

Standard Connectors

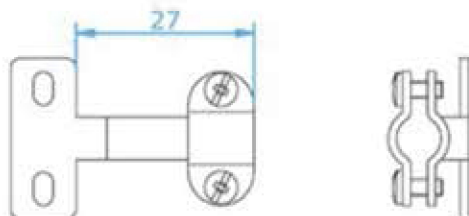
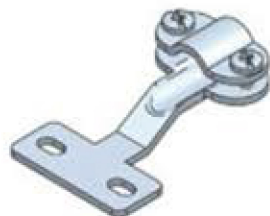
2-Pin 200 °C	2-Pin 200 °C Jab-in	2-Pin 350 °C High Temp	2-Pin 425 °C Ultra HT	2-Pin 650 °C Ceramic	2-Pin 650 °C Ceramic Jab-in	3-Pin 200 °C	4-Pin 200 °C
CSP(L)-xx	CSPQ(L)-xx	CSPH(L)-xx	CSPU(L)-xx	CSPC(L)-xx	CSPCQ(L)-xx	CSPT(L)-xx	CSPD(L)-xx
CSJ-xx	CSJQ-xx	CSJH-xx	CSJU-xx	CSJC-xx	CSJCQ-xx	CSJT-xx	CSJD-xx

Standard Panel Inserts

2-Pin 200 °C	2-Pin 200 °C Flanged	2-Pin 200 °C Lugged	2-Pin 200 °C Round	2-Pin 200 °C Round	3-Pin 200 °C Lugged
PSI-xx	PSIFB-xx	PSIL-xx	Front Mount PSIR-xx	Rear Mount PSIRB-xx	PSITL-xx

Accessories

Standard Connector Wire Clamp Bracket



20.055-x

Application

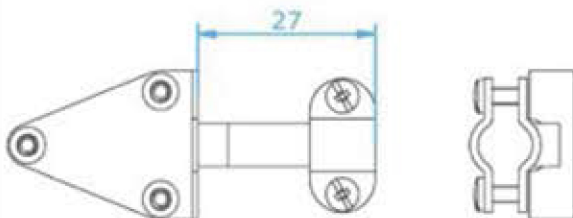
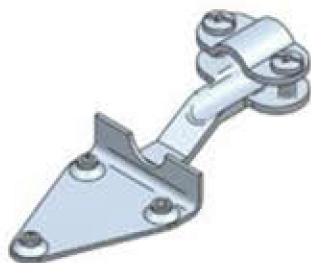
Wire clamp bracket will provide optimum strain relief. Construction allows a large difference in maximum and minimum wire diameter.

Construction

All stainless steel, incl stainless steel screws

Part Nr.

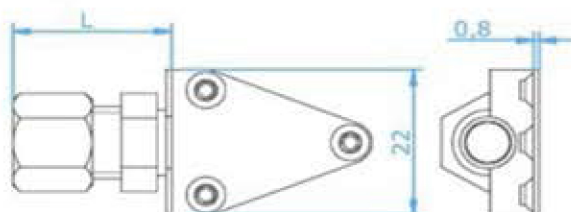
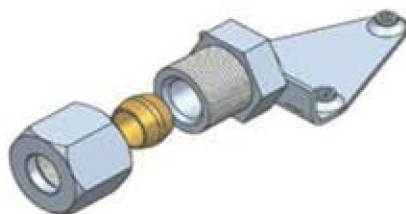
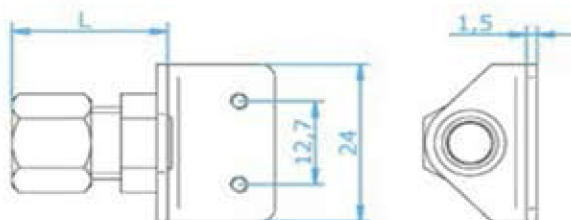
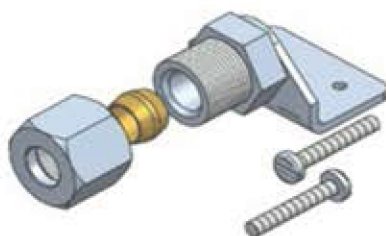
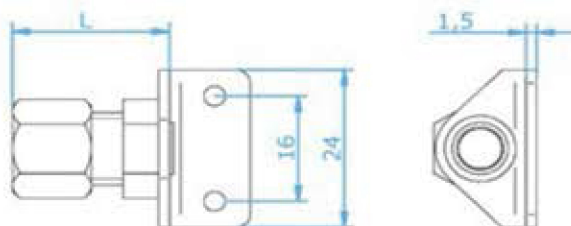
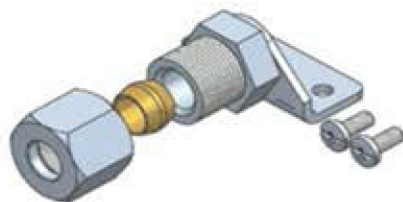
- | | |
|----------|--|
| 20.055-1 | standard connector
fits on all connectors CSP(L), CSJ, CSPH(L), CSJH, CSPQ(L), CSJQ, CSPT(L) and CSJT |
| 20.055-2 | standard connector ceramic
fits on all connectors CSPC(L), CSJC |
| 20.055-5 | standard connector duplex
fits on all connectors CSPD(L), CSJD |
| 20.333 | standard connector ultra high temp
fits on all connectors CSPU(L), CSJU |



20.333

Accessories

Standard Connector Tube Adapter



Application

Can be used to mount the connector on mineral insulated cable or a tube type thermocouple. Can be used several times if not overtightened.

