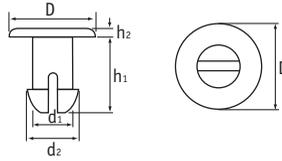
Part Number	Hole Size (mm)	Panel Range (mm)	Head Diameter D (mm)	Head Height B (mm)	Length A & C (mm)	Standard Pack Quantity
495218	4.0	2.6 - 6.3	7.5	1.8	7.8	1000
495219	7.5	3.0 - 8.0	19.0	1.0	17.5	1000
495220	8.0	A=3.2-9.5. C=3.6-19.0	12.7	1.1	A=11.6 C=21.8	1000

## Push-In Fasteners

SR 1968

Natural Nylon 6.6

- Lock into pre-punched panels
- Vibration, abrasion and corrosion resistant



Part Number	Hole Diameter (mm)	Dimensions (mm)						Standard Pack Quantity
		Maximum Panel Thickness	d1	d2	D	h2	h1	
27PIF0036	2.3 - 2.4	1.7	2.3	2.7	4.7	1.0	3.6	1000
27PIF0041*	3.3 - 3.4	3.1	2.2	3.6	7.8	1.0	5.2	1000
2010590000VR	2.3 - 2.4	3.7	2.3	2.7	4.8	1.1	5.4	1000
27PIF0038*	2.3 - 2.4	1.6	2.3	2.6	7.1	0.9	3.5	1000
27PIF0040*	2.3 - 2.4	2.4	2.4	2.7	7.1	0.9	4.2	1000
27PIF0039	2.4 - 3.0	2.9	2.4	3.7	6.4	1.0	5.1	1000
27PIF0056	2.4 - 2.8	8.0	2.4	3.4	3.6	1.5	10.0	1000
27PIF0047	3.0 - 3.2	3.1	3.0	3.7	5.2	1.0	6.2	1000
27PIF0044	3.0 - 3.1	3.5	3.0	3.6	5.2	1.0	6.8	1000
27PIF0043	3.0 - 3.1	4.0	3.0	3.6	5.2	0.8	7.6	1000
2010130000VR	3.0 - 3.1	6.0	3.0	3.5	5.2	1.0	7.8	1000
27PIF0046	3.0 - 3.2	6.4	3.0	3.7	5.2	1.1	9.2	1000
27PIF0077	3.0 - 3.2	8.1	3.0	3.7	6.0	0.8	10.2	1000
27PIF0075	3.0 - 3.2	14.0	3.0	3.7	6.4	1.5	17.5	1000
27PIF0042	3.3 - 3.8	4.8	3.3	4.6	5.2	1.0	7.1	1000
27PIF0095	3.7 - 4.5	3.3	3.7	5.2	15.0	1.3	6.5	1000
27PIF0048	3.8 - 4.6	8.0	3.8	5.3	9.9	1.5	10.9	1000
27PIF0049	4.1 - 4.4	11.4	4.1	5.1	8.7	1.8	15.5	1000
27PIF0051	4.2 - 4.4	1.7	4.2	5.1	8.7	3.0	5.3	1000
27PIF0050	4.2 - 4.4	3.4	4.2	5.1	8.7	1.0	6.8	1000
2010990000VR	4.4 - 4.7	4.6	4.5	5.6	10.0	1.4	8.6	1000
2010190000VR	4.4 - 4.8	6.3	4.4	5.7	8.7	1.7	10.8	1000
27PIF0052	4.6 - 4.8	14.1	4.6	5.7	8.7	1.8	18.0	1000
27PIF0037	4.6 - 4.8	16.2	4.6	5.6	9.5	1.5	20.0	1000
2010760000VR	5.0 - 5.3	3.3	5.0	6.0	12.0	3.0	7.1	1000
27PIF0060	5.1 - 5.2	4.0	5.1	5.8	12.0	1.3	7.7	1000
27PIF0061	5.2 - 5.3	9.5	5.2	6.0	8.7	1.0	13.0	1000
2010040000VR	5.5 - 5.9	3.5	5.5	7.0	14.0	3.0	7.0	1000
2010240000VR	5.8 - 6.5	44.0	5.8	7.5	10.0	1.8	49.2	1000
27PIF0085	6.1 - 6.4	3.2	6.1	7.1	12.7	1.4	7.8	1000
2010860000VR	6.1 - 6.4	4.0	6.1	7.1	12.7	1.4	8.5	1000
27PIF0087	6.1 - 6.4	4.8	6.1	7.1	12.7	1.5	9.3	1000
27PIF0088	6.1 - 6.3	5.6	6.1	7.0	12.7	1.5	10.5	1000
27PIF0089	6.1 - 6.4	6.3	6.1	7.2	12.7	1.6	10.8	1000
27PIF0063	6.1 - 6.5	7.0	6.1	7.5	11.5	1.0	11.8	500
2010260000VR	6.1 - 6.5	7.6	6.1	7.5	11.5	1.5	12.4	1000
27PIF0091	6.1 - 6.4	8.0	6.1	7.1	12.7	1.5	12.4	500
27PIF0066	6.1 - 6.5	8.4	6.1	7.5	11.5	1.6	13.1	500
27PIF0092	6.1 - 6.4	8.8	6.1	7.1	12.7	1.5	13.2	1000
27PIF0093	6.1 - 6.4	9.5	6.1	7.1	12.7	1.6	13.8	1000
27PIF0098	6.1 - 6.4	11.1	6.1	7.1	12.7	1.5	15.6	1000
27PIF0096	6.1 - 6.4	11.8	6.1	7.1	12.7	1.4	16.4	500
27PIF0097	6.1 - 6.4	12.7	6.1	7.1	12.7	1.5	17.1	500
27PIF0083	6.2 - 6.4	1.6	6.2	7.1	12.7	1.5	5.9	500
27PIF0084	6.2 - 6.4	2.5	6.2	7.1	12.7	1.5	6.9	1000
2010270000VR	6.2 - 6.6	6.3	6.2	7.6	15.0	1.5	11.1	1000
27PIF0072	6.2 - 6.6	9.5	6.2	7.6	15.0	1.5	14.3	500
27PIF0094	6.2 - 6.4	10.3	6.2	7.2	12.7	1.5	14.7	500
27PIF0065	6.2 - 6.6	12.2	6.2	7.6	15.0	1.4	16.9	500
27PIF0054	6.5 - 6.7	5.0	6.5	7.5	8.7	0.8	9.0	1000
27PIF0067	6.6 - 6.8	4.3	6.6	7.6	12.7	1.5	9.1	1000
27PIF0074	7.0 - 7.2	10.3	7.0	8.0	15.0	1.4	14.4	500
27PIF0057	7.7 - 8.7	3.0	7.7	9.6	11.1	1.9	9.5	1000

\*No headed slot

## Snap Lock Pin

SR 2327

SLP

Material: Nylon 6/6, RMS-01 Colour: Natural

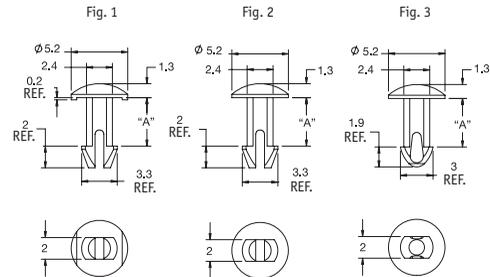


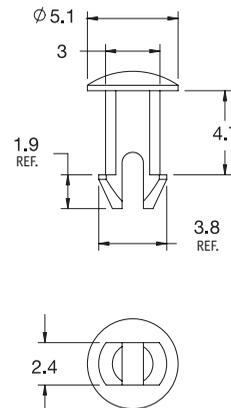
Fig. 1	Part Number		Dimensions (mm)		Standard Pack Quantity
	Fig. 2	Fig. 3	"A"	Hole Ø	
SLP100-177-01	SLP-1-177-01	SLP-2-177-01	4.5	2.5±0.05	1000
SLP100-221-01	SLP-1-221-01	SLP-2-221-01	5.6	2.5±0.05	1000
-	SLP-1-236-01	SLP-2-236-01	6	2.5±0.05	1000
SLP100-245-01	SLP-1-245-01	SLP-2-245-01	6.2	2.5±0.05	1000
SLP100-307-01	SLP-1-307-01	SLP-2-307-01	7.8	2.5±0.05	1000
SLP100-316-01	SLP-1-316-01	SLP-2-316-01	8	2.5±0.05	1000
SLP100-330-01	SLP-1-330-01	SLP-2-330-01	8.4	2.5±0.05	1000
SLP100-413-01	SLP-1-413-01	SLP-2-413-01	10.5	2.5±0.05	1000
SLP100-638-01	SLP-1-638-01	SLP-2-638-01	16.2	2.5±0.05	1000

## Snap Lock Pin

SR 2328

SLP125

Material: UL94 V2 Nylon 6/6, RMS-01 Colour: Natural



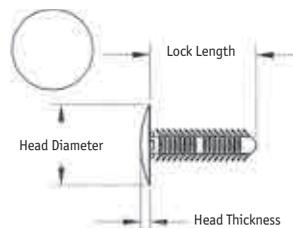
Part Number	Hole Ø	Standard Pack Quantity
SLP125-187-01	3.18	1000

# BARBED AND PUSH-FIT FASTENERS

## X-Tree Push In Rivets

SR K-0019

Black PA 6.6



Part Number	Dimensions (mm)					Standard Pack Quantity
	Hole Size	Panel Thickness	Head Diameter	Head Thickness	Lock Length	
27XT1250125	3.18	1.57-3.18	8.74	1.57	5.28	1000
27XT1250250	3.18	1.57-6.35	8.74	1.57	8.15	1000
27XT1250375	3.18	1.57-9.53	8.74	1.57	11.63	1000
27XT1880250	3.18	1.57-6.35	8.74	1.57	17.98	1000
27XT1880375	4.78	1.57-9.53	12.7	1.98	8.84	1000
27XT1880500	4.78	1.57-12.7	12.7	1.98	12.01	1000
27XT1880625	4.78	1.57-15.88	12.7	1.98	15.19	1000
27XT1880750	4.78	1.57-19.05	12.7	1.98	18.36	1000
27XT2030375	4.78	1.57-6.35	12.7	1.98	21.54	1000
27XT2500250	5.16	1.57-6.35	15.88	2.54	9.53	1000
27XT2500375	6.35	1.57-9.53	17.78	2.54	9.93	1000
27XT2500500	6.35	1.57-12.7	17.78	2.54	12.85	1000
27XT2500625	6.35	1.57-15.88	17.78	2.54	16	1000
27XT2500750	6.35	1.57-19.05	17.78	2.54	19.18	1000
27XT2500875	6.35	1.57-22.23	17.78	2.54	22.35	1000
27XT2501000	6.35	1.57-25.4	17.78	2.54	25.5	1000
27XT2501250	6.35	1.57-31.75	17.78	2.54	28.45	1000
27XT2501500	6.35	1.57-38.10	17.78	2.54	35.05	1000
27XT2501750	6.35	1.57-44.45	17.78	2.54	41.45	1000
27XT2502000	6.35	1.57-50.80	17.78	2.54	47.8	1000
27XT2810250	6.35	1.57-6.35	17.78	2.54	54.15	1000
27XT2810375	7.14	1.57-9.53	20.07	2.54	9.75	1000
27XT2810500	7.14	1.57-12.7	19.99	2.54	13.08	1000
27XT2810625	7.14	1.57-15.88	19.99	2.54	16.31	1000
27XT2810750	7.14	1.57-19.05	19.99	2.54	19.48	1000
27XT2810875	7.14	1.57-22.23	19.99	2.54	22.71	1000
27XT2811000	7.14	1.57-25.4	19.99	2.54	25.93	1000
27XT2811250	7.14	1.57-31.75	19.99	2.54	29.13	1000

Part Number	Dimensions (mm)					Standard Pack Quantity
	Hole Size	Panel Thickness	Head Diameter	Head Thickness	Lock Length	
27XT2811500	7.14	1.57-38.1	19.99	2.54	35.59	1000
27XT2811750	7.14	1.57-44.45	19.99	2.54	41.94	1000
27XT3120250	7.14	1.57-6.35	19.99	2.54	48.29	1000
27XT3120375	7.92	1.57-9.53	22.2	2.54	10.41	1000
27XT3120500	7.92	1.57-12.7	22.2	2.54	13.44	1000
27XT3120625	7.92	1.57-15.88	22.2	2.54	16.64	1000
27XT3120750	7.92	1.57-19.05	22.2	2.54	19.89	1000
27XT3120875	7.92	1.57-22.23	22.2	2.54	22.71	1000
27XT3121000	7.92	1.57-25.4	22.2	2.54	26.31	1000
27XT3121250	7.92	1.57-31.75	22.2	2.54	29.54	1000
27XT3121500	7.92	1.57-38.1	22.2	2.54	35.97	1000
27XT3121750	7.92	1.57-44.45	22.2	2.54	42.39	1000
27XT3150500	7.92	1.57-12.7	22.2	2.54	48.84	1000
27XT3750250	8.0	1.57-6.35	22.5	2.54	16.99	1000
27XT3750375	9.53	1.57-9.53	25.4	2.54	11.3	1000
27XT3750500	9.52	1.57-12.7	25.4	2.54	14.27	1000
27XT3751000	9.53	1.57-25.4	25.4	2.54	17.5	1000
27MXT003003	3.0	1.6-3.0	8.39	1.57	4.85	1000
27MXT003006	3.0	1.6-6.0	8.39	1.57	7.57	1000
27MXT003010	3.0	1.6-6.0	8.39	1.57	11.66	1000
27MXT004006	4.0	1.6-6.0	11.18	1.98	8.33	1000
27MXT004010	4.0	1.6-6.0	11.18	1.98	12.24	1000
27MXT005006	5.0	1.6-6.0	13.97	1.98	8.53	1000
27MXT005010	5.0	1.6-10.0	13.97	1.98	12.29	1000
27MXT005026	5.0	1.6-26.0	13.97	1.98	28.35	1000
27MXT006006	6.0	1.6-6.0	16.78	1.98	9.27	1000
27MXT006018	6.0	1.6-18.0	16.78	1.98	21.31	1000
27MXT006050	6.0	1.6-50.0	16.78	1.98	53.70	1000

## Mini Snap Rivets

SR K-0015

Natural PA 6.6

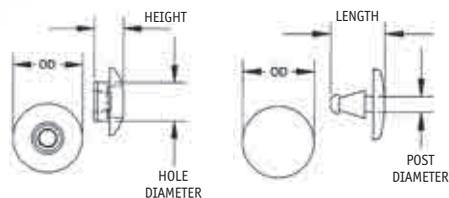


- Male and female parts are packed and sold separately



FEMALE PARTS

MALE PARTS



### Female Parts

Part Number	Dimensions (mm)			Standard Pack Quantity
	Use with	OD	Height	
27MRF06	1.52 mm male rivet	6.35	1.27	1000
27MRF09	2.39 mm male rivet	9.53	1.91	1000
27MRF12	3.18 mm male rivet	12.7	2.54	1000

### Male Parts

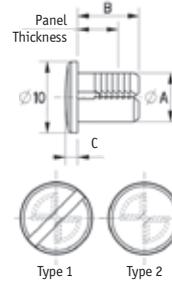
Part Number	Dimensions (mm)					Standard Pack Quantity
	Hole Size	Shank OD	Panel Thickness	OD	Length	
27MRM060010	1.57	1.52	0.25	6.35	1.27	1000
27MRM060020			0.51			1000
27MRM060030			0.76			1000
27MRM060045			1.14			1000
27MRM060062			1.57			1000
27MRM060075			1.91			1000
27MRM090020	2.36	2.39	0.51	9.53	1.91	1000
27MRM090032			0.81			1000
27MRM090045			1.14			1000
27MRM090062			1.57			1000
27MRM090075			1.91			1000
27MRM090090			2.29			1000
27MRM090112			3.18			1000
27MRM090312			7.92			1000
27MRM125032			0.81			1000
27MRM125045			1.14			1000
27MRM125062	1.57	1000				
27MRM125093	2.36	1000				
27MRM125125	0.18	1000				
27MRM125143	1.09	1000				
27MRM125187	4.75	1000				
27MRM125325	8.26	1000				

## Coloured Assembly Clips

**SR5740**

**Nylon**

- Available in various colours
- Click two rivets and have one complete connection ready!
- No tools, screws, etc. needed
- Special cushioning washer for larger surfaces available



**RAL Colours**



Printing limitations may prevent exact colour representations

Part Number						Dimensions (mm)			Panel Thickness	Type	Standard Pack Quantity
Natural	Grey	Blue	Red	Yellow	Black	A	B	C			
096065500001	096065500201	096065508701	096065512401	096065513201	096065559901	5.5	5.4	1.7	5.7-7.3	1	500
096095500001	096095500201	096095508701	096095512401	-	096095559901	5.5	8.5	1.7	8.9-12.3	1	500
096135500001	096135500201	096135508701	096135512401	-	096135559901	5.5	12.4	1.7	12.8-20.5	1	500
096205500001	096205500201	096205508701	096205512401	096205513201	096205559901	5.5	19.8	1.7	20.2-34.4	1	500
096061000001	096061000201	096061008701	096061012401	096061013201	096061059901	7-7.2	5.4	1.7	5.7-7.3	1	500
096091000001	096091000201	096091008701	096091012401	096091013201	096091059901	7-7.2	8.5	1.7	8.9-12.9	2	500
096131000001	096131000201	096131008701	096131012401	096131013201	096131059901	7-7.2	12.4	1.7	12.8-20.5	2	500
096201000001	096201000201	-	096201012401	096201013201	096201059901	7-7.2	19.8	1.7	20.2-34.4	2	500

