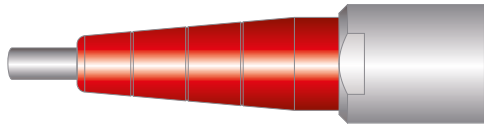




CABLE MOUNTED PLUGS & RECEPTACLES

CABLE BEND RELIEFS

FOR INCREASED PROTECTION OF YOUR CONNECTIONS



Suitable for :

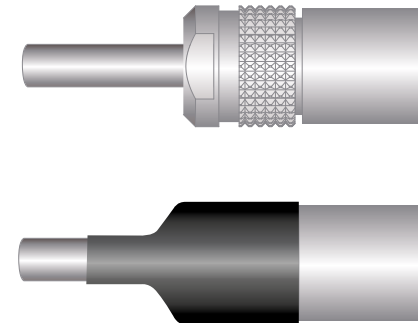
- Cable mounted plugs (S/SC, SOV, SA, SV, WSO)
- Cable mounted receptacles (K/KE)
- Panel mounted cable receptacles (DKBE, DK, DKE)

Prevent cable torsion and increase protection of connection.

Color coding for easy identification when combined with color washer on a panel mounted connector.

KNURLED CLAMP NUTS

FOR RESISTANT HEAT SHRINKING



Suitable for :

- Cable mounted plugs (S/SC, SOV, SA, SV, WSO)
- Cable mounted receptacles (K/KE)
- Panel mounted cable receptacles (DKBE, DK, DKE)

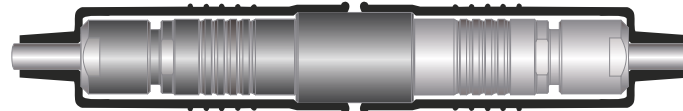
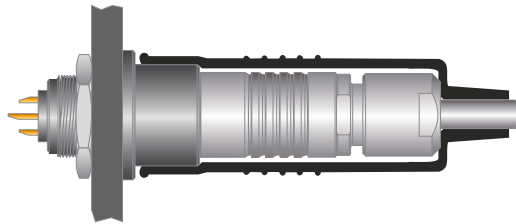
Give a good grip to a shrinkable tube acting as cable bend relief.



CABLE MOUNTED PLUGS & RECEPTACLES

PROTECTIVE SLEEVES

FOR IMPROVED PROTECTION



Suitable for :

- Cable mounted plugs (S/SC, SOV)
- Cable mounted receptacles (K/KE)

Protect against any foreign matter :

- Dust, dirt or mud
- Liquid splash

Minimize mechanical damage from impact on hard surfaces.

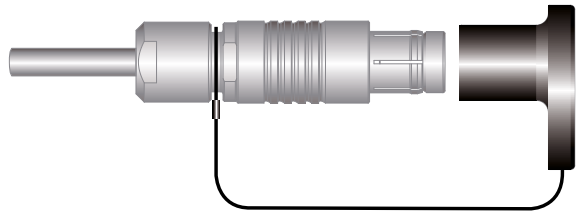
When mated, the front end of the protective sleeve encloses the projecting portion of the receptacle. When unmated, connectors can be protected with sealing caps.



PLUGS & RECEPTACLES

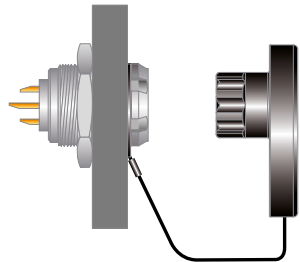
SEALING CAPS

FOR PROTECTION OF UNMATED CONNECTORS IN THE FIELD



Suitable for:

- Cable mounted plugs (S/SC, SOV, SA, SV, SS/SSC, WSO)
- Cable mounted receptacles (K/KE, KS/KSE)



Suitable for:

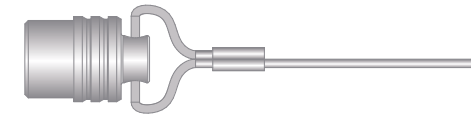
- Panel mounted receptacles (D, DEU/E, DB, DBEU/E, DBP, DBPU/E, DBPLU/E, DG/DGP, DBPC, WDE)
- Panel mounted plugs (SF, SFU/E, SFPU/E)
- Panel mounted cable receptacles (DKBE, DK, DKE)

SOFT CAPS



- Lightweight
- Noiseless operation
- Operating temperature – 55°C to + 85°C
- IP68
- Easily installed
- Available in single-piece or lanyard model
- Intermateable to provide additional dust protection

METAL CAPS



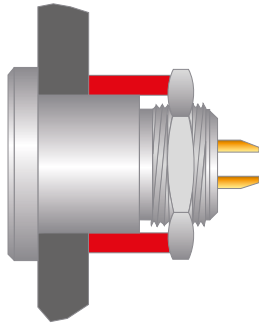
- Rugged
- Fitted with an o-ring seal
- Operating temperature – 30°C to + 200°C
- Protect & seal the mating face of the connector
- IP68
- Two colors available



PANEL MOUNTED PLUGS & RECEPTACLES

SPACERS

TO ALLOW MOUNTING ON ALL PANELS



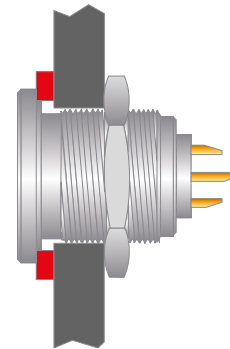
Suitable for :

- Feedthrough (WDE)
- Panel mounted receptacles (DEE, DEU, DKE)

Enables mounting on panels or bulkheads thinner than the unthreaded section.