Construction

Stainless steel compression fitting with a brass ferrule on stainless steel bracket

Standard Connector

Part Nr.	Diameter	Dim. L	Wrench size
20.154-1	1,7 mm - 1/16"	+/- 19 mm	Hex 10 mm
20.154-2	3,3 mm - 1/8"	+/- 20 mm	Hex 10 mm
20.154-3	4,9 mm - 3/16"	+/- 23 mm	Hex 13 mm
20.154-4	6,5 mm - 1/4"	+/- 24 mm	Hex 13 mm
20.154-5	8,1 mm - 5/16"	+/- 25 mm	Hex 16 mm
20.154-6	6,0 mm	+/- 24 mm	Hex 13 mm
20.154-7	9,5 mm - 3/8"	+/- 26 mm	Hex 16 mm

This tube adapter fits on all connectors CSP(L), CSJ, CSPH(L), CSJH, CSPQ(L), CSJQ, CSPT(L) and CSJT.

Standard Connector Ceramic

Part Nr.	Diameter	Dim. L	Wrench size
20.344-1	1,7 mm - 1/16"	+/- 19 mm	Hex 10 mm
20.344-2	3,3 mm - 1/8"	+/- 20 mm	Hex 10 mm
20.344-3	4,9 mm - 3/16"	+/- 23 mm	Hex 13 mm
20.344-4	6,5 mm - 1/4"	+/- 24 mm	Hex 13 mm
20.344-5	8,1 mm - 5/16"	+/- 25 mm	Hex 16 mm
20.344-6	6,0 mm	+/- 24 mm	Hex 13 mm
20.344-7	9,5 mm - 3/8"	+/- 26 mm	Hex 16 mm

This tube adapter fits on all connectors CSPC(L), CSJC, CSPCQ(L), CSJCQ.

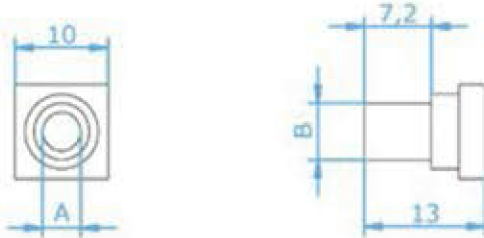
Standard Connector Ultra High Temp

Part Nr.	Diameter	Dim. L	Wrench size
20.345-1	1,7 mm - 1/16"	+/- 19 mm	Hex 10 mm
20.345-2	3,3 mm - 1/8"	+/- 20 mm	Hex 10 mm
20.345-3	4,9 mm - 3/16"	+/- 23 mm	Hex 13 mm
20.345-4	6,5 mm - 1/4"	+/- 24 mm	Hex 13 mm
20.345-5	8,1 mm - 5/16"	+/- 25 mm	Hex 16 mm
20.345-6	6,0 mm	+/- 24 mm	Hex 13 mm
20.345-7	9,5 mm - 3/8"	+/- 26 mm	Hex 16 mm

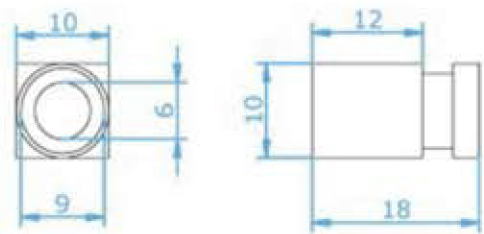
This tube adapter fits on all connectors CSPU(L), CSJU.

Accessories

Standard Connector Crimp-insert



20.025-x



20.260-1

Application

Crimp-insert can be fitted in the entrance hole of the connector. Designed for soldering or crimping on mineral insulated cable or crimping on insulated wire.

Construction

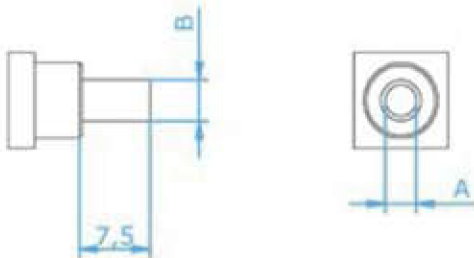
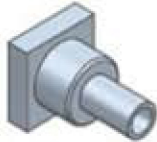
Brass machined insert with 0,1 mm tolerance on the cable OD. The adapter fits in all standard connectors.

Part Nr.	A	B
20.025-1	1,10 mm	2,40 mm
20.025-2	1,60 mm	2,40 mm
20.025-3	1,70 mm	2,40 mm
20.025-4	2,10 mm	3,20 mm
20.025-5	2,40 mm	3,20 mm
20.025-6	3,10 mm	4,30 mm
20.025-7	3,30 mm	4,30 mm
20.025-8	4,60 mm	6,00 mm
20.025-9	4,90 mm	6,00 mm
20.025-10	6,10 mm	7,90 mm
20.025-11	6,50 mm	7,90 mm
20.025-12		7,90 mm
20.025-13	5,60 mm	6,50 mm
20.025-14	7,00 mm	7,90 mm
20.025-15	0,90 mm	2,40 mm
20.025-16	4,10 mm	6,00 mm

20.260-1	9,0 mm	10,00 mm
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Accessories

Standard Connector Braze/Crimp adapter



Application

Adapter can be fitted in the entrance hole of the connector to braze/crimp in mineral isolated cable.

Construction

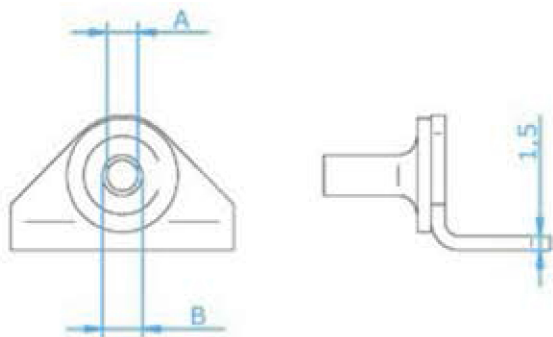
Stainless steel adapter, AISI-303 / DIN-1.4305

The adapter fits in all standard connectors.