## Coloured Snap Rings

**SR5740**

**Nylon**

- Available in various colours
- Together with coloured assembly clips suitable for very thin applications
- Often seen in rotating sheets



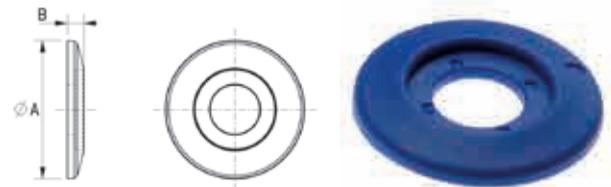
Part Number						Dimensions (mm)		Standard Pack Quantity
Natural	Grey	Blue	Red	Yellow	Black	A	B	
096001000001	096001000201	096001008701	096001012401	-	096001059901	10.2	2	500

## Coloured Snap Rings

**SR5740**

**Nylon**

- Available in various colours
- Provides coloured assembly clips more surface support
- Suitable for rotating applications

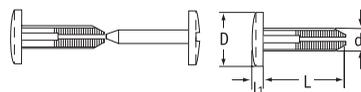


Part Number						Dimensions (mm)		Standard Pack Quantity
Natural	Grey	Blue	Red	Yellow	Black	A	B	
096001800001	096001800201	096001808701	096001812401	096001813201	096001859901	18.2	2.1	500

## Assembly Clips

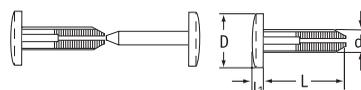
SR 1990

Natural Nylon 6.6



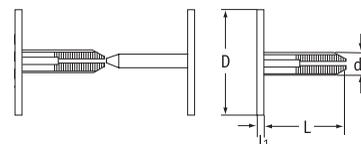
### 12mm Head with slot

Part Number		Dimensions (mm)							Standard Pack Quantity
Black	White	Hole Diameter	Panel Thickness	d1	D	l <sub>1</sub>	L		
8100670001VR	8100670008VR	5 - 8	5.3 - 7.5	5.0	12.0	3.0	5.5	1000	
8100680001VR	8100680008VR	5 - 8	9.0 - 13.0	5.0	12.0	3.0	9.0	1000	
8100690001VR	8100690008VR	5 - 8	13.0 - 20.0	5.0	12.0	3.0	13.0	1000	
-	8100660008VR	5 - 8	18.0 - 28.0	5.0	12.0	3.0	18.0	1000	
8100700001VR	8100700008VR	5 - 8	20.0 - 34.0	5.0	12.0	3.0	20.0	1000	
8100710001VR	-	7 - 8	13.0 - 20.0	7.0	12.0	3.0	13.0	1000	



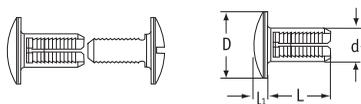
### 12mm Head without slot

Part Number		Dimensions (mm)							Standard Pack Quantity
Black	White	Hole Diameter	Panel Thickness	d1	D	l <sub>1</sub>	L		
8110670001VR	8110670008VR	5 - 8	5.3 - 7.5	5.0	12.0	4.0	5.5	1000	
8110680001VR	8110680008VR	5 - 8	9.0 - 13.0	5.0	12.0	4.0	9.0	1000	
8110690001VR	8110690008VR	5 - 8	13.0 - 20.0	5.0	12.0	4.0	13.0	1000	
8110660001VR	8110660008VR	5 - 8	18.0 - 28.0	5.0	12.0	4.0	18.0	1000	
8110700001VR	8110700008VR	5 - 8	20.0 - 34.0	5.0	12.0	4.0	20.0	1000	



### 19mm Head without slot

Part Number		Dimensions (mm)							Standard Pack Quantity
Black	White	Hole Diameter	Panel Thickness	d1	D	l <sub>1</sub>	L		
8130670001VR	8130670008VR	5 - 8	5.3 - 7.5	5.0	19.0	3.0	5.5	1000	
8130680001VR	8130680008VR	5 - 8	9.0 - 13.0	5.0	19.0	3.0	9.0	1000	
8130690001VR	8130690008VR	5 - 8	13.0 - 20.0	5.0	19.0	3.0	13.0	1000	
8130660001VR	8130660008VR	5 - 8	18.0 - 28.0	5.0	19.0	3.0	18.0	1000	
8130700001VR	8130700008VR	5 - 8	20.0 - 34.0	5.0	19.0	3.0	20.0	1000	
8130710001VR	-	7 - 8	13.0 - 20.0	7.0	19.0	3.0	13.0	1000	



### 20mm Rounded Head with slot

Part Number		Dimensions (mm)							Standard Pack Quantity
Black	White	Hole Diameter	Panel Thickness	d1	D	l <sub>1</sub>	L		
8170820101VR	8170820108VR	10 - 15	8.7 - 11.5	9.7	20.0	3.5	8.5	1000	
8170840101VR	8170840108VR	10 - 15	18.0 - 25.0	9.7	20.0	3.5	16.0	1000	

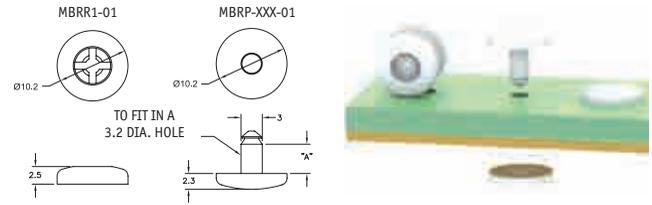
## Mini Barbed Rivet

SR 2329

MBRR & MBRP

Natural UL94 V2 Nylon 6/6, RMS-01

Part Number	"A"	Panel Thickness Max.	Standard Pack Quantity
MBRP1-030-01	1.60	0.76	1000
MBRP1-062-01	2.41	1.57	1000
MBRP1-100-01	3.38	2.54	1000
MBRP1-125-01	4.01	3.18	1000



Part Number	"A"	Panel Thickness Max.	Standard Pack Quantity
MBRP1-187-01	5.59	4.75	1000
MBRP1-250-01	7.19	6.35	1000
MBRR1-01	-	-	1000

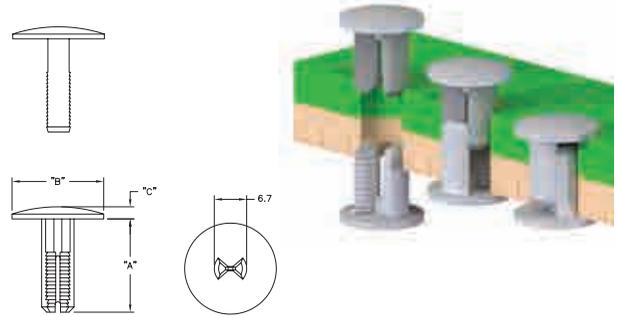
## Barbed Rivet

SR 2330

BR

Material: UL94 V2 Nylon 6/6, RMS-01

Part Number		"A" Ref.	"B" Ø	"C"	Total Holding Thickness	Hole Ø	Standard Pack Quantity
Natural	Black						
BR1-226-01	BR1-226-01BK	5.7	19.1	2.4	6.0 - 7.5	7.1	1000
BR1-344-01	BR1-344-01BK	8.7	19.1	2.4	8.8 - 12.8	7.1	1000
BR1-488-01	BR1-488-01BK	12.4	19.1	2.4	12.7 - 20.6	7.1	1000
BR1-768-01	BR1-768-01BK	19.5	19.1	2.4	19.8 - 34.9	7.1	1000
BR2-226-01	BR2-226-01BK	5.7	10.2	1.6	6.0 - 7.5	7.1	1000
BR2-344-01	BR2-344-01BK	8.7	10.2	1.6	8.8 - 12.8	7.1	1000
BR2-488-01	BR2-488-01BK	12.4	10.2	1.6	12.7 - 20.6	7.1	1000
BR2-768-01	BR2-768-01BK	19.5	10.2	1.6	19.8 - 34.9	7.1	1000



## Book Screws

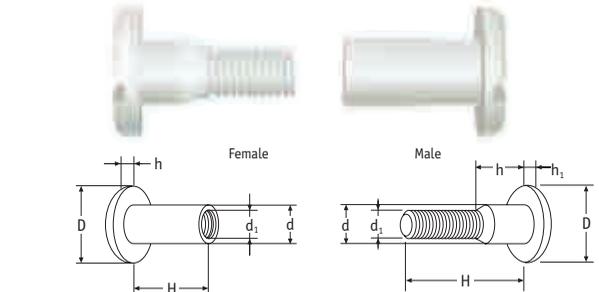
SR 1999

Natural Nylon

- Designed to fit with mating male/female parts

Male

Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		d1	D	H	d	h	h1	
082041011301	White	M4	12.0	10.0	6.0	-	2.5	250
082041011401	Black	M4	12.0	10.0	6.0	-	2.5	250
082051011301	White	M5	14.0	10.0	7.0	-	2.5	250
082051011401	Black	M5	14.0	10.0	7.0	-	2.5	250
082051511301	White	M5	14.0	15.0	7.0	5.0	2.5	250
082051511401	Black	M5	14.0	15.0	7.0	5.0	2.5	250
082052011301	White	M5	14.0	20.0	7.0	10.0	2.5	250
082052011401	Black	M5	14.0	20.0	7.0	10.0	2.5	250
082052611301	White	M5	14.0	25.0	7.0	15.0	2.5	250
082052611401	Black	M5	14.0	25.0	7.0	15.0	2.5	250
082053011301	White	M5	14.0	30.0	7.0	20.0	2.5	250
082054011301	White	M5	14.0	40.0	7.0	30.0	2.5	250
082054011401	Black	M5	14.0	40.0	7.0	30.0	2.5	250
082061050001	White	M6	16.0	10.0	8.0	-	3.0	500
082061059901	Black	M6	16.0	10.0	8.0	-	3.0	500
082061850001	White	M6	16.0	18.0	8.0	8.0	3.0	500
082061859901	Black	M6	16.0	18.0	8.0	8.0	3.0	500
082062550001	White	M6	16.0	25.0	8.0	8.0	3.0	500
082062559901	Black	M6	16.0	25.0	8.0	8.0	3.0	500
082063050001	White	M6	16.0	30.0	8.0	8.0	3.0	500
082063059901	Black	M6	16.0	30.0	8.0	8.0	3.0	500
082063650001	White	M6	16.0	36.0	8.0	8.0	3.0	500
082063659901	Black	M6	16.0	36.0	8.0	8.0	3.0	500
082063950001	White	M6	16.0	39.0	8.0	8.0	3.0	250
082063959901	Black	M6	16.0	39.0	8.0	8.0	3.0	250
082064850001	White	M6	16.0	48.0	8.0	8.0	3.0	250
082064859901	Black	M6	16.0	48.0	8.0	8.0	3.0	250



Female

Part Number	Colour	Dimensions (mm)						Standard Pack Quantity
		d1	D	H	d	h		
081041011301	White	M4	12.0	10.0	6.0	2.2	250	
081041011401	Black	M4	12.0	10.0	6.0	2.2	250	
081041511301	White	M4	12.0	15.0	6.0	2.2	250	
081041511401	Black	M4	12.0	15.0	6.0	2.2	250	
081042011301	White	M4	12.0	20.0	6.0	2.2	250	
081042011401	Black	M4	12.0	20.0	6.0	2.2	250	
081042511301	White	M4	12.0	25.0	6.0	2.2	250	
081042511401	Black	M4	12.0	25.0	6.0	2.2	250	
081043011301	White	M4	12.0	30.0	6.0	2.2	250	
081043011401	Black	M4	12.0	30.0	6.0	2.2	250	
081051011301	White	M5	14.0	10.0	7.0	2.5	250	
081051011401	Black	M5	14.0	10.0	7.0	2.5	250	
081061050001	White	M6	16.0	10.0	8.0	3.0	500	
081061059901	Black	M6	16.0	10.0	8.0	3.0	500	
081061650001	White	M6	16.0	16.0	8.0	3.0	500	
081061659901	Black	M6	16.0	16.0	8.0	3.0	500	
081161050001	White	M6	16.0	10.0	8.0	2.5	500	
081161059901	Black	M6	16.0	10.0	8.0	2.5	500	
081161650001	White	M6	16.0	16.0	8.0	2.5	500	
081161659901	Black	M6	16.0	16.0	8.0	2.5	500	

# BINDER SCREWS AND SNAP FASTENERS

## Metal Binder Screw

SR 1918

Steel

- Male and Female parts sold separately
- 9mm Head Diameter
- Available in Nickel Plated, Brass Plated or Black
- Male and Female parts thread together securely
- Ideal for multiple panel fastenings, such as swatch cards
- To suit 5mm Hole



### Female Part

Part Number			Length (mm)	Standard Pack Quantity
Nickel Plated	Brass Plated	Black		
497101	497121	497141	5	200
497102	497122	497142	10	200
497103	497123	497143	15	200
497104	497124	497144	20	200
497105	497125	497145	25	200
497106	497126	497146	30	200
497107	497127	497147	35	200
497108	497128	497148	40	200
497109	497129	497149	45	200
497110	497130	497150	50	200
497111	497131	-	55	100
497112	497132	-	60	100
497113	497133	-	65	100
497114	-	-	70	100
497115	497135	-	75	100
497116	497136	-	80	100
497117	497137	-	85	100
497118	497138	-	90	100
497119	497139	-	95	100
497120	497140	-	100	100

### Male Part

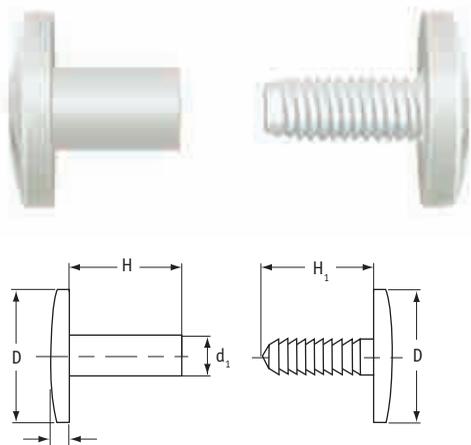
Part Number			Length (mm)	Standard Pack Quantity
Nickel Plated	Brass Plated	Black		
497219	497220	497221	3	200
497222	497223	497224	6	200

## Binder Screws

SR 1999

HDPE

- Male and Female parts thread together securely
- Ideal for multiple panel fastenings, such as swatch cards



Part Number	Colour	Female Part		Male Part		Head		Standard Pack Quantity
		d1	H	Size	H1	D	h	
0191010901VR	Black	5.0	5.0	M4	5.0	12.0	2.6	1000
0191010908VR	White	5.0	5.0	M4	5.0	12.0	2.6	1000
0191020901VR	Black	5.0	6.0	M4	5.0	12.0	2.6	1000
0191020908VR	White	5.0	6.0	M4	5.0	12.0	2.6	1000
0191040901VR	Black	5.0	8.0	M4	5.0	12.0	2.6	1000
0191040908VR	White	5.0	8.0	M4	5.0	12.0	2.6	1000
0191050901VR	Black	5.0	10.0	M4	10.0	12.0	2.6	1000
0191050908VR	White	5.0	10.0	M4	10.0	12.0	2.6	1000
0191060901VR	Black	5.0	12.0	M4	10.0	12.0	2.6	1000
0191060908VR	White	5.0	12.0	M4	10.0	12.0	2.6	1000
0191070901VR	Black	5.0	15.0	M4	10.0	12.0	2.6	1000
0191070908VR	White	5.0	15.0	M4	10.0	12.0	2.6	1000
0191080901VR	Black	5.0	20.0	M4	10.0	12.0	2.6	1000
0191080908VR	White	5.0	20.0	M4	10.0	12.0	2.6	1000
0191090901VR	Black	5.0	25.0	M4	10.0	12.0	2.6	1000
0191090908VR	White	5.0	25.0	M4	10.0	12.0	2.6	1000
0191100901VR	Black	5.0	30.0	M4	10.0	12.0	2.6	1000
0191100908VR	White	5.0	30.0	M4	10.0	12.0	2.6	1000
0191110901VR	Black	5.0	35.0	M4	10.0	12.0	2.6	1000
0191110908VR	White	5.0	35.0	M4	10.0	12.0	2.6	1000
0191120901VR	Black	5.0	40.0	M4	10.0	12.0	2.6	1000
0191120908VR	White	5.0	40.0	M4	10.0	12.0	2.6	1000
0191140901VR	Black	5.0	50.0	M4	10.0	12.0	2.6	1000
0191140908VR	White	5.0	50.0	M4	10.0	12.0	2.6	1000
0191160901VR	Black	5.0	60.0	M4	10.0	12.0	2.6	1000
0191160908VR	White	5.0	60.0	M4	10.0	12.0	2.6	1000
0191190901VR	Black	5.0	80.0	M4	10.0	12.0	2.6	1000
0191190908VR	White	5.0	80.0	M4	10.0	12.0	2.6	1000
0191200901VR	Black	5.0	90.0	M4	10.0	12.0	2.6	1000
0191200908VR	White	5.0	90.0	M4	10.0	12.0	2.6	1000

## Snap Fasteners

SR 1990

Washers – LDPE

Clip – Polypropylene

- Ideal for fixing corrugated panels
- Snap in fixing for fast installation
- One pack contains 1000 each of clips and washers
- Now available in High Clarity



### 30mm Head Diameter (D)

Part Number			Male Clip Dimensions (mm)							Female Washer Dimensions (mm)			Standard Pack Quantity
Black	White	Natural	Hole Diameter	Panel Thickness	d	l	h	l1	h1	d1	l2		
8502160901VR	8502160908VR	8502160900VR	8-20	6-10	6.0	14	-	3.0	6.0	8.0	3.0	1000	
8502260901VR	8502260908VR	8502260900VR	8-20	6-22	6.0	28	4	3.0	6.0	8.0	3.0	1000	
8502440901VR	8502440908VR	8502440900VR	8-20	20-40	6.0	44	14	3.0	6.0	8.0	3.0	1000	
8501160901VR	8501160908VR	8501160900VR	8-20	12-18	6.0	14	-	3.0	12.0	8.0	3.0	1000	
8501260901VR	8501260908VR	8501260900VR	8-20	12-30	6.0	28	4	3.0	12.0	8.0	3.0	1000	
8501440901VR	8501440908VR	8501440900VR	8-20	12-46	6.0	44	14	3.0	12.0	8.0	3.0	1000	

### 15mm Head Diameter (D)

Part Number			Male Clip Dimensions (mm)				Female Washer Dimensions (mm)		Standard Pack Quantity
Black	White	High Clarity	Hole Diameter	Panel Thickness	l	l1	l2		
8501150901VR	8501150908VR	8501150900VR	5-10	0-8	15	2.0	3.5	1000	
8501220901VR	8501220908VR	8501220900VR	5-10	0-16	22	2.0	3.5	1000	

## Push Clips

SR 1991

White Nylon 6.6

- Fast and easy clip in design
- Ideal for fixing multiple lightweight panels or print together



Part Number		Dimensions (mm)					Standard Pack Quantity
White	Black	Hole Diameter	Maximum Panel Thickness	D	h1		
8201020008VR	8201020001VR	6.0	2.2	10.0	0.8	1000	
8201030008VR	8201030001VR	6.0	3.2	10.0	0.8	1000	
8201040008VR	8201040001VR	6.0	4.2	10.0	0.8	1000	
8201050008VR	8201050001VR	6.0	5.2	10.0	0.8	1000	

NB: Pack quantity includes 1000 each of male and female parts.