COLOR CODING WASHERS

FOR EASY CONNECTOR IDENTIFICATION



Suitable for :

- Panel mounted receptacles (D, DB, DBP, DBPC, DG, DGP, DK)
- Panel mounted plug (SF)

Can be mounted between the connector flange and the panel.

Color coding for easy identification when combined with cable bend relief for cable mounted connectors.

Not suitable for sealed version.

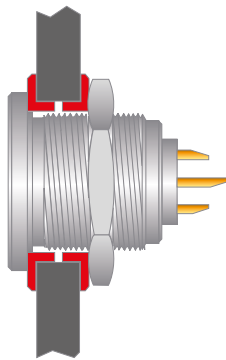




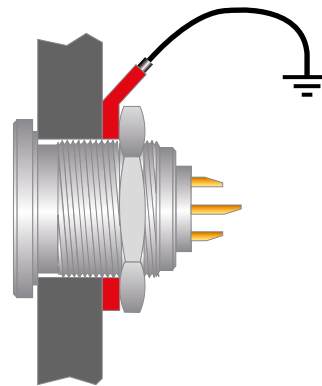
PANEL MOUNTED PLUGS & RECEPTACLES

INSULATING & COLOR WASHERS

FOR EASY CONNECTOR
IDENTIFICATION AND
EFFICIENT INSULATION

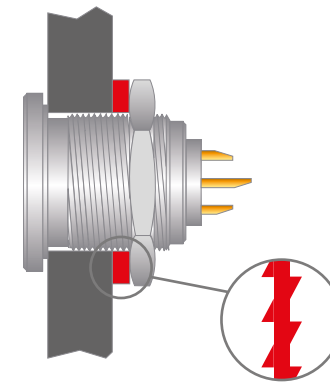


GROUNDING WASHERS



LOCKING WASHERS

TO ALLOW SECURE MOUNTING
ON ALL PANELS



Suitable for panel mounted receptacle (D):

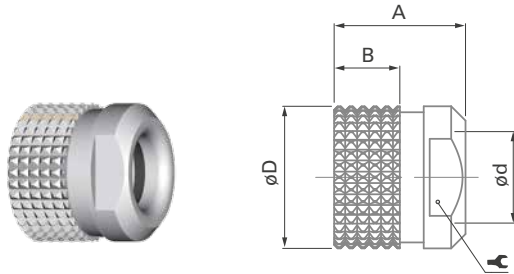
- Can be mounted on both sides of the panel cut-out
- Color coding for easy identification when combined with cable bend relief for cable mounted connectors
- Isolate the connector body electrically from the panel
- Not suitable for sealed versions



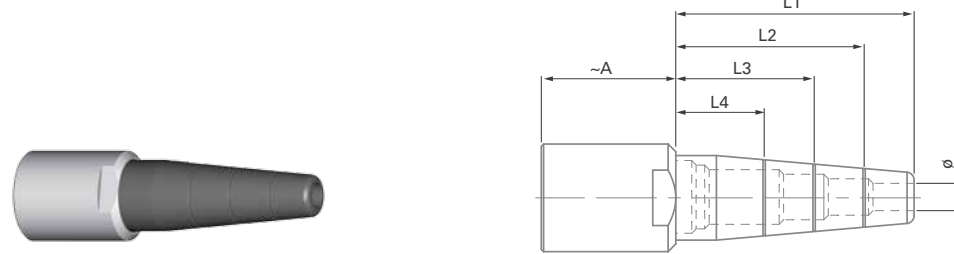


KNURLED CLAMP NUTS & CABLE BEND RELIEFS

KNURLED CLAMP NUTS



CABLE BEND RELIEFS



Series	A	B	D	d	⚙️	Part number
102	6	3.0	9	4.8	7	102.1869
103	11	5.5	12	6.5	10	103.2092
1031	12	5.5	13	7.2	12	1031.248
104	11	5.5	15	8.5	12	104.2103
105	14	7.5	18	11.0	15	105.2626

Material: nickel and chromium plated brass (ISO CuZn39Pb3)

Series ¹⁾	Cable ø range	Length	A
102	1.5 - 3.4	L1 = 21	10
	3.5 - 4.5	L1 = 21	
103	3.0 - 4.0	L1 = 26	17
	4.0 - 5.0	L2 = 21	
	5.0 - 6.2	L3 = 16	
1031	3.0 - 4.0	L1 = 26	18
	4.0 - 5.0	L2 = 21	
	5.0 - 6.5	L3 = 16	

Series ¹⁾	Cable ø range	Length	A
104	4.0 - 5.0	L1 = 31	18
	5.0 - 6.5	L2 = 25	
	6.0 - 7.5	L3 = 18	
105	4.0 - 5.0	L1 = 37	21
	5.5 - 6.5	L2 = 31	
	7.0 - 8.5	L3 = 24	
	8.5 - 10.5	L4 = 18	

¹⁾ For the 102 Series, cable bend reliefs are designed specifically for a given cable ø range.

For all other Series, cable bend reliefs have to be cut to length L1, L2, L3 or L4 to fit your cable ø range.

Material:

Clamp nut: nickel and chromium plated brass (ISO CuZn39Pb3)

Bend relief: TPE (Thermoplastic elastomer)

These cable bend reliefs cannot be assembled with the clamp nuts supplied with the standard connectors.

Therefore, the cable bend reliefs are supplied as sub-assemblies.