Partnr.	A	B
20332-1	1,10 mm	2,40 mm
20332-2	1,60 mm	2,40 mm
20332-3	1,70 mm	2,40 mm
20332-4	2,10 mm	3,20 mm
20332-5	2,40 mm	3,20 mm
20332-6	3,10 mm	4,30 mm
20332-7	3,30 mm	4,30 mm
20332-8	4,60 mm	6,00 mm
20332-9	4,90 mm	6,00 mm
20332-10	6,10 mm	7,90 mm
20332-11	6,50 mm	7,90 mm
20332-14	7,00 mm	7,90 mm

Accessories

Standard Connector L-Bracket crimp-adapter



Application

L-Bracket can be fitted on the connector, the brass crimp-adapter is specially treated to crimp on mineral isolated cable.

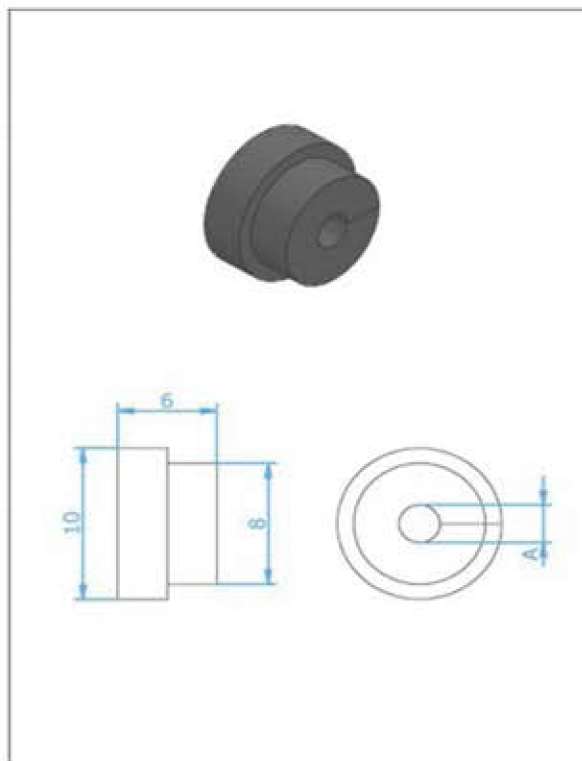
Construction

Stainless steel L-Bracket with brass crimp-adapter, chrome plated.

Part Nr.	Dimension A	Dimension B
20.351-1	1,7 mm - 1/16"	2,4 mm
20.351-2	3,3 mm - 1/8"	4,3 mm
20.351-3	4,9 mm - 3/16"	6,0 mm
20.351-4	6,5 mm - 1/4"	7,9 mm
20.351-5	3,1 mm	4,3 mm
20.351-6	6,1 mm	7,9 mm

Accessories

Standard Connector Grommet



Application

Grommet can be fitted in the entrance hole of the connector to prevent moisture and dirt from entering the connector. Has limited strain relief capabilities.

Construction

Silicone ring slit for easy mounting over the wire. Will compress on the wire when cover is fitted.

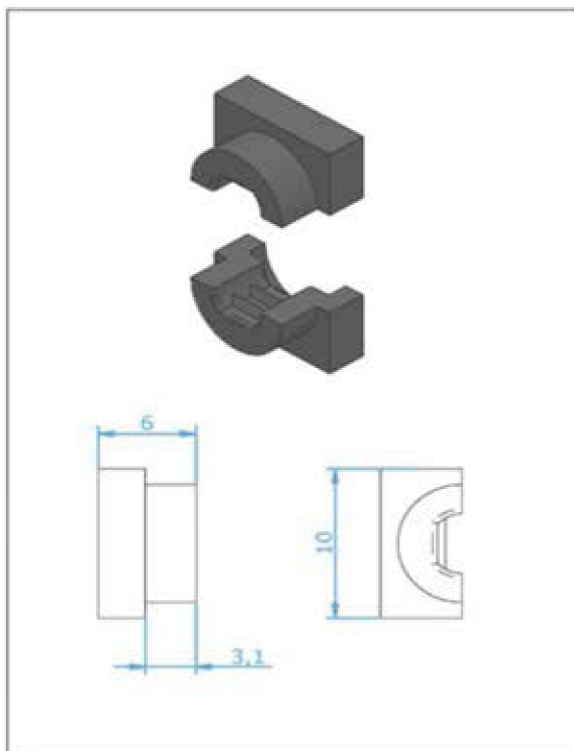
Temperature Rating

200 °C Max.

Part Nr.	A
20.048-1	2,50 mm
20.048-2	1,50 mm
20.048-3	4,50 mm

Accessories

Standard Connector Wire Insert



Application

A set wire inserts fitted in the entrance hole of the connector will provide a very good strain relief without any protruding parts from the connector.

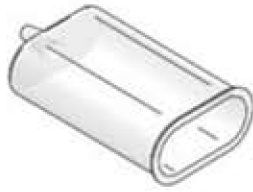
Construction

Thermoplastic material with a round or oval hole to fit around a specific wire.

Part Nr.	Round/Oval	Wire
20.076-5	Round	3,5 mm
20.076-24	Round	2,0 x 1,5 mm

Accessories

Standard Connector Protection Boot



Application

The two flexible silicone rubber boots will cover the connector set snugly and prevent moisture, water and dirt entering the connector.

Temperature Rating

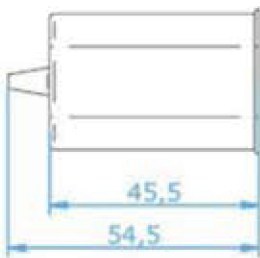
- 200 °C

Construction

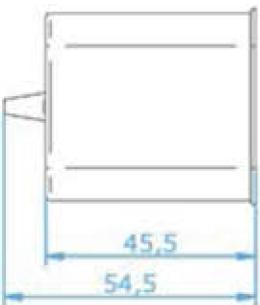
- Silicone cover with retention ring prevent disconnection due to vibration.
- Tapered entrance hole to ensure proper sealing on most cable diameters.