## Viking Screws

SR 1838

Clear Polycarbonate

- Fast and easy push on panel fastener
- Screw to tighten



Part Number	Dimensions (mm)		Standard Pack Quantity
	Head Diameter	Length	
464972	12.5	12.0	100
464973	12.5	20.0	100
464974	12.5	25.0	100

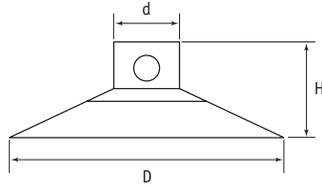
NB: Pack quantity includes 100 each of nut and screw.

## Suction Pads

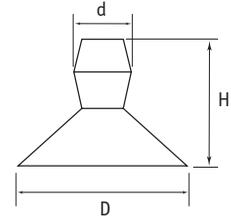
SR 1691

PVC

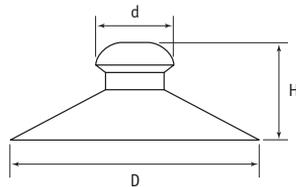
- Black and white options available



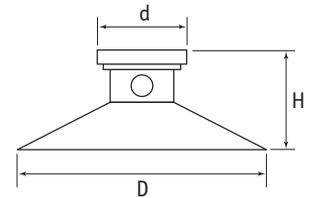
Style 1



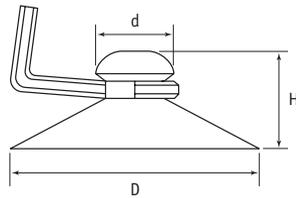
Style 6



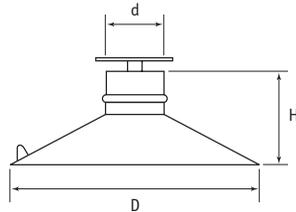
Style 2



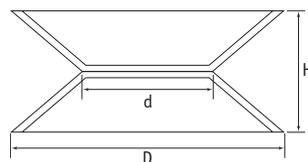
Style 7



Style 3



Style 4

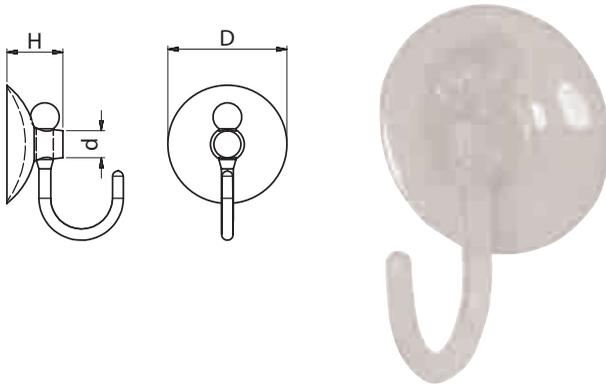


Style 5

Clear	Part Number		Style	Dimensions (mm)			Hole Dia.	Standard Pack Quantity
	Black	White		D	H	d		
464781	-	-	1	22.0	8.4	6.2	2.8	3000
464784	-	-	1	25.0	10.0	6.2	3.5	2000
464785	-	-	1	30.0	14.0	10.0	4.7	1500
464788	-	-	1	35.0	12.5	11.4	4.7	1000
464791	496739	496738	1	40.0	16.0	10.0	5.0	2340
464796	-	-	1	45.0	19.6	12.5	5.0	500
464799	-	-	1	50.0	17.8	10.0	5.4	350
464802	-	-	1	55.0	22.0	14.0	6.5	250
464780	496749	-	2	19.0	10.0	8.3	-	3000
464782	496750	496741	2	22.0	8.5	7.8	-	3500
464786	496751	496742	2	30.0	11.4	11.4	-	1500
464789	496752	496743	2	35.0	12.5	13.5	-	1000
464792	496753	496744	2	40.0	15.2	13.5	-	800
464797	496754	496745	2	45.0	19.0	14.9	-	500
464800	496755	496746	2	50.0	18.9	15.5	-	350
464803	-	496747	2	55.0	20.5	15.9	-	250
464805	-	-	2	63.0	23.3	18.0	-	720
497400	-	496760	2	73.0	13.5	14.0	-	885
464783	-	-	3	22.0	8.5	7.8	-	2000
464787	-	-	3	30.0	11.4	11.4	-	1000
464790	-	-	3	35.0	12.5	11.4	-	700
464793	-	496758	3	40.0	15.2	13.5	-	500
464794	-	-	3	42.0	15.2	13.5	-	500
464798	-	-	3	45.0	16.9	11.9	-	400
464801	-	-	3	50.0	18.9	15.5	-	300
464804	-	-	3	55.0	20.5	15.9	-	250
464806	-	-	3	63.0	23.3	18.0	-	200
464795	-	-	4	42.0	18.0	12.0	-	500
464807	-	-	5	20.0	10.0	9.0	-	2000
464808	-	-	5	30.0	15.0	12.6	-	1000
51519	-	-	6	25.4	17.5	7.9	-	5000
10153	-	-	7	46.0	20.0	15.0	4.0	1500

### Suction Pads with Plastic Hook

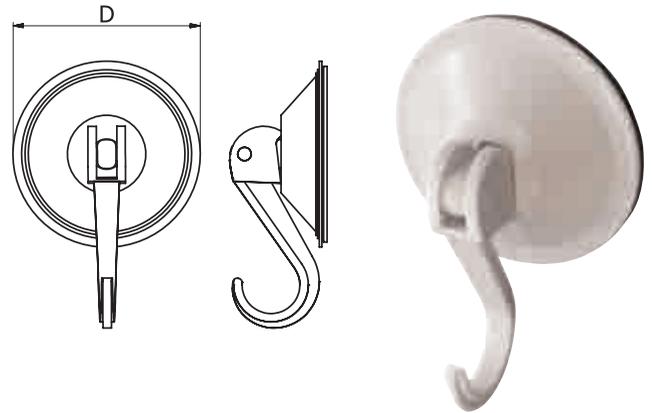
SR 1691  
Clear PVC



Part Number	Dimensions (mm)			Standard Pack Quantity
	D	H	d	
492730	30.0	14.0	10.0	800
492731	35.0	12.5	11.4	800
492732	40.0	16.0	10.0	500
492733	50.0	17.8	10.0	400

### Power Suction Pads

SR1691  
White PP with PVC Attachment

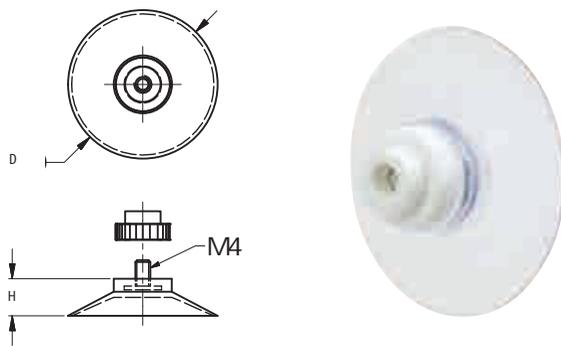


Part Number	D (mm)	Standard Pack Quantity
492734	45.0	500
492735	55.0	300
497401	73.0	300

### Suction Cup with Thread

SR 1691  
PVC

- Suction pad with thread, holds print securely in place
- An ideal print fixing to windows and flat surfaces
- Thread Size - M4

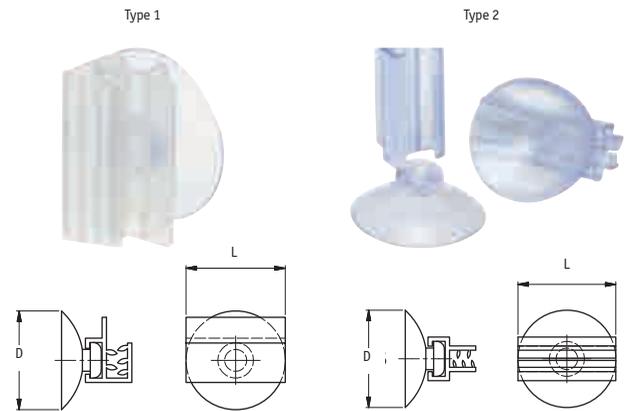


Part Number	Dimensions (mm)		Standard Pack Quantity
	D	H	
497235	40.0	10.0	100

### Suction Pad with Ticket Fixing

SR1874  
PVC

- Holds print thickness of 0.5-2mm
- Type 1 with flat sign fixing
- Type 2 with horizontal sign fixing

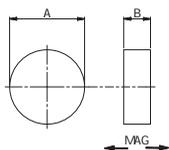


Part Number	Type	Dimensions (mm)		Standard Pack Quantity
		D	L	
496763	1	25.0	25.0	100
496764	2	25.0	25.0	200

## Ferrite Disc Magnets

SR 2331

Ferrite



Part Number	Type	A (mm)	B (mm)	Pull (kg)	Grade	Standard Pack Quantity
1219341	1	14	5	0.3	C5	100
1219342	1	20	5	0.4	C5	100
1219343	1	30	5	0.6	C5	50
1219344	2	20	10	0.6	C8	10

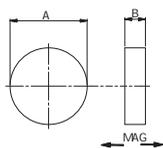
- Because of their high coercivity these magnets are suitable for a wide variety of applications
- These circular ferrite discs, are magnetised with multipoles on one face
- They can be used in Reed Switches, holding devices such as pot magnets, security systems, audio visual systems and many more applications
- They can be used in security systems, audio visual systems and many more applications
- Type 1 - Standard disc shape
- Type 2 - Ring with a 5mm counter sunk hole

## Neodymium Disc Magnets

SR 2332

N42, NiCuNi plated

- Neodymium Iron Boron magnets are made from an alloy containing, amongst others, the elements Neodymium, Iron and Boron (NdFeB). The NdFeB magnets are the strongest type of magnet commercially available
- These magnets can be bonded in place using structural adhesive and offer incredible performances through large air gaps
- They have triple coated plating (Nickel Copper Nickel) for maximum protection against corrosion
- Maximum operating temperature: 100°C



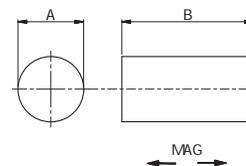
Part Number	A (mm)	B (mm)	Pull (kg)	Standard Pack Quantity
1219345	10	1.0	0.5	20
1219346	10	3.0	1.6	20
1219347	10	4.0	2.2	10
1219348	10	5.0	2.7	10
1219349	12	2.0	1.3	20
1219350	14	4.0	3.1	10
1219351	15	1.0	0.8	20
1219352	15	4.0	3.3	10
1219353	18	3.0	3.4	10
1219354	19	5.0	6.0	4
1219355	20	0.5	0.45	10
1219356	20	1.0	1.1	10
1219357	20	2.0	2.4	10
1219358	20	3.0	3.6	5
1219359	20	5.0	6.4	2
1219360	20	10.0	11.0	2
1219361	22	6.0	8.5	2
1219362	22	10.0	13.0	1
1219363	25	10.0	15.5	1
1219364	40	5.0	14.0	1

## Neodymium Rod Magnets

SR 2333

N42, NiCuNi plated

- Neodymium Iron Boron magnets are made from an alloy containing, amongst others, the elements Neodymium, Iron and Boron (NdFeB). The NdFeB magnets are the strongest type of magnet commercially available
- These magnets can be bonded in place using structural adhesive and offer incredible performances through large air gaps
- They have triple coated plating (Nickel Copper Nickel) for maximum protection against corrosion
- Maximum operating temperature: 100°C



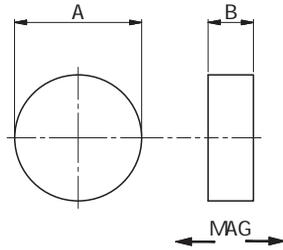
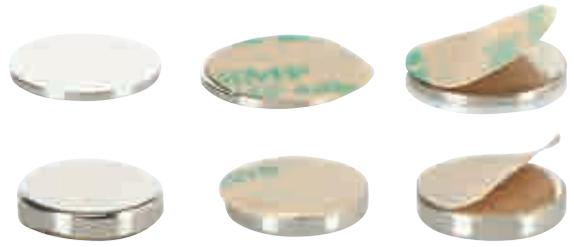
Part Number	A (mm)	B (mm)	Pull (kg)	Standard Pack Quantity
1219365	10	10	3.75	5
1219366	10	20	4.40	2
1219367	10	30	4.80	2
1219368	20	20	16.00	2
1219369	3	13	0.34	25
1219370	3	20	0.40	25
1219371	4	6	0.60	50
1219372	5	10	0.95	20
1219373	5	20	1.00	10
1219374	5	30	1.05	5
1219375	6	8	1.40	20
1219376	8	20	2.70	2
1219377	8	30	2.80	2

## Adhesive Backed Magnets

SR 2334

N42, NiCuNi plated

- These Self Adhesive Backed Neodymium Disc Magnets are triple coated (NiCuNi) for maximum protection against corrosion
- They are supplied with a strong adhesive on one face of the magnet which allows the user to very quickly peel away the protective film and stick the magnet to a wide range of surfaces
- Available in North or South adhesive side polarity



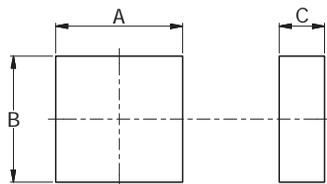
Part Number	Adhesive Side Polarity	A (mm)	B (mm)	Pull (kg)	Standard Pack Quantity
1219378	North	6	1	0.30	25
1219379	South	6	1	0.30	25
1219380	North	8	1	0.40	25
1219381	South	8	1	0.40	25
1219382	North	10	1	0.50	20
1219383	South	10	1	0.50	20
1219384	North	12	1	0.65	20
1219385	South	12	1	0.65	20
1219386	North	15	1	0.80	20
1219387	South	15	1	0.80	20
1219388	North	8	2	0.80	25
1219389	South	8	2	0.80	25
1219390	North	10	2	1.00	20
1219391	South	10	2	1.00	20

## Rectangular Magnets

SR 2335

N42, NiCuNi plated

- The Neodymium magnets are the strongest type of magnet commercially available
- Neodymium Magnets exert very high forces and can attract each other through very large distances making them very popular for a range of applications that include wind generation, electric motors, packaging, scientific experiments, design and display
- They also have an immense and unbeatable resistance to being demagnetised, making them ideal for repulsion applications as well as attractive applications
- The magnets are triple coated (NiCuNi) for maximum protection against corrosion



Part Number	B (mm)	A (mm)	C (mm)	Pull (kg)	Standard Pack Quantity
1219392	3	3	3.0	0.7	25
1219393	5	5	2.0	0.7	25
1219394	5	5	5.0	1.6	25
1219395	5	10	2.0	1.0	25
1219396	10	10	5.0	3.6	10
1219397	15	5	1.0	0.6	10
1219398	15	15	8.0	8.5	4
1219399	20	6	1.5	1.2	10
1219400	20	10	5.0	5.1	5
1219401	25	5	5.0	4.1	5
1219402	25	10	3.0	3.4	5
1219403	25	10	5.0	5.5	5
1219404	40	20	10.0	19.9	1
1219405	42	8	10.0	13.0	2
1219406	50	12	25.4	42.8	1
1219407	50	25	2.0	4.9	2
1219408	50	25	10.0	24.8	1
1219409	50	50	5.0	18.1	1
1219410	50	50	25.0	88.5	1
1219411	100	20	4.0	12.9	1
1219412	100	50	10.0	49.7	1