CABLE BEND RELIEFS

NATURAL CHROME CONNECTORS

PART NUMBERS

Series ¹⁾	Cable \varnothing range	Bend relief color			
		White	Black	Green	Blue
102	1.5 - 3.4	-	E4 102.190.2	E4 102.190.3	E4 102.190.4
	3.5 - 4.5	-	E4 102.192.2	E4 102.192.3	E4 102.192.4
103	3.0 - 6.2	E4 103.190.1	E4 103.190.2	E4 103.190.3	E4 103.190.4
1031	3.0 - 6.5	E4 1031.190.1	E4 1031.190.2	E4 1031.190.3	E4 1031.190.4
104	4.0 - 7.5	E4 104.190.1	E4 104.190.2	E4 104.190.3	E4 104.190.4
105	4.0 - 10.5	E4 105.190.1	E4 105.190.2	E4 105.190.3	E4 105.190.4

BLACK CHROME CONNECTORS

PART NUMBERS

Series ¹⁾	Cable \varnothing range	Bend relief color			
		White	Black	Green	Blue
102	1.5 - 3.4	-	E4 102.191.2	E4 102.191.3	E4 102.191.4
	3.5 - 4.5	-	E4 102.193.2	E4 102.193.3	E4 102.193.4
103	3.0 - 6.2	E4 103.191.1	E4 103.191.2	E4 103.191.3	E4 103.191.4
1031	3.0 - 6.5	E4 1031.191.1	E4 1031.191.2	E4 1031.191.3	E4 1031.191.4
104	4.0 - 7.5	E4 104.191.1	E4 104.191.2	E4 104.191.3	E4 104.191.4
105	4.0 - 10.5	E4 105.191.1	E4 105.191.2	E4 105.191.3	E4 105.191.4

¹⁾ For the 102 Series, cable bend reliefs are designed specifically for a given cable \varnothing range.
For other Series, cable bend reliefs have to be cut to length L1, L2, L3 or L4 to fit your cable \varnothing range.

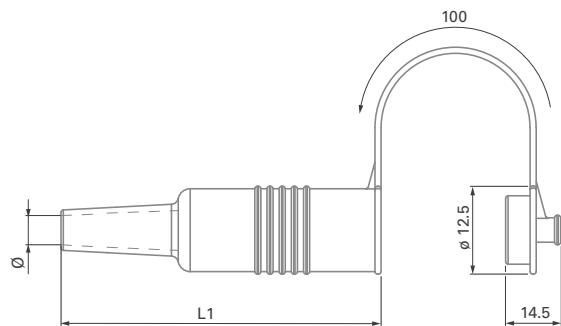
Series ¹⁾	Cable \varnothing range	Bend relief color		
		Yellow	Red	Grey
102	1.5 - 3.4	E4 102.190.5	E4 102.190.6	E4 102.190.7
	3.5 - 4.5	E4 102.192.5	E4 102.192.6	E4 102.192.7
103	3.0 - 6.2	E4 103.190.5	E4 103.190.6	E4 103.190.7
1031	3.0 - 6.5	E4 1031.190.5	E4 1031.190.6	E4 1031.190.7
104	4.0 - 7.5	E4 104.190.5	E4 104.190.6	E4 104.190.7
105	4.0 - 10.5	E4 105.190.5	E4 105.190.6	E4 105.190.7

Series ¹⁾	Cable \varnothing range	Bend relief color		
		Yellow	Red	Grey
102	1.5 - 3.4	E4 102.191.5	E4 102.191.6	E4 102.191.7
	3.5 - 4.5	E4 102.193.5	E4 102.193.6	E4 102.193.7
103	3.0 - 6.2	E4 103.191.5	E4 103.191.6	E4 103.191.7
1031	3.0 - 6.5	E4 1031.191.5	E4 1031.191.6	E4 1031.191.7
104	4.0 - 7.5	E4 104.191.5	E4 104.191.6	E4 104.191.7
105	4.0 - 10.5	E4 105.191.5	E4 105.191.6	E4 105.191.7



PROTECTIVE SLEEVES - 102 SERIES

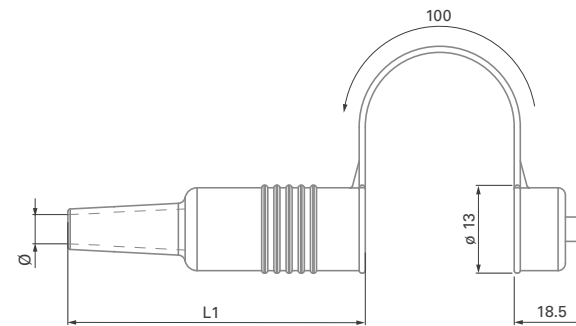
S, SC & SOV



Series	Cable Ø Range	L1	Part number
102	1.8 - 4.5	56	102.785

Material: TPE (Thermoplastic elastomer).

K & KE

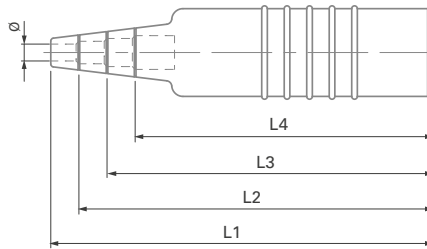


Series	Cable Ø Range	L1	Part Number
102	1.8 - 4.5	47	102.786

Material: TPE (Thermoplastic elastomer).



PROTECTIVE SLEEVES - 103, 1031, 104, 105, 106 & 107 SERIES



Series	Cable Ø range	Length	Part number
103	3.0 - 4.1	L1 = 68	103.861
	4.2 - 5.1	L2 = 63	
	5.2 - 6.1	L3 = 58	
	6.2 - 6.5	L4 = 53	
1031	3.0 - 4.1	L1 = 69	1031.855
	4.2 - 5.1	L2 = 64	
	5.2 - 6.1	L3 = 59	
	6.2 - 6.5	L4 = 54	

Material: TPE (Thermoplastic elastomer).