Part Nr.	20.061-1	Two pin connector
	20.061-2	Three pin connector

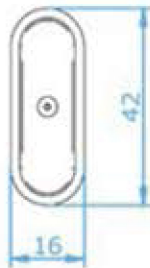
Note: for one set order 2 pcs



Two Pin

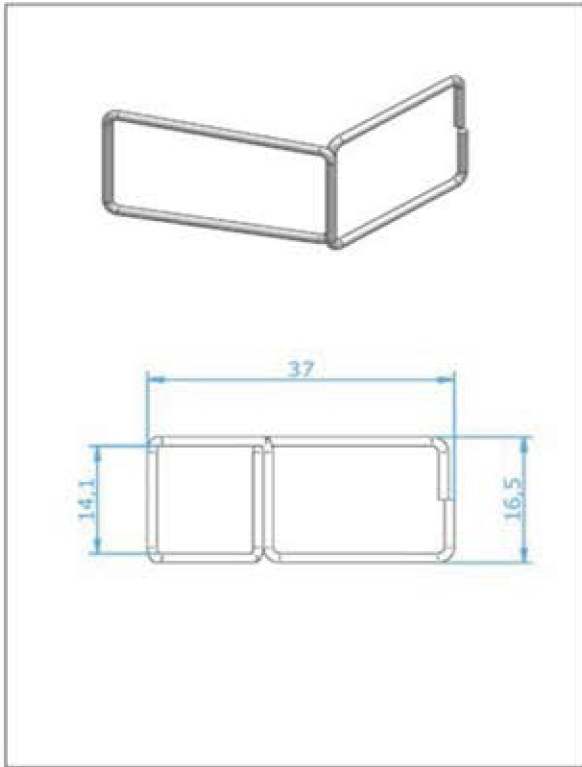


Three Pin



Accessories

Standard Connector Locking Clip



Application

In order to prevent accidental disconnection a locking clip can be used.

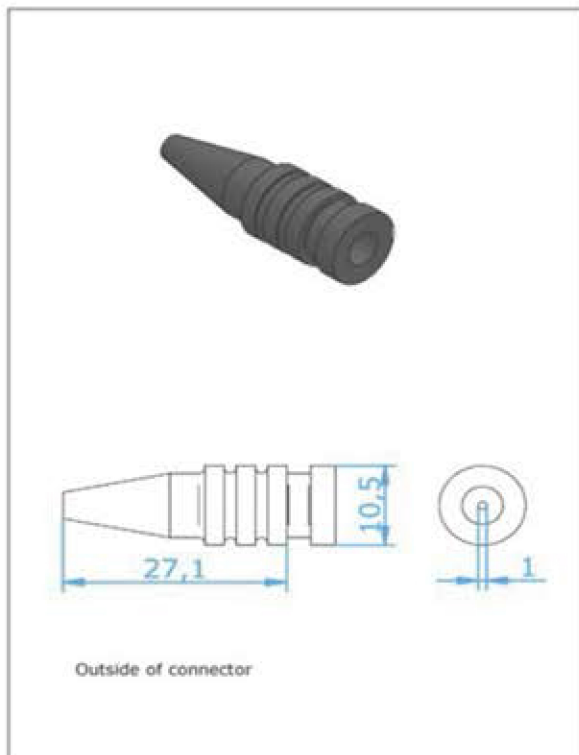
Construction

- Stainless Steel clip
- Can be placed without any tools

Part Nr. 20.269

Accessories

Standard Connector Bending Protection



Application

Bending protection for thermocouples and wire being used with standard connectors. Prevents mechanical damage of wires at entrance point of the connector.

Construction

- Silicon rubber insert, tapered entrance hole ensures proper sealing on cable
- Fits in all standard connectors

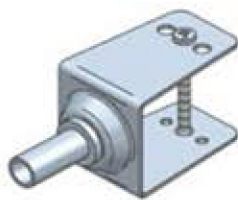
Temperature Rating

- 200 °C

Part Nr . 20.294

Accessories

Standard Connector U-Bracket Braze/Crimp



Application

Allows the use of two standard connectors to be fitted on duplex mineral cable or duplex wire.

Construction

Stainless steel crimp braze/crimp-tube (AISI-303 / DIN 1.4305) on stainless steel bracket.

Standard Connector

Part Nr.	Dimension A	Dimension B
20.116-1	6,1	7,9
20.116-2	8,1	9,9
20.116-3	6,5	7,9

This bracket fits on all connectors CSP(L), CSJ, CSPH(L), CSJH, CSPU(L) and CSJU(L).