## Countersunk Magnets

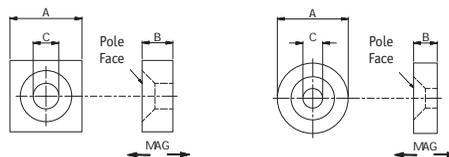
SR 2336

N42, NiCuNi plated

- These countersunk magnets are extremely versatile and the very powerful neodymium magnet is easily fixed using a simple countersunk screw
- They are triple coated (NiCuNi) for maximum protection against corrosion



- Maximum operating temperature 100°C
- These magnets are available in both North and South facing polarities
- Type 1 is a round disc design
- Type 2 is a square design with a length and width of 10mm



Part Number	Type	Facing Polarity	A (mm)	B (mm)	Countersunk Hole Width (mm)	Pull (kg)	Standard Pack Quantity
1219413	1	North	10	5	3.2	2.1	10
1219414	1	South	10	5	3.2	2.1	10
1219415	2	North	-	5	5.0	2.4	10
1219416	2	South	-	5	5.0	2.4	10
1219417	1	North	20	2	3.0	2.2	5
1219418	1	South	20	2	3.0	2.2	5
1219419	1	North	20	5	5.0	4.7	2
1219420	1	South	20	5	5.0	4.7	2
1219421	1	North	20	10	6.0	9.4	1
1219422	1	South	20	10	6.0	9.4	1
1219423	1	North	23	20	6.0	23.2	1
1219424	1	South	23	20	6.0	23.2	1
1219425	1	North	25	5	6.0	6.0	1
1219426	1	South	25	5	6.0	6.0	1

## Neodymium Pot Magnets

SR 2337

N38, Chrome plated

- Neodymium pot magnets combine the power of a neodymium magnet with the durability of a mild steel shell
- They offer exceptional performance
- Type 1 magnets have an M4 tapped hole in the back for mounting and are supplied with a removable steel hook
- Type 2 magnets have an M5 tapped hole and are supplied without a hook
- Maximum operating temperature: 100°C



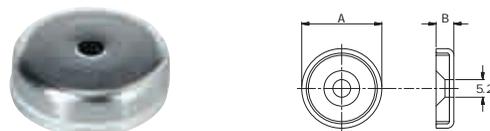
Part Number	Type	A (mm)	B (mm)	Pull (kg)	Standard Pack Quantity
1219427	1	15.0	15	13.7	1
1219428	2	18.9	8	9.2	1
1219429	1	20.0	16	19.6	1
1219430	2	25.0	8	12.0	1
1219431	2	32.0	8	15.4	1

## Ferrite Shallow Pot Magnets

SR 2338

Ferrite C5

- These magnets are economical, ferrite magnets, which are chrome plated to give a high corrosion resistance which also makes them robust
- The pot magnets have a countersunk hole in the front (magnetic) face and can be easily fixed in place with an M5 countersunk screw
- They are ideal for using in a fixing application such as Point of Sale Displays, Exhibitions, Marketing displays, on doors and holding lights in place
- They are available in diameters from 25mm with a 3.5kg pull up to 40mm with a 9kgs pull
- Maximum operating temperature is 180°C
- All mounting holes are 5.2mm with a countersink



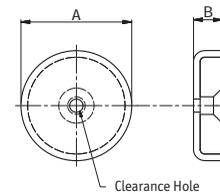
Part Number	A (mm)	B (mm)	Pull (kg)	Standard Pack Quantity
1219432	25	7	3.5	4
1219433	32	7	7.0	4
1219434	40	8	9.0	4

## Shallow Pot Magnets

SR 2339

Alnico 5

- These shallow pot magnets are low profile for applications where height is limited
- They have a clearance hole through and a countersink on the magnetic face to accept a countersunk screw
- Shallow pot magnets can be fixed onto or sunken into steel surfaces without any loss of performance
- Maximum operating temperature: 500°C
- Magnet material: Alnico 5



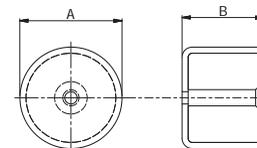
Part Number	A (mm)	B (mm)	Pull (kg)	Standard Pack Quantity
1219435	19	7.5	3	1
1219436	29	9.0	5	1
1219437	38	10.0	13	1

## Deep Pot Magnets

SR 2340

Alnico 5

- Deep pot magnets have a steel outer shell with a tapped hole in the back and a highly magnetic front face
- These are ideal for incorporating into jigs and fixtures
- They offer high holding forces on parts that are thick and clean with a good surface finish
- Maximum operating temperature: 220°C



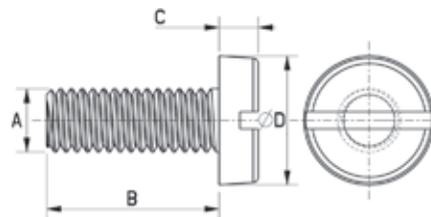
Part Number	A (mm)	B (mm)	Pull (kg)	Tapped Hole Size	Standard Pack Quantity
1219438	9.5	15	1.0	M3	1
1219439	12.7	16	2.0	M3	1
1219440	17.5	16	2.5	M6	1
1219441	20.5	19	4.0	M6	1
1219442	27.0	25	6.0	M6	1
1219443	35.0	30	14.0	M6	1

## Metal Slotted Screw

SR5713

Mild Steel

- Finish: Metal, zinc
- Universal Fasteners according to DIN 85 or ISO 1580 standards



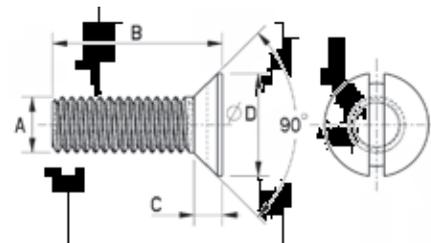
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
050030640952	M3	6	1.8	6	500
050030840952	M3	8	1.8	6	500
050031040952	M3	10	1.8	6	500
050031240952	M3	12	1.8	6	500
050031640952	M3	16	1.8	6	500
050032040952	M3	20	1.8	6	250
050040640952	M4	6	2.4	8	250
050040840952	M4	8	2.4	8	250
050041040952	M4	10	2.4	8	250
050041240952	M4	12	2.4	8	250
050041640952	M4	16	2.4	8	250
050042040952	M4	20	2.4	8	250
050042540952	M4	25	2.4	8	250
050043040952	M4	30	2.4	8	100
050051040952	M5	10	3	10	250
050051640952	M5	16	3	10	250
050052040952	M5	20	3	10	250
050053040952	M5	30	3	10	50
050054040952	M5	40	3	10	50
050061640952	M6	16	3.6	12	100
050062040952	M6	20	3.6	12	100
050063040952	M6	30	3.6	12	50
050064040952	M6	40	3.6	12	50

## Metal Countersunk Screw

SR5715

Mild Steel

- Universal fastener made from mild steel
- Finish: Metal, zinc
- Meets DIN 963, ISO 2009 (metal) standards



Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
080030640952	M3	6	1.6	5.6	500
080030840952	M3	8	1.6	5.6	500
080031040952	M3	10	1.6	5.6	500
080031240952	M3	12	1.6	5.6	500
080031640952	M3	16	1.6	5.6	500
080032040952	M3	20	1.6	5.6	500
080040640952	M4	6	2.2	7.5	500
080040840952	M4	8	2.2	7.5	500
080041040952	M4	10	2.2	7.5	500
080041240952	M4	12	2.2	7.5	500
080041640952	M4	16	2.2	7.5	500
080042040952	M4	20	2.2	7.5	500
080051040952	M5	10	2.5	9.2	250
080051240952	M5	12	2.5	9.2	250
080051640952	M5	16	2.5	9.2	250
080052040952	M5	20	2.5	9.2	250

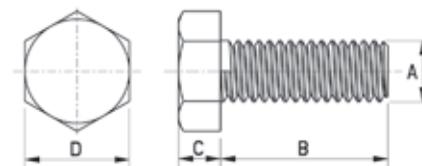
## Metal Hexagonal Head Screw

SR 5714

Mild Steel

- Universal fastener made from Mild Steel
- Finish: Metal, zinc
- Meets DIN 933, ISO 4017 (metal) standards

Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
079030640952	M3	6	2	5.5	250
079030840952	M3	8	2	5.5	250
079031240952	M3	12	2	5.5	250
079031640952	M3	16	2	5.5	250
079032540952	M3	25	2	5.5	100
079040640952	M4	6	2.8	7	250
079040840952	M4	8	2.8	7	250
079041040952	M4	10	2.8	7	250
079041240952	M4	12	2.8	7	250
079041640952	M4	16	2.8	7	250
079042040952	M4	20	2.8	7	250
079044040952	M4	40	2.8	7	100
079051040952	M5	10	3.5	8	250
079053040952	M5	30	3.5	8	100
079054040952	M5	40	3.5	8	50
079061640952	M6	16	4	10	250
079062040952	M6	20	4	10	100
079064040952	M6	30	4	10	50
079065040952	M6	50	4	10	50



## Metal Socket Head Screw

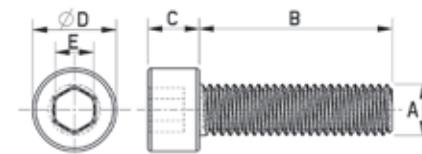
SR 5716

Mild Steel

- Made from Mild Steel (M4-M5)
- Finish: Metal, zinc
- According to DIN912, NF E25-125, ISO 4762



Part Number	Dimensions (mm)					Standard Pack Quantity
	A	B	C	D	E	
340040640952	M4	6	4	7	3	100
340041040952	M4	10	4	7	3	100
340041240952	M4	12	4	7	3	100
340041640952	M4	16	4	7	3	100
340042040952	M4	20	4	7	3	100
340042540952	M4	25	4	7	3	100
340050840952	M5	8	5	8.5	4	100
340051240952	M5	12	5	8.5	4	100
340052040952	M5	20	5	8.5	4	100
340052540952	M5	25	5	8.5	4	100
340053040952	M5	30	5	8.5	4	100

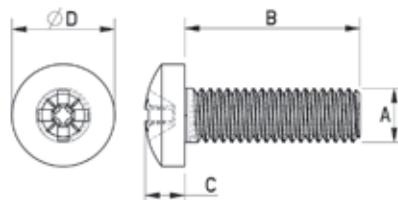


## Metal Pan Head Machine Screw

SR 5718

Mild Steel

- Made from Mild Steel (M3-M5)
- Finish: metal, zinc
- According to DIN985, ISO 7045



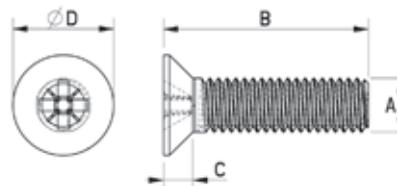
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
342030640952	M3	6	2.4	5.6	500
342030840952	M3	8	2.4	5.6	500
342031040952	M3	10	2.4	5.6	500
342031240952	M3	12	2.4	5.6	500
342031640952	M3	16	2.4	5.6	500
342032040952	M3	20	2.4	5.6	500
342040640952	M4	6	3.1	8	500
342040840952	M4	8	3.1	8	500
342041040952	M4	10	3.1	8	500
342041240952	M4	12	3.1	8	500
342041640952	M4	16	3.1	8	500
342042040952	M4	20	3.1	8	250
342042540952	M4	25	3.1	8	250
342050840952	M5	8	3.7	9.5	250
342051040952	M5	10	3.7	9.5	250
342051240952	M5	12	3.7	9.5	250
342051640952	M5	16	3.7	9.5	250
342052040952	M5	20	3.7	9.5	250
342053040952	M5	30	3.7	9.5	250

## Metal Flat Head Machine Screw

SR 5717

Mild Steel

- Finish: Metal, zinc
- According to DIN965, ISO 7046



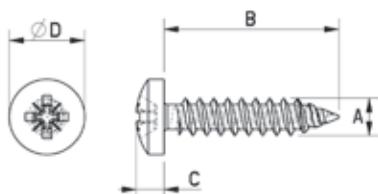
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
341030640952	M3	6	1.7	5.6	500
341030840952	M3	8	1.7	5.6	500
341031040952	M3	10	1.7	5.6	500
341031240952	M3	12	1.7	5.6	500
341031640952	M3	16	1.7	5.6	500
341032040952	M3	20	1.7	5.6	500
341040840952	M4	8	2.2	7.5	500
341041040952	M4	10	2.2	7.5	500
341041240952	M4	12	2.2	7.5	500
341041640952	M4	16	2.2	7.5	500
341042040952	M4	20	2.2	7.5	500
341042540952	M4	25	2.2	7.5	500
341051040952	M5	10	2.5	9.2	250
341051240952	M5	12	2.5	9.2	250
341051640952	M5	16	2.5	9.2	250
341052040952	M5	20	2.5	9.2	250
341052540952	M5	25	2.5	9.2	250

## Metal Pan Head Tapping Screw

SR 5719

Mild Steel

- Finish: zinc
- According to DIN7981, ISO7049



Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
343290740952	2.9	6.5	2.2	5.6	500
343291040952	2.9	9.5	2.2	5.6	500
343291340952	2.9	13	2.2	5.6	500
343291640952	2.9	16	2.2	5.6	500
343291940952	2.9	19	2.2	5.6	500
343292540952	2.9	25	2.2	5.6	500
343350740952	3.5	6.5	2.6	6.9	500
343351040952	3.5	9.5	2.6	6.9	500
343351340952	3.5	13	2.6	6.9	500
343351640952	3.5	16	2.6	6.9	500
343351940952	3.5	19	2.6	6.9	500
343352540952	3.5	25	2.6	6.9	500

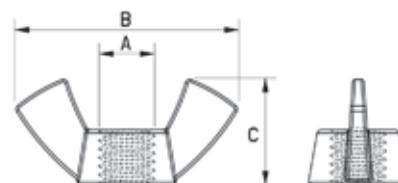
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
343421040952	4.2	9.5	3.05	8.2	500
343421340952	4.2	13	3.1	8.2	500
343421640952	4.2	16	3.1	8.2	500
343421940952	4.2	19	3.1	8.2	500
343422540952	4.2	25	3.1	8.2	500
343423240952	4.2	32	3.1	8.2	500
343481040952	4.8	9.5	3.6	9.5	250
343481340952	4.8	13	3.6	9.5	250
343481640952	4.8	16	3.6	9.5	250
343481940952	4.8	19	3.6	9.5	250
343482540952	4.8	25	3.6	9.5	250
343483840952	4.8	38	3.6	9.5	250

## Metal Wing Nut

SR 5737

Mild Steel

- Finish: zinc
- Universal fasteners according to DIN or ISO standards



Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
053030140952	M3	17.6	8.6	50
053040140952	M4	17.6	8.6	50
053050140952	M5	22.5	11	50
053060140952	M6	27.8	13.6	50
053080140952	M8	30.3	14.8	50

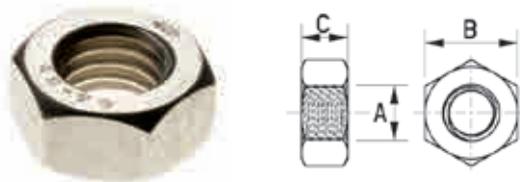
## Metal Nut

SR 5735

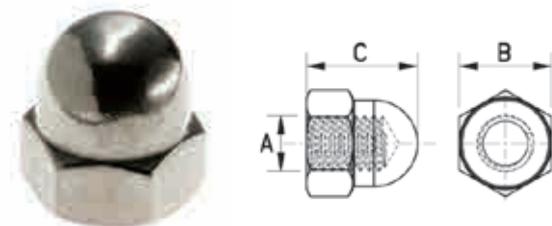
Mild Steel

- Finish: metal, zinc
- Universal fasteners according to DIN or ISO standards

Type 1



Type 2



Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	A	B	C		
051030040952	M3	5.5	2.4	1	1000
051040040952	M4	7	3.2	1	1000
051050040952	M5	8	4	1	1000
051060040952	M6	10	5	1	250
051080040952	M8	13	6.5	1	250

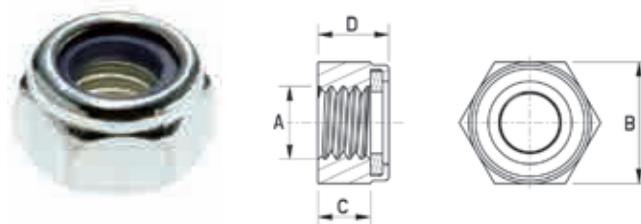
Part Number	Dimensions (mm)			Type	Standard Pack Quantity
	A	B	C		
052030140952	M3	5.5	5.1	2	50
052040040952	M4	7	8	2	50
052050040952	M5	8	10	2	50
052060040952	M6	10	12	2	50
052080040952	M8	13	15	2	10

## Metal Lock Nut DIN 985

SR 5736

Mild Steel

- Finish: metal, zinc
- Prevents any loosening
- Excellent anti-vibration properties
- According to DIN 985, ISO 10511