Series	Cable Ø range	Length	Part number
104	4.0 - 5.1	L1 = 83	104.861
	5.2 - 6.1	L2 = 76	
	6.2 - 7.1	L3 = 70	
	7.2 - 8.5	L4 = 63	
105	3.5 - 5.6	L1 = 104	105.1545
	5.7 - 7.6	L2 = 96	
	7.7 - 8.6	L3 = 88	
	8.7 - 10.5	L4 = 80	

Series	Cable Ø range	Length	Part number
106	6.0 - 10.4	L1 = 123	106.226
	10.5 - 13.4	L2 = 112	
	13.5 - 16.4	L3 = 102	
	16.5 - 19.0	L4 = 92	
107	7.0 - 10.4	L1 = 170	107.808
	10.5 - 13.4	L2 = 160	
	13.5 - 16.4	L3 = 150	
	16.5 - 19.4	L4 = 140	
	19.5 - 22.5	L4 = 130	

Series	Cable Ø range	Length	Part number
103	3.0 - 4.1	L1 = 60	103.886
	4.2 - 5.1	L2 = 55	
	5.2 - 6.1	L3 = 50	
	6.2 - 6.5	L4 = 45	
1031	3.0 - 4.1	L1 = 61	1031.860
	4.2 - 5.1	L2 = 56	
	5.2 - 6.1	L3 = 51	
	6.2 - 6.5	L4 = 46	

Material: TPE (Thermoplastic elastomer).

These protective sleeves for straight cable plugs and cable receptacles have grooved cable bend reliefs which can be shortened according to cable diameters. The lengths of the sleeves and the corresponding cable diameters are listed above.

Series	Cable Ø range	Length	Part number
104	4.0 - 5.1	L1 = 68	104.862
	5.2 - 6.1	L2 = 61	
	6.2 - 7.1	L3 = 55	
	7.2 - 8.5	L4 = 48	
105	3.5 - 5.6	L1 = 88	105.1546
	5.7 - 7.6	L2 = 80	
	7.7 - 8.6	L3 = 72	
	8.7 - 10.5	L4 = 64	

Series	Cable Ø range	Length	Part number
106	6.0 - 10.4	L1 = 110	106.405
	10.5 - 13.4	L2 = 99	
	13.5 - 16.4	L3 = 89	
	16.5 - 19.0	L4 = 79	
107	7.0 - 10.4	L1 = 146	107.809
	10.5 - 13.4	L2 = 136	
	13.5 - 16.4	L3 = 126	
	16.5 - 19.4	L4 = 116	
	19.5 - 22.5	L5 = 106	

All dimensions and images shown are in millimeters and are for reference only.



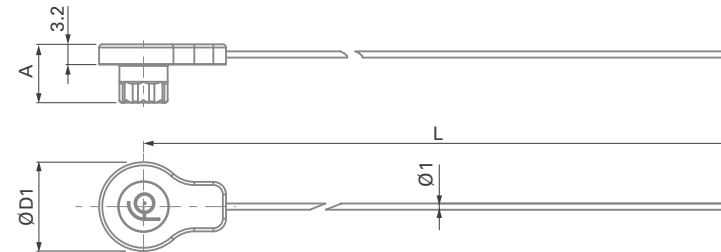
SOFT CAPS - LANYARD WITH NYLON THIN CORD

FOR RECEPTACLES



Accessories	Description	Part number
	Crimp ferrule	300.637
	Crimp lug	300.299
	Heat shrink tube	300.930

Crimp ferrule, crimp lug and heat shrink tube have to be ordered separately.



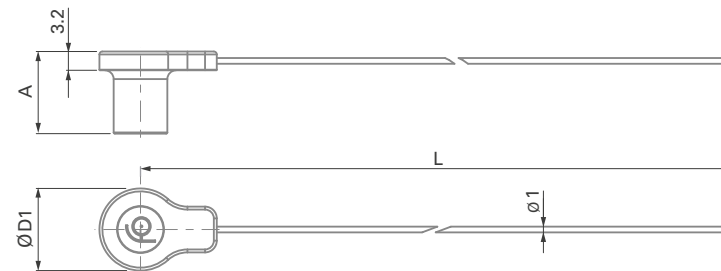
Series	A	D1	L	Part number
102	9.2	14	200	102.2181
103	9.7	17	200	103.2406
1031	9.5	18	200	1031.1433
104	10.0	20	200	104.2808
105	10.0	23	200	105.3265

FOR PLUGS



Accessories	Description	Part number
	Crimp ferrule	300.637
	Crimp lug	300.299
	Heat shrink tube	300.930

Crimp ferrule, crimp lug and heat shrink tube have to be ordered separately.



Series	A	D1	L	Part number
100	14.0	14	200	102.2180
103	14.7	17	200	103.2405
1031	14.0	18	200	1031.1432
104	16.0	20	200	104.2807
105	19.0	23	200	105.3264

Material: cap: Santoprene™ TPV 101-80 / Cord: Nylon.