Standard Connector Ceramic

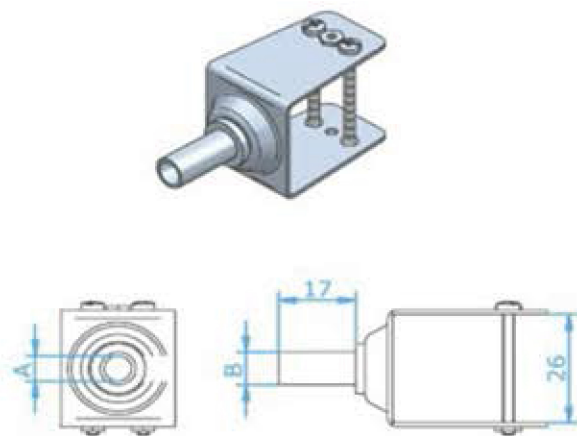
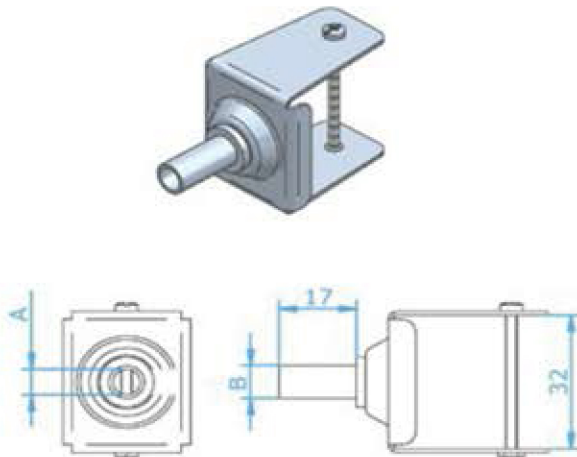
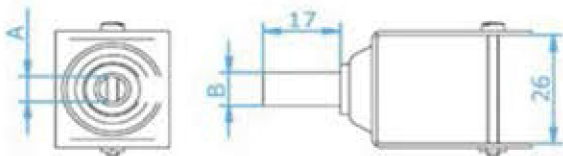
Part Nr.	Dimension A	Dimension B
20.340-1	6,1	7,9
20.340-2	8,1	9,9
20.340-3	6,5	7,9

This bracket fits on all connectors CSPC(L), CSJC.

Standard Connector 3-Pin

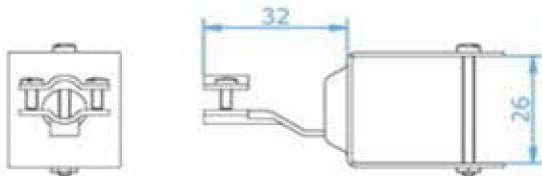
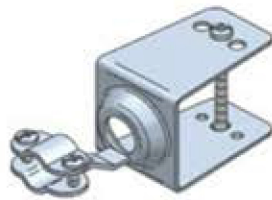
Part Nr.	Dimension A	Dimension B
20.352-1	6,1	7,9
20.352-2	8,1	9,9
20.352-3	6,5	7,9

This bracket fits on all connectors CSPT(L), CSJT.



Accessories

Standard Connector U-Bracket Wire Clamp



Application

Allows the use of two standard connectors to be fitted on duplex wire. Construction provides optimum strainrelief and large difference in minimum and maximum diameter.

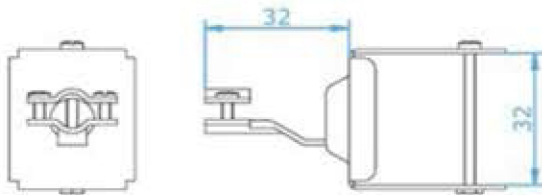
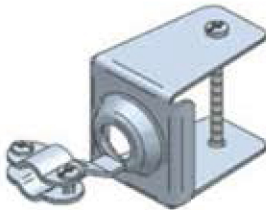
Construction

All stainless steel incl. stainless steel screws.

Standard Connector

Part Nr. 20.191

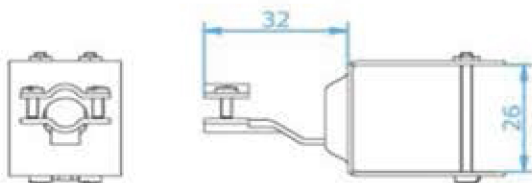
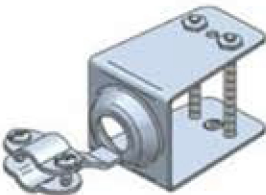
This bracket fits on all connectors CSP(L), CSJ, CSPH(L), CSJH, CSPU(L) and CSJU.



Standard Connector Ceramic

Part Nr. 20.341

This bracket fits on all connectors CSPC(L), CSJC.



Standard Connector 3-Pin

Part Nr. 20.353

This bracket fits on all connectors CSPT(L), CSJT.

Accessories

Standard Connector U Bracket Tube Adapter

Application

Can be used to mount two standard connectors on mineral insulated cable or a tube type thermocouple. Can be used several times if not overtightened.

Construction

Stainless steel compression fitting with a brass ferrule on stainless steel bracket

Standard Connector

Part Nr.	Diameter	Dim. L	Wrench size
20.117-1	1,7 mm - 1/16"	+/- 19 mm	Hex 10 mm
20.117-2	3,3 mm - 1/8"	+/- 20 mm	Hex 10 mm
20.117-3	4,9 mm - 3/16"	+/- 23 mm	Hex 13 mm
20.117-4	6,5 mm - 1/4"	+/- 24 mm	Hex 13 mm
20.117-5	8,1 mm - 5/16"	+/- 25 mm	Hex 16 mm
20.117-6	6,0 mm	+/- 24 mm	Hex 13 mm
20.117-7	9,5 mm - 3/8"	+/- 26 mm	Hex 16 mm

This tube adapter fits on all connectors CSP(L), CSJ, CSPH(L), CSJH, CSPU(L), CSJU.

Standard Connector Ceramic

Part Nr.	Diameter	Wrench size
20.344-1	1,7 mm - 1/16"	Hex 10 mm
20.344-2	3,3 mm - 1/8"	Hex 10 mm
20.344-3	4,9 mm - 3/16"	Hex 13 mm
20.344-4	6,5 mm - 1/4"	Hex 13 mm
20.344-5	8,1 mm - 5/16"	Hex 16 mm
20.344-6	6,0 mm	Hex 13 mm
20.344-7	9,5 mm - 3/8"	Hex 16 mm

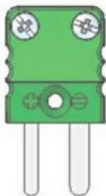
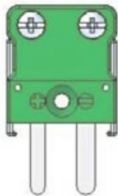
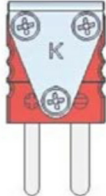
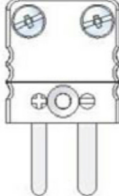
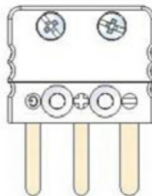
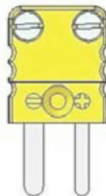
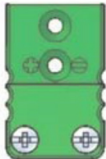
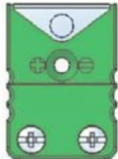
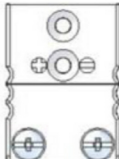
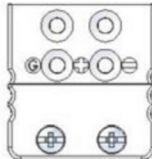
This tube adapter fits on all connectors CSPC(L), CSJC.