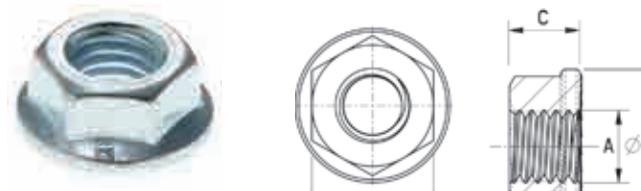
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
348030040952	M 3	5.5	2.4	4	500
348040040952	M 4	7	2.9	5	500
348050040952	M 5	8	3.2	5	500
348060040952	M 6	10	4	6	500

## Metal Flange Nut DIN 6923

SR5736

Mild Steel

- Finish: zinc
- Notched base for broad support
- Limits loosening
- According to DIN 6923, ISO 4161



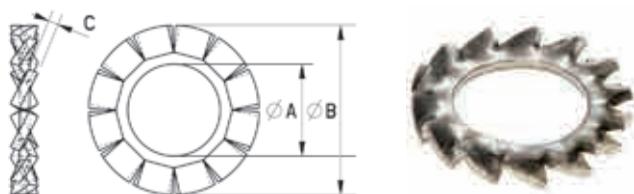
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
349030040952	M 3	5.5	4	8	500
349040040952	M 4	7	4.6	10	500
349050040952	M 5	8	5	10.8	500
349060040952	M 6	10	6	13.3	500

### Metal Locking Washer

SR 5738

Mild Steel

- Finish: Metal or zinc
- Developed for locking screws, bolts and nuts
- Prevent the loosening of PCB spacers by vibrations



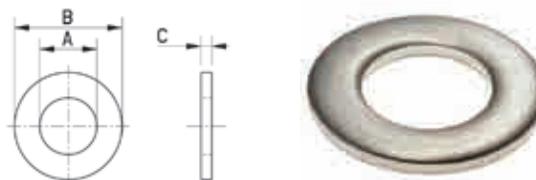
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
344030040952	3.1	6	0.4	1000
344040040952	4.1	8	0.5	1000
344050040952	5.1	9.2	0.6	1000
344060040952	6.1	11	0.7	500
344080040952	8.2	14	0.8	250

### Metal Flat Washer – DIN 125

SR 5738

Mild Steel

- Finish: Metal or zinc
- Standardised for general use according to DIN 125, ISO 7089



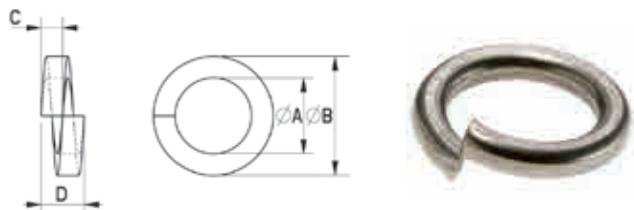
Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
346030040952	3.2	7	0.5	1000
346040040952	4.3	9	0.8	1000
346050040952	5.3	10	1	1000
346060040952	6.4	12.5	1.6	1000
346080040952	8.4	17	1.6	1000

### Spring Washer

SR 5738

Mild Steel

- Finish: metal or zinc
- Prevents loosening
- According to DIN 7980



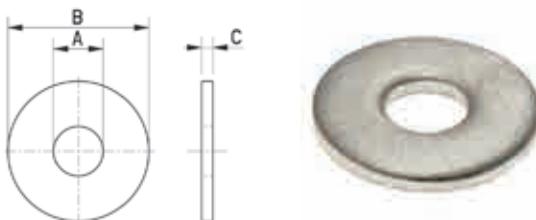
Part Number	Dimensions (mm)				Standard Pack Quantity
	A	B	C	D	
345030040952	3.1	5.6	1.0	2.0	1000
345040040952	4.1	7	1.2	2.4	1000
345050040952	5.1	8.8	1.6	3.2	1000
345060040952	6.1	9.9	1.6	3.2	1000
345080040952	8.1	12.7	2.0	4.0	1000

### Metal Flat Washer – DIN 9021

SR 5738

Mild Steel

- Finish: Metal or zinc
- Better distribution of clamping force
- According to DIN 9021, ISO 7093



Part Number	Dimensions (mm)			Standard Pack Quantity
	A	B	C	
347030040952	3.2	9	0.8	1000
347040040952	4.3	12	1.0	1000
347050040952	5.3	15	1.2	1000
347060040952	6.4	18	1.6	1000

## Key Locking Threaded Inserts

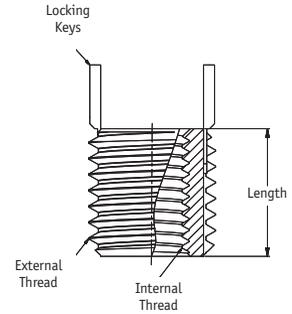
SR 2341

P200535

Steel: C1215, Parkerized

Stainless Steel: 303, Passivated

- Quickly repair stripped, damaged or worn out threads
- Easily installed using standard drills and taps
- Once the locking keys are driven down, the insert is tightly locked and will not turn
- Internal threads are to class 2B
- External threads are to class 2A
- Inserts with internal thread size M7 or larger have four locking keys
- Smaller sizes have two locking keys
- Solid inserts allow you to relocate or fill in holes that are too large



### Thinwall

Part Number		Internal Thread	External Thread	Length (mm)	Minimum Tap Depth (mm)	Standard Pack Quantity	Corresponding Installation Tool Part Number
Steel	Stainless Steel						
KLI-65951	KLI-66351	M5 x 0.80	M8 x 1.25	8	9.5	1	KLI-64751
KLI-65952	KLI-66352	M6 x 1.00	M10 x 1.25	10	11.5	1	KLI-64752
KLI-65953	KLI-66353	M8 x 1.25	M12 x 1.25	12	13.5	1	KLI-64753
KLI-66153	KLI-66553	M8 x 1.00	M12 x 1.25	12	13.5	1	KLI-64753
KLI-65955	KLI-66355	M10 x 1.50	M14 x 1.50	14	15.5	1	KLI-64755
KLI-66155	-	M10 x 1.25	M14 x 1.50	14	15.5	1	KLI-64755
KLI-65956	KLI-66356	M12 x 1.75	M16 x 1.50	16	17.5	1	KLI-64756

### Solid

Part Number		Internal Thread	External Thread	Length (mm)	Minimum Tap Depth (mm)	Standard Pack Quantity	Corresponding Installation Tool Part Number
Steel	Stainless Steel						
KLI-66023	-	-	M12 x 1.25	12	14.5	1	KLI-64823
KLI-66026	-	-	M18 x 1.50	18	20.5	1	KLI-64826

### Heavy Duty

Part Number		Internal Thread	External Thread	Length (mm)	Minimum Tap Depth (mm)	Standard Pack Quantity	Corresponding Installation Tool Part Number
Steel	Stainless Steel						
KLI-65963	KLI-66363	M4 x 0.70	M8 x 1.25	8	9.5	1	KLI-64763
KLI-65964	KLI-66364	M5 x 0.80	M10 x 1.25	10	12.5	1	KLI-64764
KLI-65965	KLI-66365	M6 x 1.00	M12 x 1.25	12	14.5	1	KLI-64765
KLI-65966	KLI-66366	M8 x 1.25	M14 x 1.50	14	16.5	1	KLI-64766
KLI-66166	-	M8 x 1.00	M14 x 1.50	14	16.5	1	KLI-64766
KLI-65967	KLI-66367	M10 x 1.50	M16 x 1.50	16	18.5	1	KLI-64767
KLI-66167	-	M10 x 1.25	M16 x 1.50	16	18.5	1	KLI-64767
KLI-65969	KLI-66369	M12 x 1.75	M18 x 1.50	18	20.5	1	KLI-64769
KLI-66169	-	M12 x 1.25	M18 x 1.50	18	20.5	1	KLI-64769
KLI-65970	-	M14 x 2.00	M20 x 1.50	20	22.5	1	KLI-64770
KLI-66170	-	M14 x 1.50	M20 x 1.50	20	22.5	1	KLI-64770
KLI-66971	KLI-66371	M16 x 2.00	M22 x 1.50	22	24.5	1	KLI-64771
KLI-66171	-	M16 x 1.50	M22 x 1.50	22	24.5	1	KLI-64771
KLI-66172	-	M18 x 1.50	M24 x 1.50	24	26.5	1	KLI-64772
KLI-65973	-	M20 x 2.50	M30 x 2.00	30	34.5	1	KLI-64773
KLI-66173	-	M20 x 1.50	M30 x 2.00	30	34.5	1	KLI-64773
KLI-66174	-	M22 x 1.50	M32 x 2.00	32	36.5	1	KLI-64774
KLI-65975	-	M24 x 3.00	M33 x 2.00	33	37.5	1	KLI-64775

### Installation instructions:

**Step 1:** Drill out a hole to allow full tap depth shown in the description. Note, the tap drill is oversized

**Step 2:** Countersink to specifications in the chart

**Step 3:** Tap hole to specifications in the chart

**Step 4:** Screw in insert (by hand) to 0.25-0.75mm below surface

**Step 5:** Drive down locking keys with installation tool

### Installation Instruction Data

Insert External Thread Class 6g Diameter Pitch	Installation Data			Removal Data	
	Tap Drill Size	Countersink Diameter (+0.25)	Thread Tap Class 6H	Drill	
				Size	Depth
M8 x 1.25	6.90	8.25	M8 x 1.25	5.50	4.00
M10 x 1.25	8.80	10.25	M10 x 1.25	7.50	4.75
M12 x 1.25	10.80	12.25	M12 x 1.25	9.50	4.75
M14 x 1.5	12.80	14.25	M14 x 1.5	11.50	4.75
M16 x 1.5	14.75	16.25	M16 x 1.5	13.50	4.75
M18 x 1.5	16.75	18.25	M18 x 1.5	15.50	4.75
M20 x 1.5	18.75	20.25	M20 x 1.5	17.50	4.75
M22 x 1.5	20.50	22.25	M22 x 1.5	17.75	6.35
M24 x 1.5	22.50	24.25	M24 x 1.5	19.75	6.35
M30 x 2.0	28.00	30.25	M30 x 2.0	25.75	6.35
M32 x 2.0	30.00	32.25	M32 x 2.0	27.75	6.35
M33 x 2.0	31.00	33.25	M33 x 2.0	28.75	6.35

**Thread Repair Tools**

SR 2342

P200550



- Quickly repairs damaged bolts
- Twisting the handle opens and closes the floating blades around a bolt
- Rotating the tool around the bolt quickly repairs damaged threads
- Adjusts to different diameters, inch or metric
- Blades automatically adapt to any thread pitch or groove
- Can be used on right hand or left hand threads
- Replacement blades are available

Part Number	Description	Standard Pack Quantity
NES-2	Extra Small Rethreader (4-18mm)	1
NES-3	Small Rethreader (6-19mm)	1
NES-1R	Rethreader Replacement	2
NES-2R	Rethreader Replacement	2

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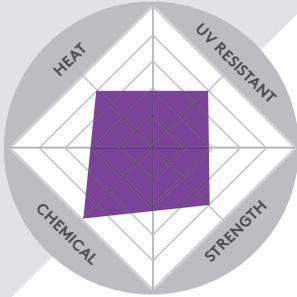
# FASTENERS MATERIAL SELECTION GUIDE

Before you can choose a fastener, you need to know the characteristics of the material it's made of. Our handy guide will help you understand which material is ideal for the job at hand.

## PEEK

POLYETHER ETHER KETONE

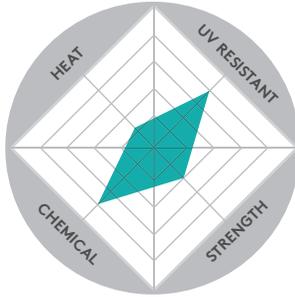
🌡️ 180C/356F 🔥 UL94-V-O ⚡ 16 kV/mm



## PVC

POLYVINYL CHLORIDE

🌡️ 55C/95F



## POM

POLYCETAL

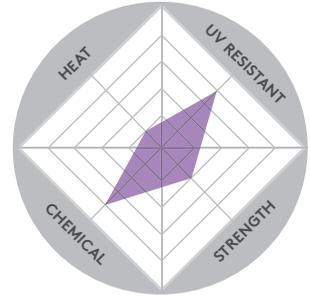
🌡️ 85C/203F 🔥 UL94-HB ⚡ 35 kV/mm



## PP

POLYPROPYLENE

🌡️ 65C/149F 🔥 UL94-HB ⚡ 30 kV/mm



## PC

POLYCARBONATE

🌡️ 115C/239F 🔥 UL 94-V-2 ⚡ 17 kV/mm



## PPS

POLYPHENYLENE SULFIDE

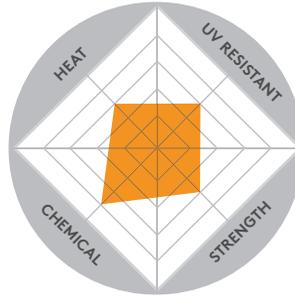
🌡️ 200C/392F 🔥 UL94-V-O ⚡ 15kV/mm



## PVDF

POLYVINYLIDENE FLUORIDE

🌡️ 150C/302F 🔥 UL94-V-O ⚡ 21 kV/mm



## PA

POLYAMIDE

🌡️ 85C/149F 🔥 UL94-V2



🌡️ FLAMABILITY 🔥 OPERATING TEMPERATURE ⚡ ELECTRIC STRENGTH

\*The above are indicative measures only and can vary depending on the material grade, please ask us for Material Data Sheets for accurate measurements of specific parts.

Material	Temperature Stability	Strength	Mechanical Resistance	Impact Resistance	UV Resistant Protection	Acids/ Alkaline Resistance	Weather Resistance	Heat Resistance	Flame Resistance
Nylon	Good	Good	Good	Poor	Poor	Poor	Poor	Poor	Poor
PP	Good	Poor	Poor	Poor	Poor	Good	Poor	Poor	Poor
PVDF	Good	Poor	Good	Poor	Good	Good	Good	Good	Good
Polycarbonate	Poor	Good	Poor	Good	Good	Poor	Good	Good	Poor
POM	Poor	Poor	Good	Poor	Poor	Poor	Poor	Good	Poor
TPE	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor
PEEK	Good	Good	Good	Good	Poor	Good	Good	Good	Good

## RAW MATERIAL INFORMATION

### UL® File Number and UL® Yellow Cards

Underwriter's Laboratories Inc. (UL®), plastics classification number is used to describe the performance of the material. Tests conducted by UL® may include the determination of material flammability (burning characteristics), ignition characteristics from various thermal and electrical sources, electrical tracking and other electrical characteristics, physical and mechanical characteristics, and analytical tests. In addition, the effect of long-term exposure to elevated temperature (air-oven aging), water, ultraviolet light, cold, etc. on property-retention may be evaluated.

For more information and to download the UL® Yellow Card for an Essentra product, please visit [www.ul.com](http://www.ul.com) and click on "Certifications".

### UL® Flame Rating

UL94 classifications V0, V1, V2, and HB describe the flame retardancy levels for a given resin. V0 rated resins typically have the highest flame resistance followed by V1, V2, and HB.

For more information on UL® Flame Ratings and the Vertical Burn Test, please visit [www.ul.com](http://www.ul.com).

### Material Operating Temperatures

The Material Temperature Ranges shown in the RMS Table are based on datasheets from the respective resin manufacturers and/or UL® RTI values. The values shown are for reference only to assist in material selection for your application. As each resin manufacturer uses different methods to evaluate the performance of their resins, the temperature ranges shown cannot necessarily be used to compare materials directly.

## ADHESIVE TAPE USAGE GUIDELINES

### Loads and Product Usage Guidelines

Long-term maximum product application loads generally should not exceed 0.25psi. The surface area of contact is very critical for bond strength, so the amount of tape used should be maximised based on the application. In general, the tensile strength of the adhesive is higher than the peel or shear strength, so the product should be designed to be loaded in tension whenever possible.

### Polyamide and Adhesive Shelf Life

If products are kept under the ideal storage conditions, (original, unopened bags at 23°C (73°F) and 50% relative humidity), shelf life is one 1 year from date of shipment.

### Temperature Considerations

Ideal application temperature for most Essentra adhesives is 70°-100°F (21°-38°C). Lower application temperatures should be avoided as the adhesive will be too firm and may not 'wet out' sufficiently. Operating temperatures of Essentra adhesives are shown in the RMS table.

### Application Guide

**Surface Condition:** The bonding surfaces must be clean, uniform, dry and free of condensation. Do not use on fabric, coarse concrete, loose paint, or rough, loose surfaces.

**Surface Preparation:** For maximum performance, clean the mounting surfaces with a cleaning solvent such as a 50/50 mixture of isopropyl alcohol and water. Be sure to follow the solvent manufacturer's directions for use. Some surfaces may require a sealant or primer to achieve the desired bonding. Test the product on your actual application.

**Application Pressure:** Remove the release liner being very careful not to touch the adhesive surface and then quickly and firmly rub the product into place. Firm pressure is needed to ensure full contact and to allow the adhesive to fully wet-out on the mating surfaces.

**Dwell Time:** The bond strength is affected by the substrate surface, application temperature and dwell time. At room temperature approximately half of the bond strength will be obtained within the first half hour with the majority of the strength achieved within 24 hours. Therefore, whenever possible wait 24 hours before applying load.

**Acrylic vs. Rubber Based Adhesives:** In general, rubber based adhesives offer higher initial tack whereas acrylic based adhesives maintain higher mechanical strength over time. One should evaluate the performance of the product on the actual end use application. Contact your local Essentra Components representative for additional physical property and chemical resistance data.