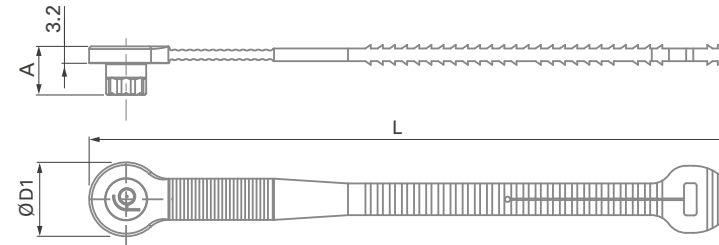


SOFT CAPS - SINGLE-PIECE

FOR RECEPTACLES



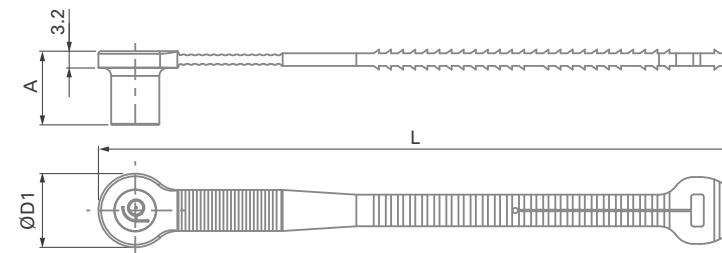
Series	A	D1	L	Part number
102	9.2	14	122	102.2166
103	9.7	17	147	103.2396
1031	9.5	18	148	1031.1422
104	10.0	20	164	104.2763
105	10.0	23	186	105.3250



FOR PLUGS

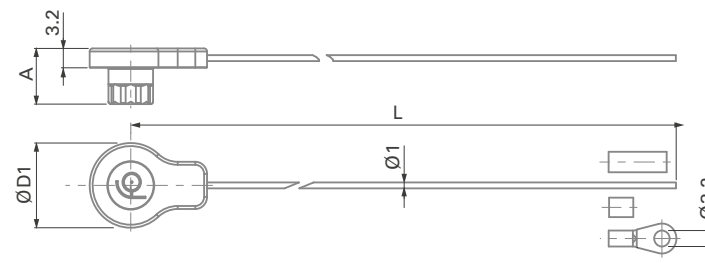


Series	A	D1	L	Part number
102	14.0	14	122	102.2169
103	14.7	17	147	103.2399
1031	14.0	18	148	1031.1425
104	16.0	20	164	104.2766
105	19.0	23	186	105.3253



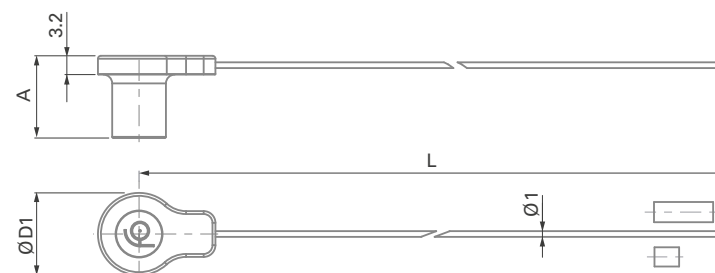
Material: cap: Santoprene™ TPV 101-80.

All dimensions and images shown are in millimeters and are for reference only.

**SOFT CAPS - LANYARD WITH STAINLESS STEEL CABLE****FOR RECEPTACLES**

Series	A	D1	L	Part number
102	9.2	14	200	102.2167
103	9.7	17	200	103.2397
1031	9.5	18	200	1031.1423
104	10.0	20	200	104.2764
105	10.0	23	200	105.3251

Crimp ferrule (300.922), crimp lug (300.299) and heat shrink tube (300.930) are included.

FOR PLUGS

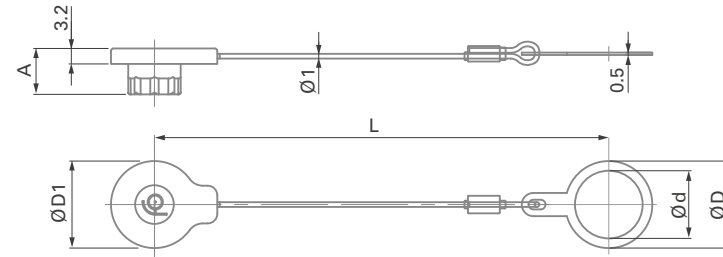
Series	A	D1	L	Part number
102	14.0	14	200	102.2185
103	14.7	17	200	103.2404
1031	14.0	18	200	1031.1431
104	16.0	20	200	104.2806
105	19.0	23	200	105.3263

Crimp ferrule (300.922) and heat shrink tube (300.930) are included.
Material: cap: Santoprene™ TPV 101-80 / Cable: Stainless steel with FEP-Teflon® covering.



SOFT CAPS - ASSEMBLED LANYARD WITH STAINLESS STEEL CABLE

FOR RECEPTACLES



Caps are intermateable to provide additional dust protection.

Series	A	D1	L	d	D	Part number
102	9.2	14	86	9	13	102.2182
	9.2	14	86	10	14	102.2165
103	9.7	17	93	14	18	103.2394
1031	9.5	18	94	14	18	1031.1434
	9.5	18	94	15	20	1031.1420
104	10.0	20	98	16	21	104.2761
105	10.0	23	100	20	25	105.3248

Crimp ferrule, heat shrink tube and fixing lug are included and mounted.

Material

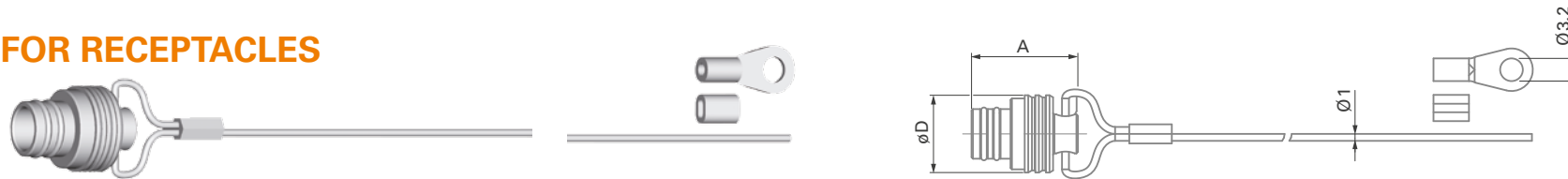
Cap: Santoprene™ TPV 101-80
 Cable: Stainless steel with FEP-Teflon® covering
 Fixing lug: Black chrome plated brass (ISO CuZn37)

All dimensions and images shown are in millimeters and are for reference only.