Standard Connector 3-Pin

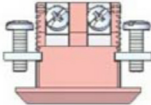
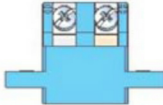
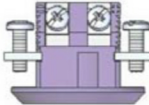
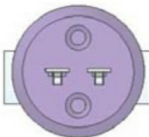
Part Nr.	Diameter	Wrench size
20.345-1	1,7 mm - 1/16"	Hex 10 mm
20.345-2	3,3 mm - 1/8"	Hex 10 mm
20.345-3	4,9 mm - 3/16"	Hex 13 mm
20.345-4	6,5 mm - 1/4"	Hex 13 mm
20.345-5	8,1 mm - 5/16"	Hex 16 mm
20.345-6	6,0 mm	Hex 13 mm
20.345-7	9,5 mm - 3/8"	Hex 16 mm

This tube adapter fits on all connectors CSPT(L), CSJT.

Miniature Connectors

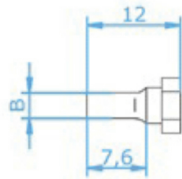
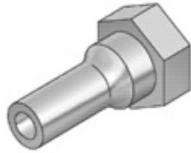
2-Pin 200 °C	2-Pin 200 °C Locking	2-Pin 350 °C High Temp	2-Pin 425 °C Ultra HT	2-Pin 650 °C Ceramic	3-Pin 200 °C	4-Pin 200 °C Duplex
CMP-xx	CMLP-xx	CMPH-xx	CMPU-xx	CMPC-xx	CMPT-xx	CMPD-xx
						
						
CMJ-xx	CMLJ-xx	CMJH-xx	CMJU-xx	CMJC-xx	CMJT-xx	CMJD-xx

Miniature Panel Inserts

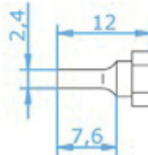
2-Pin 200 °C	2-Pin 200 °C Locking	2-Pin 200 °C Flanged	2-Pin 200 °C Lugged	2-Pin 200 °C Round Front Mount	2-Pin 200 °C Round Rear Mount	3-Pin 200 °C Lugged
PMI-xx	PMLI-xx	PMIFB-xx	PMIL-xx	PMIR-xx	PMIRB-xx	PMITL-xx
						
						

Accessories

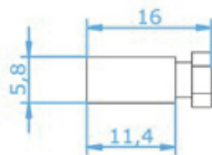
Miniature Connector Crimp-insert



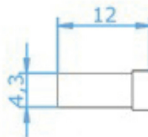
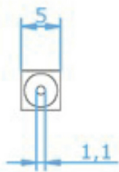
20.024-x



20.225



20.051



20.279-2

Application

Designed for soldering or crimping on mineral insulated cable or crimping on insulated wire.

Construction

Brass machined, nickel plated insert with 0,1 mm tolerance on the cable OD

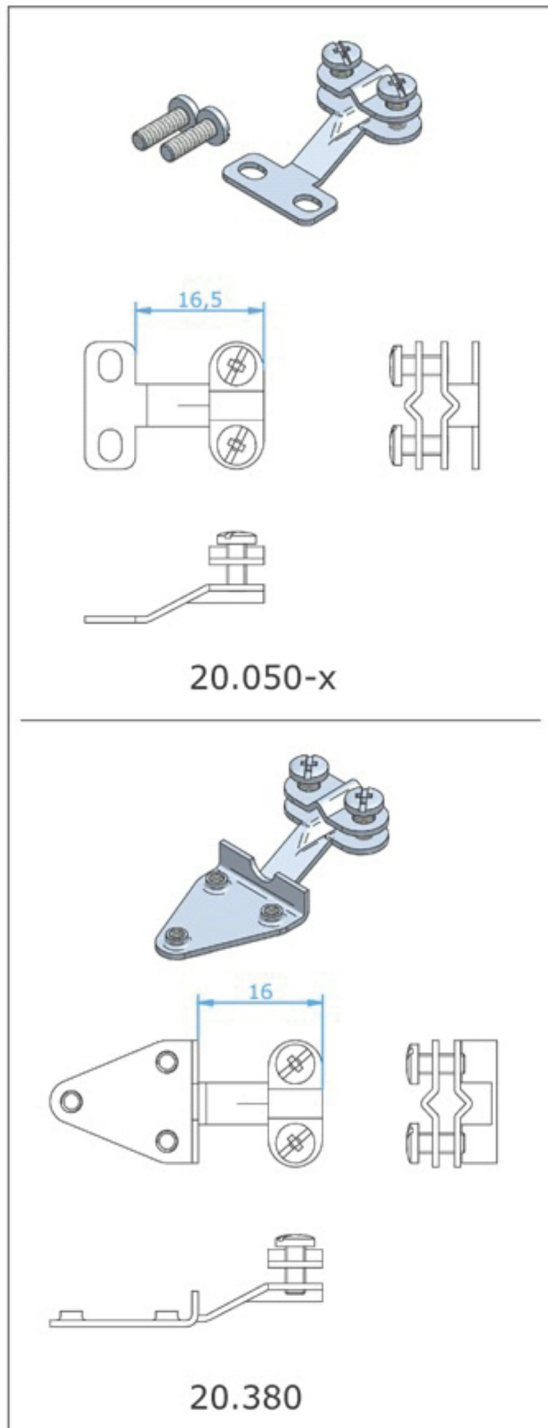
Part Nr.	A	B
20.024-1	1,10 mm	2,40 mm
20.024-2	1,60 mm	2,40 mm
20.024-3	1,70 mm	2,40 mm
20.024-4	2,10 mm	3,20 mm
20.024-5	2,40 mm	3,20 mm
20.024-6	3,10 mm	4,50 mm
20.024-7	3,30 mm	4,50 mm
20.024-8		4,50 mm
20.024-9	3,90 mm	4,50 mm
20.024-10	2,80 mm	4,50 mm
20.024-11	2,70 mm	4,50 mm
20.024-12	1,90 mm	3,20 mm
20.024-13	3,50 mm	4,50 mm
20.024-14	0,90 mm	2,40 mm
20.024-15	3,80 mm	4,50 mm