## COMMON MATERIAL ABBREVIATIONS

**ABS** = Acrylonitrile-butadiene-styrene

**Acetal/POM** = Polyacetal

**CPVC** = Chlorinated polyvinyl chloride

**EPDM** = Ethylene-propylene-diene-monomer

**HDPE** = High density polyethylene

**HIPS** = High impact polystyrene

**LCP** = Liquid Crystal Polymer

**LDPE** = Low density polyethylene

**Nitrile Rubber** = Acrylonitrile rubber

**Polyamide** = Polyamide (PA)

**PBT** = Polybutylene terephthalate

**PC** = Polycarbonate

**PE** = Polyethylene

**PEI** = Polyether imide

**PP** = Polypropylene

**PPE/PS** = Polyphenylene ether/polystyrene alloy

**PPE/SB** = Polyphenylene ether/styrene-butadiene alloy

**PPS** = Polyphenylene sulfide

**PS** = Polystyrene

**PSU** = Polysulfone

**PU** = Polyurethane

**PVC** = Polyvinyl chloride

**PVDF** = Polyvinylidene fluoride

**SEBS** = Styrene-ethylene butylene-styrene block copolymer

**SIR** = Silicone molding compound

**TPE** = Thermoplastic elastomer

**TPR** = Thermoplastic rubber

#### RAW MATERIAL SPECIFICATION/DISCLAIMER OF WARRANTY:

These Raw Material Specifications shall not be construed as creating an express warranty of description. The specifications are approximate and intended to serve only as guides and not as the basis of any sale, agreement or contract of goods sold by Essentra Components reserves the right to change the raw material on any of its goods contained in this catalog without notice to any buyer. Further, these Raw Material Specifications have been provided by the manufacturer and Essentra Components does not warrant their accuracy.

# RMS SPECIFICATIONS

RMS No.	Material Description	UL File No.	UL Flame Rating	RoHS Compliance	Material Temperature Range °C
01	Polyamide 6/6	E70062	V-2	Y	-40 to 85
02	ABS	E38989	HB	Y	-40 to 95
03	PC	E45587	HB	Y	-40 to 115
04	PVC - Rigid	E41877	V-0	Y	0 to 50
05	PPE+PS	E121562	V-0	Y	-40 to 110
10	PP	E169973	HB	Y	0 to 65
14	Acetal - US	E38860	HB	Y	-50 to 100
14A	Acetal - UK	E42337	HB	Y	-50 to 100
15	Acrylic Adhesive/PU Foam Tape/PE Liner	MH16770	Not rated	Y	0 to 85
17	Polyamide 6/6	E41938	V-2	Y	-40 to 85
18	Polyamide 6/6, Heat Stabilised, 33% Glass Filled - US	E41938	HB	Y	-30 to 140
19	Polyamide 6/6, F.R.	E70062	V-0	Y	-40 to 110
21	Polyamide 66/6	E41938	HB	Y	-40 to 65
24	Rubber Adhesive/PE Foam Tape/HDPE Liner	NO U.L.	Not rated	Y	-40 to 90
32	PVC - Rigid	E41877	V-0	Y	0 to 50
34	Rubber Adhesive/PE Foam Tape	NO U.L.	Not rated	Y	-40 to 71
36	Polyamide 6	E80168	V-2	Y	-40 to 65
37	Polychloroprene, Nitrile Rubber	NO U.L.	Not rated	Y	-34 to 95
39	Acetal	E41938	HB	Y	-40 to 95
40	TPE	NO U.L.	Not rated	Y	-50 to 50
41	Nitrile Rubber	NO U.L.	Not rated	Y	-40 to 80
42	TPE	E80017	HB	Y	-60 to 95
45	Polyamide 6/6, Heat Stabilised	E41938	HB	Y	-40 to 85
46	Polyamide 6/6, UV Stabilised	E70062	V-2	Y	-40 to 85
47	Polyamide 6/6, Heat Stabilised	E41938	V-2	Y	-40 to 125
48	Polyamide 6/6	E41871	V-2	Y	-40 to 90
50	PPS, 40% Glass Filled	E54700	V-0	Y	-40 to 220
51	PSU	E41871	V-2	Y	0 to 155
52	Polyamide 6	E41871	V-2	Y	-40 to 115
54	PP	E169973	HB	Y	0 to 65
55	PVC - Flexible	E137220	V-0	Y	-35 to 50
60	Polyamide 6	E36632	V-2	Y	-40 to 65
61	Acetal	E41938	HB	Y	-50 to 95
63	Acetal	E41938	HB	Y	-50 to 95
67	TPE	E80017	HB	Y	-60 to 95
72	PC	E123529	V-2	Y	-40 to 125
73	Polyamide 6/6	E41938	HB	Y	-40 to 85
74	Polyamide 6/6	E41938	V-2	Y	-40 to 85
76	TPE	E80017	HB	Y	-50 to 95

RMS No.	Material Description	UL File No.	UL Flame Rating	RoHS Compliance	Material Temperature Range °C
85	Polyamide 6	NO U.L.	Not rated	Y	-40 to 100
88	Polyamide 6	E245249	HB	Y	-40 to 65
93	Acrylic Adhesive/PE Foam Tape/PE Paper Liner	NO U.L.	Not rated	Y	-40 to 70
94	PP	NO U.L.	Not rated	Y	0 to 65
95	Polyamide 6, F.R., Heat Stabilised	E147510	V-0	Y	-40 to 65
99	Acrylic Adhesive/PU Foam Tape/PE Liner	NO U.L.	Not rated	Y	-40 to 100
102	Rubber Adhesive/PE Foam Tape/PE Film Liner	MH15436	Not rated	Y	-18 to 66
103	Polyamide 6/66, F.R.	E41871	V-0	Y	-40 to 120
104	Polyamide 6/6, F.R., Heat Stabilised, 25% Glass Filled	E41938	V-0	Y	-40 to 130
109	Polyamide 4/6, Heat Stabilised	E47960	V-2	Y	-40 to 130
113	Acrylic Adhesive/PE Foam Tape/PE Liner	NO U.L.	Not rated	Y	-18 to 107
114	ABS	E56070	HB	Y	0 to 85
118	PVC - Flexible	NO U.L.	Not rated	Y	0 to 50
119	Rubber Adhesive/PE Foam Tape/PE Liner	NO U.L.	Not rated	Y	18 to 65
120	Polyamide 6	E53664	V-2	Y	-40 to 85
121	Acetal	E41938	HB	Y	-50 to 95
126	PP	E85783	HB	Y	0 to 65
128	Rubber Adhesive/PE Foam Tape/Silicone Coated Paper Liner	NO U.L.	Not rated	Y	-29 to 66
129	Rubber Adhesive/PE Foam Tape/Silicone Coated Paper Liner	NO U.L.	Not rated	Y	-29 to 66
133	Polyamide 6/6	E53898	HB	Y	-40 to 105
134	LDPE	NO U.L.	Not rated	Y	0 to 65
135	Acrylic Adhesive/Silicone Foam	E57750	V-0	Y	-40 to 105
136	Rubber Adhesive/PE Foam Tape/PE Liner	NO U.L.	Not rated	Y	-40 to 60
139	Acrylic Adhesive/Non-woven Film/Paper Liner	NO U.L.	Not rated	Y	-40 to 60
148	Polyamide 6/6	E70062	HB	Y	-40 to 65
150	PP	NO U.L.	Not rated	Y	0 to 65
155	LDPE/HDPE Blend, UV Stabilised	NO U.L.	Not rated	Y	0 to 65
158	TPE	E80017	HB	Y	-50 to 95
159	Polyamide 6	E47960	V-2	Y	-30 to 85
162	PEI	E247337	V-0	Y	-40 to 200
163	HIPS	E108538	HB	Y	-20 to 50
164	Polyamide 6/6, Heat Stabilised	E70062	V-2	Y	-40 to 125
168	TPE	E80017	HB	Y	-40 to 50
169	Polyamide 6/6, F.R.	E53898	V-0	Y	-40 to 120
170	Ceramic	NO U.L.	Not rated	Y	-40 to 1700
172	Polyamide 6/6, Heat Stabilised	E41938	HB	Y	-40 to 110
173	Polyamide 6, 25% Glass Filled	E76261	HB	Y	-40 to 105
177	PP	E54080	V-2	Y	0 to 65
190	Neoprene Rubber	NO U.L.	Not rated	Y	-40 to 50

Please see Raw Material Specification/Disclaimer of Warranty and Polyamide Storage Guidelines/Shelf life statements on page 871. Please refer to our website for full terms and conditions.

RMS No.	Material Description	UL File No.	UL Flame Rating	RoHS Compliance	Material Temperature Range °C
192	Polyamide 11 Coating	NO U.L.	Not rated	Y	-40 to 140
193	PVC – Rigid	NO U.L.	Not rated	Y	0 to 50
194	Aluminium	NO U.L.	Not rated	Exempt	-
198	Cold Rolled Steel	NO U.L.	Not rated	Y	-
199	Aluminium	NO U.L.	Not rated	Y	-
203	Soft Steel	NO U.L.	Not rated	Exempt	-
207	Natural Rubber	NO U.L.	Not rated	Y	0 to 50
212	Carbon Steel	NO U.L.	Not rated	Y	-
214	TPE	NO U.L.	Not rated	Y	-50 to 90
230	Stainless Spring Steel	NO U.L.	Not rated	Y	-129 to 288
231	Brass	NO U.L.	Not rated	Exempt	-
240	Rubber & Polyamide – Fibre	NO U.L.	Not rated	Y	0 to 38
241	Neoprene Rubber	NO U.L.	Not rated	Y	-40 to 80
242	Carbon Steel	NO U.L.	Not rated	Y	-
243	Soft Electro Galvanised Steel	NO U.L.	Not rated	Y	-
249	PE Hook	NO U.L.	Not rated	Y	0 to 60
251	Polyamide Loop	NO U.L.	Not rated	Y	-40 to 65
262	TPE	E80017	HB	Y	-50 to 95
266	Galvanised Steel	NO U.L.	Not rated	Y	-
267	Acetal	E120354	HB	Y	-50 to 100
268	PP, 25% Glass Fibre	NO U.L.	Not rated	Y	0 to 65
274	Yellow Chromate Zinc Plating	NO U.L.	Not rated	Y	-
281	Masterbatch	NO U.L.	Not rated	Y	-
283	304 Stainless Steel	NO U.L.	Not rated	Y	-
300	Polyester Elastomer	NO U.L.	Not rated	Y	-40 to 140
312	Polyamide Loop	NO U.L.	Not rated	Y	0 to 50
313	Pressure Sensitive Adhesive	NO U.L.	Not rated	Y	0 to 50
314	Acrylic Adhesive/PE Film/Silicone Paper Liner	NO U.L.	Not rated	Y	-80 to 100
316	Silicone Rubber	E55519	HB	Y	-40 to 150
321	Silicone Rubber	NO U.L.	Not rated	Y	-40 to 150
324	Rubber Adhesive/PE Foam Tape/HDPE Liner	NO U.L.	Not rated	Y	-40 to 90
326	Spring Steel	NO U.L.	Not rated	Y	-
327	Spring Steel	NO U.L.	Not rated	Y	-
339	Zinc Plating	NO U.L.	Not rated	Y	-
342	Polyester/PP Hook	NO U.L.	Not rated	Y	0 to 50
346	Colour Code Stripe Printing Ink	NO U.L.	Not rated	Y	-
349	Brass	NO U.L.	Not rated	Y	-
350	Double Coated Polyurethane Foam Tape	NO U.L.	Not rated	Y	-29 to 104

RMS No.	Material Description	UL File No.	UL Flame Rating	RoHS Compliance	Material Temperature Range °C
351	TPE	NO U.L.	Not rated	Y	-40 to 100
352	Carbon Steel	NO U.L.	Not rated	Y	-
354	Zinc with Clear Dichromate Plating	NO U.L.	Not rated	Y	-
355	Chrome Plating	NO U.L.	Not rated	Y	-
356	Black Phosphate Coating	NO U.L.	Not rated	Y	-
357	Steel	NO U.L.	Not rated	Y	-
358	Zinc Plating	NO U.L.	Not rated	Y	-
359	Acrylic Adhesive/PE Foam Tape/PE Paper Liner	NO U.L.	Not rated	Y	-40 to 95
363	Polyamide Buckle	NO U.L.	Not rated	Y	-40 to 85
364	Silicone Rubber	NO U.L.	Not rated	Y	-40 to 150
365	304 Stainless Steel	NO U.L.	Not rated	Y	-200 to 870
368	Silicone Rubber	NO U.L.	Not rated	Y	-40 to 150
372	Black Oxide Finish	NO U.L.	Not rated	Y	-
375	Rubber Adhesive/PE Foam/Silicone Paper Liner	NO U.L.	Not rated	Y	-40 to 90
379	Silicone Rubber	NO U.L.	Not rated	Y	-40 to 150
381	304 Stainless Steel	NO U.L.	Not rated	Y	-200 to 870
382	316 Stainless Steel	NO U.L.	Not rated	Y	-200 to 870
384	TPE	E80017	HB	Y	-50 to 95
387	TPE	NO U.L.	Not rated	Y	-40 to 150
398	Silicone Rubber	E207571	V-0	Y	-40 to 150
409	LDPE	NO U.L.	Not rated	Y	-
412	LDPE	NO U.L.	Not rated	Y	-
413	Polyamide 6	NO U.L.	Not rated	Y	-
414	Acrylic Adhesive/Silicone Liner	MH13557	Not rated	Y	-29 to 150
416	TPE	E80017	HB	Y	-60 to 85
417	Silicone Rubber	NO U.L.	Not rated	Y	-40 to 150
418	LDPE	NO U.L.	Not rated	Y	0 to 65
420	EPDM Rubber	NO U.L.	Not rated	Y	-20 to 90
421	LDPE	NO U.L.	Not rated	Y	0 to 65
423	Polyamide 6, Heat Stabilised	E47960	HB	Y	-40 to 65
430	Rubber Adhesive/PE Foam	NO U.L.	Not rated	Y	-20 to 70
431	Acrylic Adhesive/PE Foam/Silicone Coated Paper Liner	E327895	Not rated	Y	0 to 50
432	HDPE	NO U.L.	Not rated	Y	-20 to 65
433	TPE	NO U.L.	Not rated	Y	-60 to 85
434	Acetal	E36632	HB	Y	-40 to 105
435	Polyamide 6	E86034	V-0	Y	-40 to 115
437	Polyamide 6/6	E70062	V-2	Y	-40 to 85
448	PVC	E335039/ 192387	V-0	Y	0 to 50

Please see Raw Material Specification/Disclaimer of Warranty and Polyamide Storage Guidelines/Shelf life statements on page 871. Please refer to our website for full terms and conditions.

# ESSENTRA COMPONENTS LIMITED: CONDITIONS OF SALE

## BUYER'S ATTENTION IS DRAWN TO CONDITIONS 5, 11 and 12

### 1. General

- 1.1 The terms and conditions set out below (as amended from time to time by Seller by notice in writing to Buyer or by notice on Seller's Website), (the "**Conditions**") shall form part of every contract between Seller and Buyer for the sale and purchase of Products or Tooling (a "**Contract**") and shall apply to any dealings between Seller and Buyer to the express exclusion of any other terms and conditions (including any which Buyer purports to apply under any purchase order, confirmation of order, acknowledgement of delivery, Specifications or any such other documents or by endorsement upon the documents issued by Seller or otherwise).
- 1.2 No addition to, or modification of, any provision of these Conditions, or any representation, advice or recommendation relating to the Products given by any representative of Seller, shall be binding upon the parties unless made in writing and signed by an authorised representative of each of the parties with the intention of modifying or supplementing these Conditions being clearly expressed.