METAL CAPS

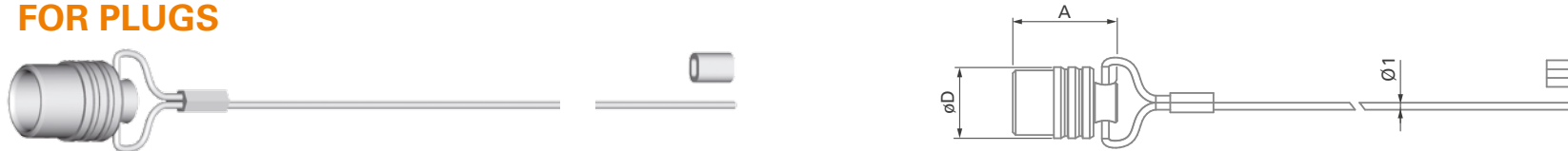
FOR RECEPTACLES



Series	Part number		O-ring material	Caps		Stainless steel cable		Crimp ferrule	Crimp lug
	Natural chrome ¹⁾	Black chrome ²⁾		A	D	Length	Covering material	Part number	Part number
102	102.1947	102.1951	NBR	15.0	11	100	FEP - Teflon®	300.922	300.299
103	103.2273	103.2276		15.0	13	100			
1031	1031.824	1031.826		17.0	15	100			
104	104.714	104.716		17.5	16	150			
105	105.3001	105.3005		21.0	19	150			
106	106.812	106.814		24.0	31	250			
107	107.2311	107.2313		26.0	36	300			

Material: cap: natural or black chrome plated brass (ISO CuZn39Pb3) – Crimp ferrule: aluminium – Crimp lug: tin plated copper.

FOR PLUGS



Series	Part number		O-ring material	Caps		Stainless steel cable		Crimp ferrule
	Natural chrome ¹⁾	Black chrome ²⁾		A	D	Length	Covering material	Part number
102	102.1948	102.1952	FPM - Viton®	14.5	10	100	FEP - Teflon®	300.922
103	103.2274	103.2277		21.0	14	100		
1031	1031.825	1031.827		20.0	15	100		
104	104.715	104.717		21.0	15	150		
105	105.3002	105.3006		29.0	20	150		
106	106.813	106.815		37.0	33	250		
107	107.2312	107.2314		42.0	38	300		

Material: cap: natural or black chrome plated brass (ISO CuZn39Pb3) – Crimp ferrule: aluminium.

These metal caps are fitted with an O-ring seal. They protect and seal the mating face of the plugs and receptacles.

To attach the ferrule or the crimp lug to the stainless steel cable, use a crimp tool, a vice or a pair of pliers with parallel jaws. See page J3 for recommended crimping tool for ferrule.

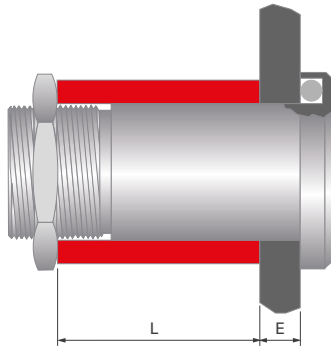
¹⁾ Assembled with natural plastic covered stainless steel cable.

²⁾ Assembled with black plastic covered stainless steel cable.



SPACERS

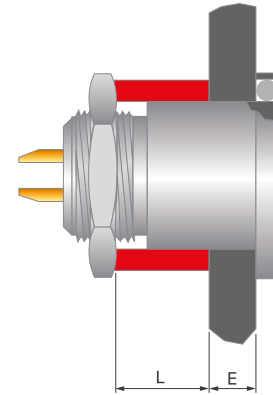
FOR WDE



Series	E	L	Part number
106	0.5 - 8.5	30.0	106.560
	8.0 - 16.0	22.5	106.561
	15.5 - 23.5	15.0	106.562
	23.0 - 31.0	7.5	106.563
107	2.0 - 5.5	18.5	107.556
	5.0 - 8.5	15.5	107.557
	8.0 - 11.5	12.5	107.558
	11.0 - 14.5	9.5	107.559
	14.0 - 17.5	6.5	107.560
	17.0 - 20.5	3.5	107.561

Material: aluminium.

FOR DEE, DEU & DKE¹⁾



Series	E	L	Part number
102	0.5 - 3.0	8.5	102.550
	2.5 - 5.5	6.0	102.551
	5.0 - 8.0	3.5	102.552

Series	E	L	Part number
104	0.5 - 3.0	8.5	104.550
	2.5 - 5.5	6.0	104.551
	5.0 - 8.0	3.5	104.552

Series	E	L	Part number
106	0.5 - 5.5	19.0	106.550
	5.0 - 10.0	14.5	106.551
	9.5 - 14.5	10.0	106.552
	14.0 - 19.0	5.5	106.553

Material: aluminium.

Series	E	L	Part number
103 1031	0.5 - 3.0	8.5	103.550
	2.5 - 5.5	6.0	103.551
	5.0 - 8.0	3.5	103.552

Series	E	L	Part number
105	0.5 - 5.0	12.0	105.1121
	3.5 - 8.5	8.5	105.1122
	7.0 - 12.0	5.0	105.1123

Series	E	L	Part number
107	1.0 - 4.0	18.5	107.556
	4.0 - 7.0	15.5	107.557
	7.0 - 10.0	12.5	107.558
	10.0 - 13.0	9.5	107.559
	13.0 - 16.0	6.5	107.560
	16.0 - 19.0	3.5	107.561

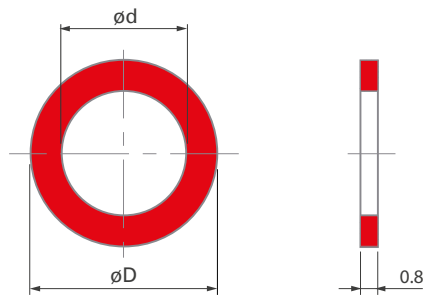
¹⁾ Spacers are useful and available for DKE only in 102 and 103 Series.