Part Nr.	A	B
20.225	0,6 mm	2,4 mm
20.051	5,0 mm	5,8 mm
20.279-2	1,1 mm	4,3 mm

Note: 20.279-2 is for mini ceramic connectors only

Accessories

Miniature Connector Wire Clamp Bracket



Application

Wire clamp bracket will provide optimum strain relief. Construction allows a large difference in maximum and minimum wire diameter.

Construction

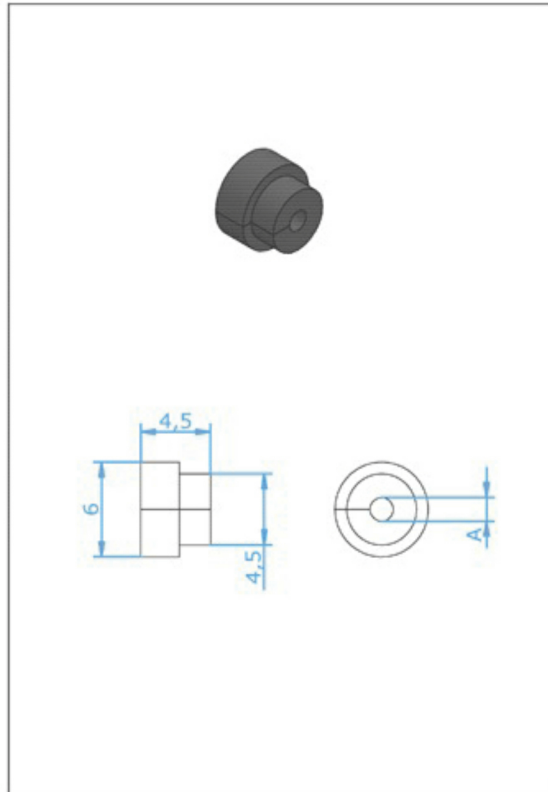
All stainless steel, incl stainless steel screws

Part Nr.

- 20.050-1 miniature connector**
fits on all connectors CMP, CMJ, CMPH, CMJH, CMPT and CMJT
- 20.050-2 miniature connector ceramic**
fits on all connectors CMPC, CMJC
- 20.050-3 miniature connector duplex**
fits on all connectors CMPD, CMJD
- 20.380 miniature connector ultra high temp**
fits on all connectors CMPU, CMJU

Accessories

Miniature Connector Grommet



Application

Grommet can be fitted in the entrance hole of the connector to prevent moisture and dirt from entering the connector. Has limited strain relief capabilities.

Construction

Silicone ring, slit for easy mounting over wire. Will compress on the wire when the cover is fitted.

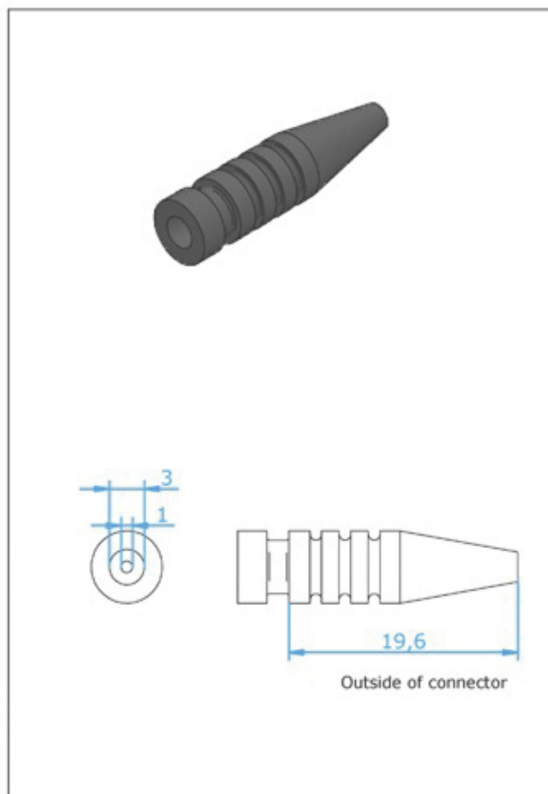
Temperature rating

- 200 °C Max.

Part Nr.	A
20.031-1	3,00 mm
20.031-2	0,50 mm
20.031-3	1,50 mm

Accessories

Miniature Connector Bending Protection



Application

Bending protection for thermocouples and wire being used with miniature connectors. Prevents mechanical damage of wires at entrance point of the connector.