### 2. Interpretation

- 2.1 In these Conditions: "**Buyer**" means the person who purchases the Products from Seller; "**Buyer's Tooling**" means any die, mould, pattern, tool or other equipment, which is the property of Buyer and/or which was made, purchased or received by Seller from or at the direction of Buyer; "**Custom Products**" means any goods, other than Standard Products, supplied or to be supplied by Seller; "**Group**" means any subsidiary and any holding company of Seller and any subsidiary of any such holding company in each case from time to time (the terms "**subsidiary**" and "**holding company**" shall have the meanings given to them by section 1159 of the Companies Act 2006); "**Intellectual Property Rights**" means all intellectual property rights including any patent (including supplementation protection certificates) utility model, rights in invention, copyright, rights in the nature of copyright, database rights, moral right, design right, registered and unregistered designs, registered and unregistered trademark, trade names and get-up, goodwill, know-how and confidential information (whether or not all or any of the same are registered and including all applications and rights to apply therefor) and anything analogous to any of the foregoing in any part of the world; "**Losses**" means all losses, claims, liabilities, costs, charges, expenses and damages of any kind irrespective of whether they were reasonably foreseeable or avoidable; "**Order Acceptance**" means a written acceptance of an order issued by an authorised signatory of Seller in accordance with condition 3.2; "**Products**" means any Standard Products and/or any Custom Products or any part thereof; "**Sample**" means, in relation to a sale by sample, the sample provided by Seller, subject to any tolerances or other variations reflected in any specifications or guidance notes supplied by Seller in relation to the sample, which an authorised signatory of Seller confirms is applicable to the Contract in the Order Acceptance; "**Seller**" means Essentra Components Limited (Registered No: 547495) whose registered office is at Avebury House, 201 - 249 Avebury Boulevard, Milton Keynes, MK9 1AU, United Kingdom and its successors and assigns; "**Seller's Catalogue**" means Seller's product catalogue, as published by Seller from time to time including any catalogue on Seller's Website; "**Seller's Tooling**" means any dies, moulds, patterns, tools or other equipment other than Buyer's Tooling used or to be used in connection with the manufacture of the Custom Products; "**Seller's Website**" means [www.essentracomponents.co.uk](http://www.essentracomponents.co.uk) or any successor website; "**Specifications**" means: 2.1.1 in respect of Standard Products, the specifications for the relevant Standard Product as set out in the latest publication of Seller's Catalogue at the time such Standard Product is ordered; 2.1.2 in respect of Custom Products, the specifications for the relevant Custom Product which an authorised signatory of Seller has confirmed are the final specifications for such Custom Product; and 2.1.3 in the absence of any such specifications, the specifications that Seller may, acting reasonably, determine to be appropriate from time to time; "**Standard Products**" means any goods which are offered for sale by product number in Seller's Catalogue; and "**Tooling**" means Seller's Tooling and Buyer's Tooling.
- 2.2 In these Conditions: headings are for convenience only and shall not affect their interpretation; references to a "person" include any individual, company, corporation, firm, partnership, association, organisation, institution, trust or agency, whether or not having a separate legal personality; words in the singular shall include the plural and vice versa as the context admits or requires; any reference to any statute or statutory provision shall, unless the context otherwise requires, be construed as a reference to that statute or statutory provision as time to time amended, consolidated, modified, extended, re-enacted or replaced;

and the word "**including**" shall, unless the context otherwise requires, mean "**including without limitation**".

### 3. Quotes and Orders

- 3.1 Quotes are valid for 30 days from the date of the quote, unless otherwise specified by Seller, but are not binding until an order is accepted by Seller in accordance with condition 3.2.
- 3.2 Each order for Products made by Buyer from Seller shall be deemed to be an offer by Buyer to purchase the Products specified in the order on the terms and conditions set out in these Conditions. An order is not binding on Seller until it is accepted by Seller issuing the Order Acceptance or (if earlier) by Seller either commencing manufacture of the Products or any related Tooling or samples, apportioning the Products to Buyer's order or dispatching the Products to Buyer.
- 3.3 Once accepted, an order may only be cancelled, varied or suspended by Buyer with the express prior written agreement of Seller.
- 3.4 The quantity and type of Products ordered shall be as set out in the order form or, if different, on the Order Acceptance.

### 4. Descriptions, Samples and Literature

- 4.1 All drawings, specifications and advertising issued by Seller and any descriptions, details or illustrations contained in any Seller's Catalogue are issued or published for the sole purpose of giving an approximate idea of the Products described in them and will not be relied on by Buyer or form part of the Contract except as otherwise expressly provided in these Conditions.
- 4.2 Any typographical, clerical or other error or omission in any Seller's Catalogue, quote, price list, acceptance of offer, Order Acceptance, label, packaging, invoice or other document or information issued by Seller may be corrected by Seller, without liability to Buyer, at any time either by correcting any such matter in public or by publishing the correction on Seller's Website or by notifying Buyer in writing and such correction shall be binding upon Buyer forthwith.
- 4.3 Except as otherwise required by law, the Contract shall not be: (a) a sale by sample (even if samples have been provided) unless Seller expressly states on the Order Acceptance that the Contract is to be a sale by sample; or (b) a sale by description even if a description has been provided.

### 5. Specifications

- 5.1 Buyer will ensure that it undertakes adequate tests to ensure that where the Product meets the Specifications or, if applicable conforms to the Sample, in all material respects it is of satisfactory quality and fit for all of Buyer's purposes. Subject to condition 5.2, Buyer expressly acknowledges that, irrespective of any guidance provided to it by Seller, it is not relying on Seller's skill and judgement in determining whether the Products will be fit for all its purposes.
- 5.2 If Buyer wishes to rely on Seller's skill and judgement in relation to a Custom Product being fit for a particular purpose then prior to placing an order Buyer must expressly advise Seller in writing of the particular purpose and that it wishes to rely on Seller's confirmation rather than conducting its own testing. Seller shall advise Buyer of any additional charges which would apply if such confirmation is given. Buyer shall only be entitled to rely on the Custom Product being fit for that particular purpose if Buyer has provided all the information which Seller would need to undertake the requisite testing and an authorised signatory of Seller has expressly confirmed in the Order Acceptance that the Custom Product can fulfil that particular purpose.
- 5.3 Seller shall be entitled to make any changes to any Specifications which do not materially affect the quality or performance of the Products or, subject to notifying Buyer and at Buyer's cost, any material changes which Seller considers are required to be made to Custom Products to comply with any applicable statutory or European Community safety or other requirements. Seller shall not be responsible for ensuring that any Products comply with any applicable statutory or European Community safety or other requirements if the Specifications for such Products have been provided by, or developed or varied pursuant to a request of, Buyer.
- 5.4 In respect of any Specifications supplied to Seller by or on behalf of Buyer or variations to Specifications made at the request of Buyer and any Tooling either derived from any such Specifications or supplied by or on behalf of Buyer, Buyer warrants, represents and undertakes that such Specifications and/or Tooling: 5.4.1 fully and accurately reflect Buyer's requirements for the Products to be made pursuant to such Specifications or using such Tooling; 5.4.2 are complete and fit for the purpose of Seller producing and/or supplying (if agreed) Products complying with such Specifications and will result in Products which are fit for Buyer's purpose; 5.4.3 will not infringe the Intellectual Property Rights of any third parties and Seller, its Group and agents are entitled to use any Intellectual Property Rights

comprised in such Specifications or Tooling or in any product or process described in the Specifications for the purposes of manufacturing the Products; and 5.4.4 will comply with all applicable laws and regulations.

- 5.5 Except as otherwise expressly provided in the Contract or agreed in writing between Seller and Buyer, Seller shall own all of the Intellectual Property Rights created by Seller, its Group or agents in the course of the performance of the Contract or otherwise in connection with the manufacture of the Products or the Tooling.

### 6. Tooling

- 6.1 If Seller agrees to supply Custom Products and it notifies Buyer that it requires Buyer's Tooling to do so, then Buyer shall either supply Buyer's Tooling capable of producing the Custom Products or, if agreed between the parties, Seller shall manufacture Buyer's Tooling or obtain it on Buyer's behalf at a price agreed between the parties and subject to having received payment in accordance with clause 6.2.
- 6.2 Following acceptance of Buyer's first order for the Custom Products to be manufactured using the relevant Buyer's Tooling and subject to receipt of Seller's invoice for such Buyer's Tooling, Buyer shall: 6.2.1 forthwith pay fifty percent (50%) of the whole price of such Buyer's Tooling and shall pay the remaining fifty percent (50%) of such price upon Seller sending samples produced using such Buyer's Tooling to Buyer; or 6.2.2 if requested by Seller, forthwith pay the whole price of such Buyer's Tooling.
- 6.3 Title to any Buyer's Tooling made or purchased by Seller shall remain with Seller until Seller has received the full price due in respect of such Buyer's Tooling in cash or cleared funds whereupon title shall pass to Buyer. Until title to Buyer's Tooling passes to Buyer the terms of conditions 10.3 and 10.4 shall apply to Buyer's Tooling on the same terms as they apply to the Products. Upon title to Buyer's Tooling transferring to Buyer, Buyer shall be entitled to a licence of the Intellectual Property Rights comprised in Buyer's Tooling to the extent necessary to use Buyer's Tooling to make the relevant Custom Products.
- 6.4 Risk of loss or damage to Buyer's Tooling supplied to, or purchased on Buyer's behalf by, Seller shall remain with Buyer. Risk of loss or damage to Buyer's Tooling made by Seller shall pass to Buyer upon completion of its manufacture. Buyer shall ensure that Buyer's Tooling is appropriately and adequately insured with a reputable insurer for so long as it remains at Seller's premises and will bear the costs of any necessary repairs or replacement.
- 6.5 Seller shall notify Buyer of any loss or damage to Buyer's Tooling whilst in Seller's possession. Seller, its Group or agents shall have no liability to Buyer in respect of any loss or damage to Buyer's Tooling whilst such Buyer's Tooling is in their possession of Seller except to the extent caused by their negligence or intentional damage.
- 6.6 Seller shall store Buyer's Tooling free of charge for a period of 2 years from the date of last delivery of Products made using Buyer's Tooling. On expiry of this period, Seller may use for its own purposes or continue to store, return or destroy Buyer's Tooling, the cost of which shall be payable by Buyer.
- 6.7 Where Buyer has indicated that it wishes to purchase a minimum quantity of Custom Products and is aware that Seller will invest or has invested in the manufacture of Seller's Tooling in respect of those Custom Products and Buyer orders or takes delivery of a smaller quantity of such Custom Products than the minimum it previously indicated then Seller may invoice Buyer, pro rata to the quantity of such Custom Products ordered, for the cost of its investment in such Seller's Tooling and for its reasonable administration and handling charges.
- 6.8 The Intellectual Property Rights in and title to any Seller's Tooling shall remain at all times with Seller except as otherwise expressly agreed in writing. If Buyer purchases Seller's Tooling, then title and risk in Seller's Tooling shall pass to Buyer upon payment in full by Buyer of an amount notified by Seller in writing. Buyer acknowledges that any Seller's Tooling which it purchases will have been used by Seller and that Buyer shall be entitled on reasonable notice to inspect it prior to purchasing it and shall be deemed to have satisfied itself that it is of satisfactory quality and fit for its purposes. Upon title and risk in any Seller's Tooling passing to Buyer it shall thereafter be treated as Buyer's Tooling for the purposes of these Conditions.
- 6.9 If Seller is required to redesign, repair or replace or otherwise incur any expenditure in relation to any Tooling for use in producing Custom Products, Buyer shall promptly reimburse Seller for all such costs incurred by Seller, including any tooling and re-tooling costs, except to the extent such costs were caused by Seller's negligence or wilful abuse.
- 6.10 Seller shall be entitled to utilise the Tooling for any purpose at its discretion including for the purpose of manufacturing the Custom Products.

### 7. Price

- 7.1 Subject to condition 7.2, the price of the Products or the Tooling shall be the price specified in the applicable quote or,

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- in the absence of an applicable quote, the price set out in Seller's price list in force as at the time the order is accepted (the "Price"). The Price is inclusive of standard packaging in accordance with Seller's current practice. The Price reflects the limitations on liability set out in these Conditions but, if requested by Buyer, Seller will advise Buyer of the additional costs which would apply if Seller agrees to any variations to such limitations on liability.
- 7.2 Seller reserves the right, by giving notice to Buyer at any time before delivery, to increase the Price to reflect any increase in the cost to Seller of supplying any Products or Tooling which is due to: 7.2.1 any factor beyond the reasonable control of Seller; 7.2.2 any increase in the cost of labour or materials including any storage costs if the Products are not collected or delivered in accordance with the Contract; 7.2.3 any variation requested by Buyer to delivery dates, quantities, Specifications or the scope of Seller's instructions; 7.2.4 any delay or additional work or materials caused by any instructions, neglect or default of Buyer; or 7.2.5 any failure of Buyer to procure the supply to Seller of adequate and timely information, instructions, specifications or, if applicable, Tooling.
- 7.3 The Price is exclusive of any applicable value added tax or other taxes or duties and of all costs and charges in relation to non-standard packaging, loading, unloading, carriage and insurance or similar costs, which (if any) shall be paid in addition by Buyer at the time it is due to pay for the Products or the Tooling. Where carriage or other costs to be borne by Buyer are initially paid by Seller, Seller shall be entitled to render an invoice forthwith in respect of such costs.
- 8. Payment**
- 8.1 Seller shall at its discretion be entitled to invoice Buyer for payment of the Price or any other amounts payable by Buyer in advance.
- 8.2 Seller shall be entitled to: 8.2.1 offer and withdraw credit accounts at any time; 8.2.2 request references and make credit reference searches in relation to Buyer.
- 8.3 Payment of any Seller's invoice is due (without deduction, discount, abatement or set-off) within 30 days of the date of the invoice, notwithstanding that delivery may not have taken place or that property in the Products or the Tooling has not passed to Buyer. Unless otherwise expressly agreed by Seller, payment shall be made in the same currency as the Price. Time for payment of sums due from Buyer shall be of the essence. No payment will be deemed received until received by Seller in cash or cleared funds. Interest will be payable on overdue amounts at the rate for the time being applicable under the Late Payment of Commercial Debts (Interest) Act 1998 (as amended).
- 8.4 If any sums are not paid on or before the due date for payment, interest will accrue on the amount unpaid until payment in full is made (both before and after any judgment).
- 8.5 If Buyer fails to make any payment when due pursuant to these Conditions and/or pursuant to any other contract between Buyer and Seller in accordance with its terms then, without prejudice to any other right or remedy available to Seller (including the right to charge interest pursuant to Conditions 8.3 and 8.4), Seller shall be entitled to: 8.5.1 terminate the Contract or any other contract between Buyer and Seller; 8.5.2 deduct outstanding sums from any sums owed by Seller to Buyer under the Contract or otherwise; 8.5.3 require Buyer to pay any costs of storage of the Products and any Tooling; 8.5.4 suspend any further deliveries to Buyer under the Contract or any other contract until paid; 8.5.5 treat the Contract as repudiated and terminated; 8.5.6 resell any Products not yet delivered to Buyer; and/or 8.5.7 retain any sums paid as deposit for the Products.
- 9. Delivery**
- 9.1 Unless otherwise agreed in writing, Products will be sent to Buyer by a carrier service chosen by Seller, acting reasonably. Delivery of the Products to Buyer shall be effected by Seller delivering them to the carrier or by collection by the carrier. Thereafter, transport of such Products shall be subject to the carrier's conditions which shall be notified to Buyer, if requested and Seller shall have no liability for the acts or omissions of the relevant carrier, unless otherwise agreed. Seller may deliver early. Seller shall be under no obligation under section 32(2) of the Sale of Goods Act 1979 nor be required to give notice under section 32(3) of the Sale of Goods Act 1979.
- 9.2 Where it is agreed in writing that the Products shall be delivered by a method other than that referred to in condition 9.1 then delivery shall be effected: 9.2.1 where the Products are to be collected by Buyer from Seller's premises, by Seller notifying Buyer that the Products are ready for collection; 9.2.2 where the Products are delivered by Seller, by Seller delivering the Products to the address nominated by Buyer for delivery; or 9.2.3 where the Products are to be transported by a third party, by collection by or delivery to that third party of the Products.
- 9.3 Any periods of time or dates quoted for delivery of the Products are approximate only. Time for delivery shall not be of the essence. Seller shall not be liable for any delay in delivery of the Products. Seller may deliver up to 10 per cent. more or 10 per cent. less than the quantity of Products specified in the order and Buyer shall accept such variation in quantity and shall pay the Price as adjusted to reflect such variation in quantity.
- 9.4 Seller shall not be responsible for any Losses incurred or suffered by Buyer as a result of a failure to deliver the Products or for short delivery unless Buyer has informed Seller in writing within ten working days from the estimated date of delivery in relation to a failure to deliver or the actual date of delivery in relation to a short delivery. In any event, subject always to condition 12, where for any reason Seller is so liable, Seller's liability shall be limited to: 9.4.1 the amount by which the price in the cheapest available market of similar goods to replace those not delivered exceeds the Price of the Product not delivered; or 9.4.2 if there is no such market, an amount equal to the Price applicable to the Products not delivered.
- 9.5 Where the Products are to be delivered in instalments, each delivery shall constitute a separate obligation and neither any failure by Seller to deliver nor any claim in respect of any one or more instalments by Buyer shall entitle Buyer to treat the Contract as a whole as repudiated.
- 9.6 Where Buyer fails to take delivery of the Products or fails to give Seller adequate delivery instructions in advance of the time stated for delivery (otherwise than by reason of any cause beyond Buyer's reasonable control or by reason of Seller's neglect or default) then the Products shall be deemed to have been delivered at the time stated for delivery and, without prejudice to any other right or remedy available to Seller, Seller may: 9.6.1 store the Products until actual delivery and charge Buyer for the reasonable costs (including insurance) of storage, if applicable but without any obligation on Seller to procure insurance; or 9.6.2 where Buyer has failed to take delivery of the Products on or before the fifth working day following the intended day for delivery, sell the Products at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) shall account to Buyer for the excess over the Price or invoice Buyer for any shortfall below the Price.
- 9.7 If, upon delivery of the Products, Buyer discovers that it has incorrectly ordered those Products, Seller's standard handling charge from time to time will be payable by Buyer if Seller agrees (at its sole discretion) to accept return of those Products.
- 10. Risk and Property in the Products**
- 10.1 Products supplied by Seller shall be at Buyer's risk immediately on and after delivery, or where the Products are collected by Buyer from Seller's premises, immediately upon collection, and so Buyer should arrange appropriate insurance from that point.
- 10.2 Title (legal and beneficial) in all Products supplied or sold by Seller shall be retained by Seller until the earlier of: 10.2.1 Seller having received in either cash or cleared funds all sums due in respect of the Products and on any account whatsoever from Buyer to Seller; or 10.2.2 (on an item by item basis) the Products having been used or incorporated into other products in the ordinary course of business.
- 10.3 Until such time as the property in the Products passes to Buyer, Buyer must: 10.3.1 hold such Products (on a fiduciary basis for and on behalf of Seller) as Seller's bailee and act in good faith to protect Seller's interests in the Products; 10.3.2 store such Products (at no cost to Seller) separately from all other goods of Buyer in such a way that such Products remain identifiable as property of Seller and shall not mix them with any other goods; 10.3.3 not pledge or allow any lien, charge, or other interest to arise over the Products or their documents of title; 10.3.4 not destroy or deface any identifying marks on such Products or relevant packaging and maintain such Products in satisfactory condition; and 10.3.5 keep such Products insured on Seller's behalf and in the event of any claim hold the proceeds of such insurance on trust for Seller.
- 10.4 Seller shall be entitled at any time to require Buyer to deliver up any Products to Seller prior to property in the Products passing to Buyer. Buyer grants Seller and its agents an irrevocable licence at any time to enter any premises where such Products are stored to inspect or, if Buyer has failed to deliver up possession when requested by Seller, to repossess such Products.
- 11. Quality**
- 11.1 Subject to the remaining provisions of these Conditions, Seller warrants that on delivery:
- 11.1.1 all Products and Buyer's Tooling will be of satisfactory quality, within the meaning of the Sale of Goods Act 1979; and
- 11.1.2 where Seller has issued a confirmation in relation to fitness for a particular purpose in accordance with condition 5.2 (but not otherwise), the Products will be reasonably fit for that particular purpose. Buyer expressly agrees that a Product will be deemed to be of satisfactory quality if (a) in relation to a sale by sample, the Product complies with the Sample in all material respects; or (b) in all other cases, the Product complies with its Specifications in all material respects.
- 11.2 The warranties contained in condition 11.1 shall not apply unless: 11.2.1 in respect of defects that are apparent on inspection of the Products or Tooling, Buyer notifies Seller, in writing, setting out in reasonable detail the nature of the breach of warranty within 30 days after the delivery of the Products; or 11.2.2 in relation to defects that are not apparent on inspection of the Products or Tooling, Buyer notifies Seller in writing setting out in reasonable detail the nature of the breach of warranty within 14 days after the defect become apparent or ought to have become apparent to Buyer, and in any event within 12 months of the date of delivery of the Products; and 11.2.3 after receiving such notice of the defect, Seller is given reasonable opportunity to inspect the Products or Tooling and, at Seller's request (acting reasonably), the Products or Tooling are returned to Seller's place of business for the purposes of such inspection; and 11.2.4 the total price for the Products has been paid by Buyer.
- 11.3 Seller shall not be liable for any breach of any of the warranties in condition 11.1 if: 11.3.1 the Product conforms to its Specifications, or if applicable Sample, in all material respects; 11.3.2 the breach was caused directly or indirectly by Buyer's breach of these conditions or by Buyer's Tooling, except to the extent caused by Seller's negligent actions or omissions in respect of the manufacture or use of Buyer's Tooling; 11.3.3 the breach was caused directly or indirectly by the acts or omissions of any persons not expressly authorised by Seller, including repairs, additions or changes made to the Products by or on behalf of Buyer; 11.3.4 the breach was caused directly or indirectly by parts, materials or equipment incorporated into a Product but not manufactured by Seller, in respect of which Buyer shall only be entitled to the benefit of any such warranty or guarantee as was given by the manufacturer to Seller and which is capable of being assigned to Buyer (at Buyer's cost); 11.3.5 Buyer makes further use of or resells the Products after giving notice of a defect or fails to comply with Seller's reasonable instructions in relation to a product hold or recall; or 11.3.6 the breach was caused directly or indirectly by environmental conditions or use or storage or handling of the Products outside the parameters of its Specifications or instructions supplied by Seller or by any matter specifically excluded by Seller by notice in writing including carelessness, mishandling, operating errors, vandalism or unforeseen events.
- 11.4 Subject to conditions 11.2 and 11.3 and, where Products or parts thereof returned to Seller are found, in the reasonable opinion of Seller, not to conform with the warranty contained in condition 11.1 or any other warranties, quality standards or conditions implied by law, Seller shall discharge any liability in full by, at its sole discretion, repairing or replacing the whole or part of all or any of the Products or refunding the Price of the non-conforming Products. Any Products which have been so replaced shall be owned by Seller.
- 11.5 To the extent permitted by law and subject to condition 12.4, the warranties contained in condition 11.1 shall be the sole extent of Seller's liability arising out of or in connection with the Products.
- 11.6 Buyer shall comply with all reasonable instructions of Seller in relation to any product hold or product recall campaign organised in respect of the Products or any other corrective action reasonably taken by or on behalf of Seller in respect of the Products after delivery to Buyer.
- 12. Limitation of Liability**
- 12.1 For the purposes of this condition 12:
- 12.1.1 "Claim" means a claim arising out of or in connection with the supply of any Products or Tooling to Buyer or as a result of breach of these Conditions or of any duty of any nature whatsoever by Seller or pursuant to any use made by Buyer or resale by Buyer of any Products (or of any product incorporating any of the Products) or of any Tooling or as a result of any representation, statement, act or omission including negligence arising under or in connection with these Conditions or the Contract;
- 12.1.2 "Claim Limit" means, in respect of any calendar year, the greater of:
- 12.1.2.1 the aggregate amount payable to Seller by Buyer for goods of the type that are the subject of the Claims purchased by Buyer from Seller in that year (the "Relevant Goods");