WASHERS

COLOR CODING WASHERS

FOR D, DB, DBP, DBPC, DG, DGP, DK & SF



Series	D	d	Color						
			White	Black	Green	Blue	Yellow	Red	Grey
102	14.5	9	102.681	102.682	102.683	102.684	102.685	102.686	102.687
103	18.0	12	103.781	103.782	103.783	103.784	103.785	103.786	103.787
1031	20.0	14	1031.781	1031.782	1031.783	1031.784	1031.785	1031.786	1031.787
104 ¹⁾	23.0	15	104.981	104.982	104.983	104.984	104.985	104.986	104.987
105 ²⁾	26.0	18	105.2281	105.2282	105.2283	105.2284	105.2285	105.2286	105.2287

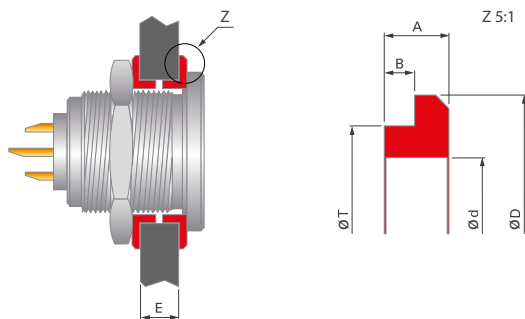
¹⁾ The connector style DB 104 requires an inner diameter d = 16 mm

²⁾ The connector style SF 105 requires an inner diameter d = 16 mm

Material: PP (Polypropylene).

INSULATING COLOR CODING WASHERS

FOR D RECEPTACLES



Series	D	d	T	A	B	E min/max	Color						
							White	Black	Green	Blue	Yellow	Red	Grey
102	12	9	10.6	1.5	0.6	1.3/6.5	102.791	102.792	102.793	102.794	102.795	102.796	102.797
103	15	12	13.9	2.0	1.0	2.1/5.0	103.382	103.383	-	-	-	-	-
104	19	15	17.0	2.0	1.0	2.1/8.5	-	104.377	-	-	-	-	-

Material:

102 Series: ABS (Acrylonitrile butadiene styrene).

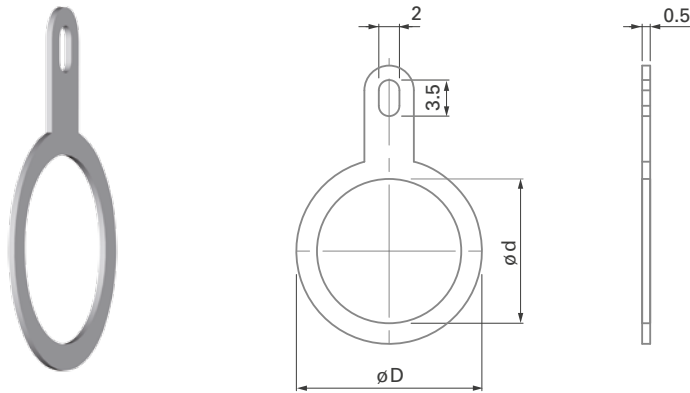
103, 104 Series: POM (Polyoxymethylene) Delrin®



WASHERS

GROUNDING WASHERS

FOR PANEL CONNECTORS

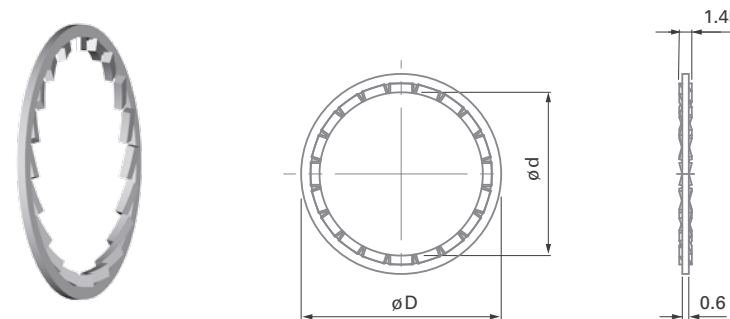


Series	d	D	Part number
102	9	13	102.680
	10	14	102.679
103	12	16	103.385
1031	14	18	1031.315
104	15	20	104.680
	16	21	104.679
105	18	23	105.680
	20	25	105.679

Material: copper and tin plated brass (ISO CuZn37).

LOCKING WASHERS

FOR PANEL CONNECTORS



d	D	Part number	d	D	Part number
9	12.0	300.874	16	20	300.878
12	15.0	300.875	18	23	300.879
14	17.5	300.876	20	26	300.880
15	18.5	300.877	25	33	1052.338

Material: copper and tin plated brass (ISO CuZn37).

All dimensions and images shown are in millimeters and are for reference only.

**SPANNERS & NUT DRIVER****DOUBLE-END OPEN SPANNERS**
EXTRA THIN 

Part number	Opening across flats	Length	Fork thickness
TX00.007	7	90	2.0
TX00.008	8	96	2.3
TX00.009	9	102	2.5
TX00.010	10	104	2.5
TX00.011	11	114	2.5
TX00.012	12	122	3.0
TX00.013	13	122	3.0
TX00.014	14	130	3.0

Material: chrome alloy steel, chrome plated, fork angles – 15° and 75°.