Construction

- Silicon rubber insert, tapered entrance hole ensures proper sealing on cable

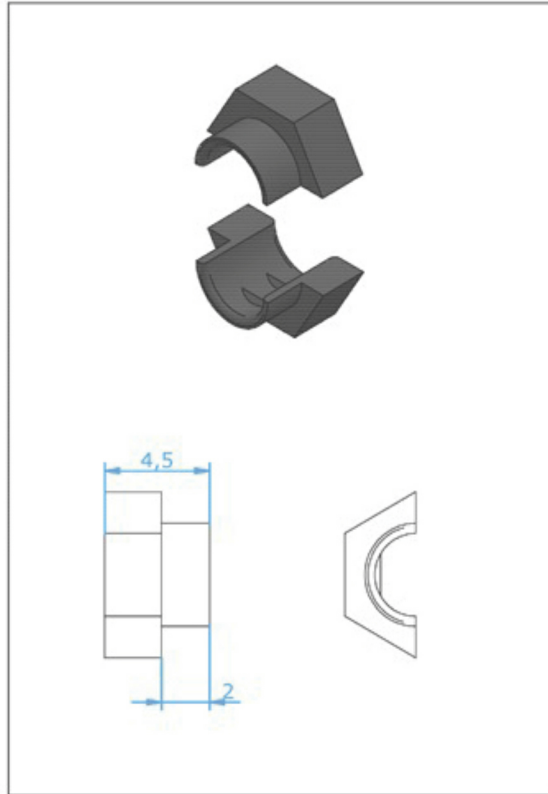
Temperature Rating

- 200 °C

Part Nr. 20.293

Accessories

Miniature Connector Wire Insert



Application

A set wire inserts fitted in the entrance hole of the connector will provide a very good strain relief without any protruding parts from the connector.

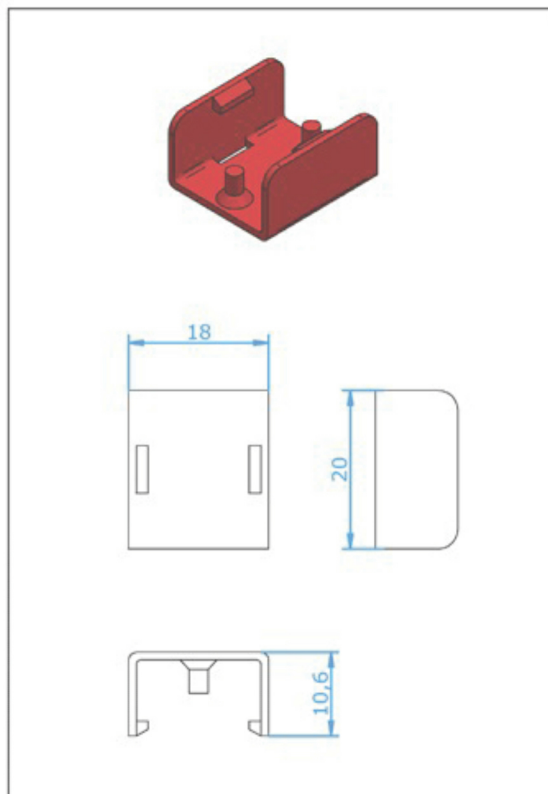
Construction

Thermoplastic material with a round or oval hole to fit around a specific wire.

Part Nr.	Round/Oval	Wire
20.075-1	Round	1,5 mm
20.075-5	Round	3,5 mm
20.075-24	Oval	2,0 x 1,5 mm

Accessories

Miniature Connector Locking Clip



Application

Miniature connectors donot have a retention groove. In order to prevent accidental disconnection a locking plate can be used.

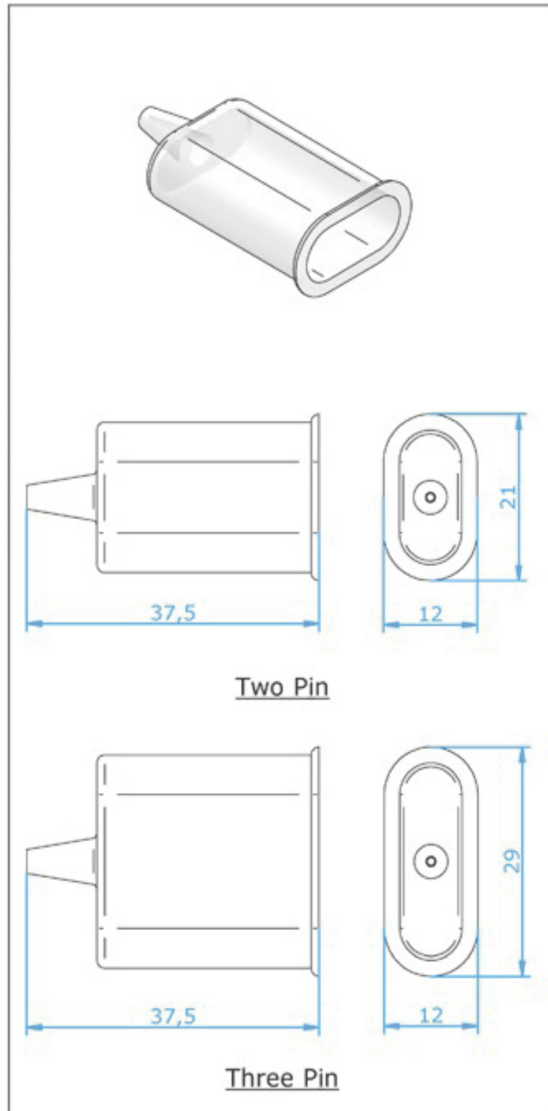
Construction

- Glass filled thermoplastic with the same temperature rating as the connector body (200°C)
- Red color indicates clearly that circuits are protected
- Can be placed and removed without any tools.

Part Nr.	20.096
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Accessories

Miniature Connector Protection Boot



Application

The two flexible silicone rubber boots will cover the connector set snugly and prevent moisture, water and dirt entering the connector.

Temperature Rating

- 200 °C / 300 °C

Construction

- Silicone cover with retention ring prevent disconnection due to vibration.
- Tapered entrance hole to ensure proper sealing on most cable diameters.

Part Nr.	20.030-1	Two pin connector 200 °C (Transparent)
	20.030-2	Three pin connector 200 °C (Transparent)
	20.029	Two pin connector 300 °C (Black)

Note: for one set order 2 pcs