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- 12.1.2.2 in the first three months of that year, the aggregate amount payable by Seller to Buyer for the Relevant Goods purchased in the previous year; or
- 12.1.2.3 where no Relevant Goods were purchased in the previous year or the Claim does not relate to the purchase of goods, to an aggregate sum of (a) where the Relevant Goods are exclusively Standard Products, £50,000; or (b) where the Relevant Goods include Custom Products or Tooling, £100,000.
- 12.2 Without prejudice to condition 12.5, Seller's aggregate liability (including any liability for the acts or omissions of its employees, agents, sub-contractors or other members of its Group) to Buyer for all Claims whether arising in contract, tort (including negligence or breach of a statutory duty), misrepresentation, restitution or otherwise shall be limited as follows:
- 12.2.1 Seller's aggregate liability for a Claim in relation to any single item of Product shall be limited to the Price payable to Seller by Buyer for that item;
- 12.2.2 Seller's aggregate liability for a Claim in relation to any item of Tooling shall be limited to the depreciated value of such item or its replacement price, whichever is the lower.
- 12.2.3 Seller's aggregate liability to Buyer for all other Claims arising in any consecutive 12 month period shall be limited to the amount paid by Buyer to Seller for Products and Tooling in that 12 month period.
- 12.3 Without prejudice to condition 12.5, Seller shall not be liable to Buyer or any other party for any (a) indirect Losses, (b) economic loss, (c) loss of profits or anticipated profits, (d) loss of expected future business, (e) damage to reputation or goodwill, nor (f) any claim for consequential compensation whatsoever (however caused), which arises in connection with the supply of Products or Tooling or related services by Seller, in each case whether direct or indirect or consequential and, whether such losses are suffered by Buyer or by any other party.
- 12.4 Unless otherwise expressly provided in these Conditions all implied warranties, terms and conditions (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are excluded from the Contract to the fullest extent permitted by law and Seller will not be liable to Buyer for any loss of any kind whatsoever which arises out of the breach of implied warranties, terms or conditions, or breach of any duty of any kind imposed on Seller by operation of law.
- 12.5 Nothing in these Conditions shall exclude or limit Seller's liability in respect of any claim (other than by Buyer for re-imbursment of sums paid to a third party) for death or personal injury caused by its negligence, or in respect of liability for defective products under the Consumer Protection Act 1987 or in respect of any liability which arises under any safety regulation made under the Consumer Protection Act 1987 or for fraudulent misrepresentation or for any other liability to the extent that it may not be so excluded or limited by law.
- 12.6 If Buyer becomes aware that any third party has made or appears likely to make any claim in respect of the Products (including, without limitation, as to defects in them or rights infringed by them) it shall: 12.7.1 promptly notify Seller of such claim or circumstance; 12.7.2 promptly provide such assistance to Seller and take such action as Seller may request to avoid, dispute, defend, mitigate, resist, appeal or compromise such claim or circumstance including but not limited to allowing Seller to take full control of any proceedings or negotiations in connection with the claim; and 12.7.3 not settle or compromise, make any admissions, nor agree any matter in the conduct of any dispute, without the prior written approval of Seller.
- 12.7 Without prejudice to any other provision of these Conditions, Seller will not be in breach of the terms of the Contract for any delay in performing, or failure to perform, its obligations under the Contract if that failure or delay was due to any cause or circumstance beyond Seller's reasonable control, which shall, without limiting the generality of the term, be deemed to include war or other action of military forces, terrorism, riot, civil commotion, sabotage, vandalism, accident, break down or damage to machinery or equipment, fire, flood, acts of God, strike, lock-out or other industrial disputes (whether or not involving employees of Seller) or shortage of materials at the market rates existing when the Agreement is made, legislative or administrative interference or was due to any failure, neglect or delay on the part of Buyer or its agents or representatives.
- 12.8 Seller reserves the right to defer the date of delivery or to terminate the Contract or reduce the volume of the Products ordered by Buyer (without liability to Buyer) if it is prevented from or delayed in the carrying on of its business due to an event referred to in condition 12.7 occurring, provided that where the event in question continues for a continuous period in excess of 30 days either party shall be
- entitled to give notice in writing to the other to terminate the Contract with no liability due to or by either party.
- 12.9 Buyer acknowledges that the limitations of liability set out in these Conditions are reasonable and reflect the commercial intentions of the parties in the context of the anticipated earnings of Seller under the Contract and any other contracts and the ability of Buyer to protect itself through insurance. Seller may be willing to vary the limitations on liability in relation to specific Products if requested by Buyer subject to Buyer bearing the additional costs as notified to it by Seller. For the avoidance of doubt, any payment made by Seller to Buyer in any calendar year in respect of any Claim made by Buyer pursuant to any contract or otherwise shall operate to reduce the amount of the limit of liability set out in condition 12.2.3, which is available for further Claims in a consecutive 12 month period.
- 13. Termination**
- 13.1 Without affecting any other rights and remedies it may have, Seller may terminate the Contract forthwith if: 13.1.1 Buyer breaches any terms of any contract with Seller; 13.1.2 Buyer makes any composition or voluntary arrangement with its creditors or any step, application, order, proceeding or appointment is made or taken by or in respect of Buyer (including, without limitation, the making of an application or the giving of any notice) by Buyer or any other person for a distress, execution, winding up, dissolution, or to appoint an administrator of Buyer or (being an individual or firm) becomes bankrupt or (being a company) goes into liquidation (otherwise than for the purposes of a solvent amalgamation or reconstruction); 13.1.3 an encumbrance takes possession, or a receiver (administrative or otherwise) is appointed, of any of the property or assets of Buyer; or Buyer ceases, or threatens to cease, to carry on business; or 13.1.4 Seller reasonably apprehends that any of the events mentioned in conditions 13.1.2 to 13.1.3 above is about to occur in relation to Buyer and notifies Buyer accordingly.
- 13.2 Buyer may, on 30 days written notice, terminate: 13.2.1 the Contract within 30 days of receiving notice from Seller pursuant to these conditions that the Price of the Products which are the subject of the Contract is increasing by more than 10% of the original Price specified in applicable to the Products at the time the Contract is concluded; or 13.2.2 that part of the Contract relating to Custom Products on 30 days written notice if it does not wish (acting reasonably) to accept the changes to the Specifications of the Custom Products notified by Seller pursuant to condition 5.3.
- 13.3 Where Seller terminates the Contract in accordance with conditions 8.5 or 13.1 then, without prejudice to any other right or remedy available to Seller: 13.3.1 Seller shall be entitled to terminate any other contract or suspend any further deliveries under the Contract or any other contract; 13.3.2 where the Products have been delivered, but not paid for, subject to condition 8.2, Buyer's right to possession shall terminate and Seller may dispose or use any of the Products as it wishes; and 13.3.3 the Price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.
- 13.4 Termination of the Contract, for whatever reason, shall not affect any of its provisions which are intended to continue to have effect after it has come to an end, including conditions 6, 10, 11, 12, 13, 14 and 16.
- 14. Indemnity**
- 14.1 Without prejudice to Seller's other rights and remedies, Buyer shall indemnify and keep indemnified Seller, its Group and their employees and agents on demand in full against any Losses incurred or suffered as a result of: 14.1.1 cancellation, variation or suspension of an order by the Buyer pursuant to condition 3.3; 14.1.2 any claim brought by any third party in respect of Losses, injury or damage caused by the Custom Products or Buyer's Tooling or by any Products which, following delivery, have been subjected to any use other than the authorised use for such Products (being the use for which such Products are commonly supplied or a use expressly authorised in accordance with condition 5.2) or modified or repaired by a person other than Seller or any event has occurred (including any act or omission) which would result in condition 5 ceasing to apply to those Products; 14.1.3 the use of Specifications or Tooling supplied by or on behalf of Buyer or modified at the request of Buyer; 14.1.4 any breach of condition 5.4 and any claims by any third party in relation to any infringement or alleged infringement of any of its Intellectual Property Rights as a result of the use, possession or supply of any Custom Product or any Specifications and/or Tooling supplied by or on behalf of or modified at the request of Buyer; and 14.1.5 any termination pursuant to conditions 8.5 or 13.1.
- 15. Export Terms**
- 15.1 Where the Products are supplied for export from the United Kingdom, the provisions of condition 15 shall (subject to any special terms agreed in writing between Buyer and Seller)
- apply and shall prevail to the extent of any conflict with any other terms and conditions set out in these Conditions.
- 15.2 Buyer shall be responsible for complying with any legislation or regulations applying to the Products in the country of destination governing the export of the Products or any product incorporating the Products from the United Kingdom (including, if necessary, satisfying Customs and Excise that value added tax is not payable on the Price) and the importation of the Products into the country of destination and for the payment of any applicable import or export duties or taxes thereon. Buyer shall be responsible for notifying Seller of any obligations which Seller is obliged to comply with pursuant to any such legislation or regulations and for bearing or re-imbursing to Seller any associated costs.
- 16. Miscellaneous**
- 16.1 Seller may perform any of its obligations or exercise any of its rights hereunder by itself or through its subcontractors or agents or any member of its Group. Any act or omission of any such subcontractor or agent or member of its Group shall be deemed to be the act or omission of Seller and shall be subject to the exclusions or limitations on liability set out in these Conditions. Buyer shall not transfer, assign or sub-contract any of its rights or obligations under the Contract without Seller's prior written consent and in any event shall remain responsible for the performance of the Contract by any transferee, assign or sub-contractor.
- 16.2 Any notice shall be in writing including by fax, addressed to the other party at, in the case of Seller, Langford Locks, Kidlington, Oxon OX5 1HX, Fax Number +44 1865 378860 with, in the case of notice under condition 13.2, a copy also sent to the Company Secretary, Avebury House, 201-249 Avebury Boulevard, Milton Keynes, Bucks. MK9 1AU and in the case of Buyer at its registered address or such other address as may at the relevant time have been notified to Seller. Hand delivered notices shall take effect immediately, postal notices, two working days after posting by first class post and, if sent by fax, at the date and time on the sender's transmission acknowledgement slip or (if lost) on receipt.
- 16.3 No waiver by Seller of any breach of the Contract by Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision. Failure by Seller to enforce any term of the Contract shall not be waiver of Seller's rights.
- 16.4 If any provision of the Contract is held by any competent authority to be invalid or unenforceable in whole or in part, the validity of the other provisions of the Contract and the remainder of the provision in question shall not be affected thereby.
- 16.5 The Contract contains the entire agreement and understanding of the parties and supersedes all prior agreements, understandings or arrangements (both oral and written) in respect of the Products (save that neither party seeks to exclude liability for fraudulent pre-contractual misrepresentation upon which the other party can be shown to have relied). Buyer acknowledges that it is entering into these conditions without reliance on any undertaking, warranty or representation given by or on behalf of Seller other than as expressly contained in these Conditions, provided that nothing in this condition shall limit or exclude the liability of Seller for fraud or fraudulent misrepresentation.
- 16.6 The Contract shall be governed by the laws of England and Wales. Any dispute shall be referred to the exclusive jurisdiction of the English Courts save that Seller shall retain the right to bring proceedings against Buyer in any other court.
- 16.7 Save in respect of the rights, indemnities or warranties expressly stated to be given in favour of the Group, or Seller's agents, all of which shall accrue directly for their benefit, the parties to the Contract do not intend that any term of the Contract will be enforceable under the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it. No such person shall have any rights relating to any extension, waiver and/or amendment to the Contract including but not limited to, any rights to approve any extension, waiver and/or amendment to the Contract.

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### ISO14001 and ISO50001 - Energy management certification

Essentra believes in careful stewardship of the environment in which it operates and embodies this philosophy in its corporate business strategy.

Our manufacturing location in Oxfordshire is certified to ISO14001 and ISO50001. We implement these policies through documentation and maintained environmental management systems that are structured to assess, manage and improve the environmental impacts of our activities, products and services.

## ISOQAR CERTIFICATION STATUS

Essentra is committed to using recognised management systems to demonstrate its commitment to providing quality service, a safe and healthy working environment and meeting its environmental obligations throughout the business.

In recognition of this, Essentra Components facility in Kidlington, Oxon has been awarded with ISO9001, ISO14001, ISO50001 and OHSAS18001 certification