OPEN-END SPANNERS
EXTRA THIN 

Part number	Opening across flats	Length	Fork thickness
TX00.015	15	145	5.2
TX00.016	16	160	3.2
TX00.017	17	160	5.5
TX00.019	19	175	6.0
TX00.020	20	175	6.0
TX00.022	22	196	6.5
TX00.024	24	195	6.5
TX00.025	25	216	7.0
TX00.030	30	240	7.5
TX00.032	32	270	8.0

Material: chrome vanadium steel, chrome plated, fork angle – 15°.



SPANNERS & NUT DRIVER

HOOK SPANNERS

FOR SIDE SLOTTED NUTS



Part number	Thread size	Nut outer dia.
TX00.106	M30x1 / M32x1	34 – 38
TX00.107	M35x1 / M36x1	39 – 43

Material: hardened tool steel, gunmetal finish.

NUT DRIVER WITH T-HANDLE AND HEX DRIVE

FOR DECORATIVE SLOTTED NUTS



Part number	Thread size	Nut outer dia.	D	Hex drive
TC00.000	M9 x 0.5	12	15	7
TC00.007	M10 x 0.5	13	16	7
TF00.001	M12 x 1	15	18	10
TG00.001	M14 x 1	18	21	10
TK00.000	M15 x 1	19	22	12
TK00.002	M16 x 1	20	23	12
TP00.011	M18 x 1	23	26	12
TP00.005	M20 x 1	25	28	12

Material: hardened tool steel, nickel plated.



CRIMPING TOOLS

CRIMP TOOL ULTRA PRECISION

FOR CLOSED C CRIMP TERMINATION



Part number	Contact dia.	C crimp tool
TX00.240	0.5	BALMAR 18 - 000 or DANIELS MH - 800
	0.7	
	0.9	
	1.3	
TX00.242	1.6	ASTROTOOL 615708

The best choice of precision crimp tools for highly reliable eight indenter crimping per US-MIL, IEC and DIN specifications. Positioners have to be ordered according to contact.

Standards

IEC 60203 / DIN 41 611, Part 3 / MIL-C-22520, Class I, Type 1

FISCHER POSITIONER

SUITABLE FOR CRIMP TOOL TX00.240



SUITABLE FOR CRIMP TOOL TX00.242



For the choice of Fischer Connectors' positioner, please refer to page B 1-26.



CRIMPING TOOLS

CRIMP TOOL

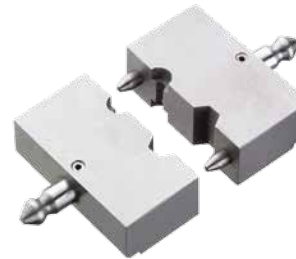
FOR COAXIAL CABLE



Part number	Description
TX00.241	The crimp tool for coaxial cable features a system of interchangeable dies (see below) that accommodate coaxial connectors and contacts used by Fischer Connectors.

CRIMPING DIES FOR PRECISION CRIMP TOOL

SUITABLE FOR CRIMP TOOL TX00.241



	Part number	Description
	TX00.250	Special crimping dies for coaxial cables of cable group 1 (RG-174 etc.). The hexagon corresponds to IEC 60803-B.
	TX00.251	Special crimping dies for coaxial cables of cable group 4 (RG-58 etc.). The hexagon corresponds to IEC 60803-D.
	TX00.265	Special crimping dies for crimp ferrule 300.922 of sealing caps

See page B 3-22 for the table of cable groups.



FOR CRIMP AND HIGH VOLTAGE CONTACTS

CONTACT
INSERTION TOOL



Part number	Contact dia.	Description
TX00.214	0.5	Tool for inserting male and female removable crimp contacts into the contact block. Especially recommended for small gauge and fragile wires.
TX00.210	0.7	
TX00.211	0.9	
TX00.273	1.3	

Material:
Handle: black POM (Delrin®).
Fork: tool steel, chrome plated.

CONTACT
EXTRACTION TOOL



Part number	Contact dia.	Description
TX00.213	0.5	Tool for extracting male and female removable crimp contacts from the contact block.
TX00.200	0.7	
TX00.205	0.9	The sleeve of this tool is pushed over the contact, to release the contact retaining mechanism.
TX00.212	1.3	The tool plunger is then pushed to eject the contact.
TX00.201	1.6	

Material:
Housing and plunger: black POM (Delrin®).
Sleeve: stainless steel.
Slide: tool steel.



FOR CRIMP AND HIGH VOLTAGE CONTACTS

ASSEMBLY TOOL

FOR MALE CONTACTS WITH OUTSIDE THREAD



Part number	Description
TP00.001	Tool for special contacts which are inserted only after termination to a wire ¹⁾ . To be used for : - Multipole HV Cable receptacle 107 A034 - Coax HV Plugs 105 A005 & 105 A108 - Mixed HV Cable receptacles 105 A020, 105 A036, 105 A060 Receptacles 106 A014

Material – Stainless steel: length 75 mm – Inside thread M3

¹⁾ Warning: these contacts are not removable after insertion into the contact block.

FOR FEMALE CONTACTS WITH INSIDE THREAD



Part number	Description
TP00.000	Tool for special contacts which are inserted only after termination to a wire ¹⁾ . To be used for : - Multipole HV Plug 107 A034 - Coax HV Plugs 105 Z005 (right-angle only) & 105 Z049 Receptacles 105 A049, 105 A108 - Mixed HV Plugs 105 A020, 105 A036, 105 A060 & 106 A014

Material – Stainless steel: length 75 mm – Outside thread M1.7

All dimensions and images shown are in millimeters and are for reference only.