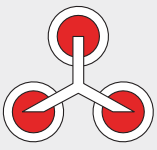
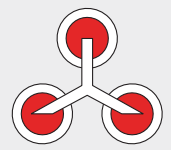
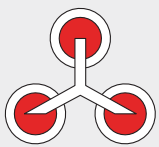


Product overview

Consumables

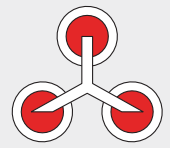




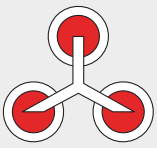


Content

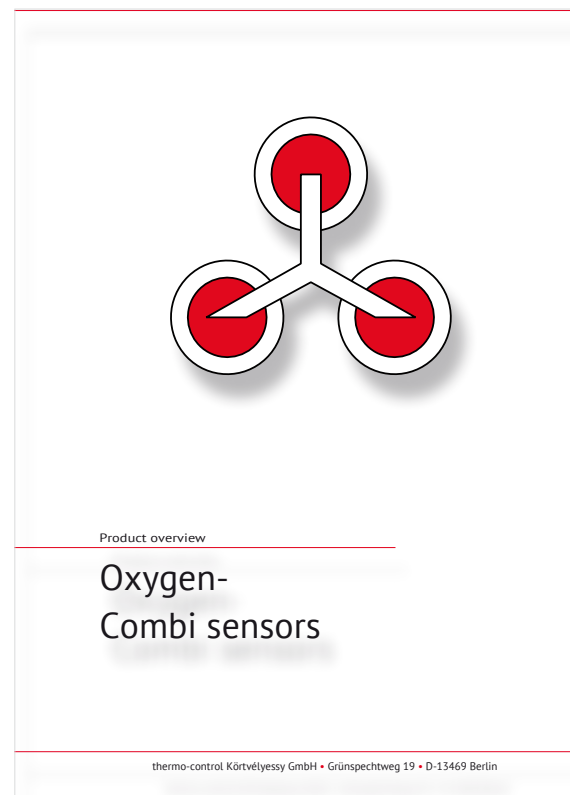
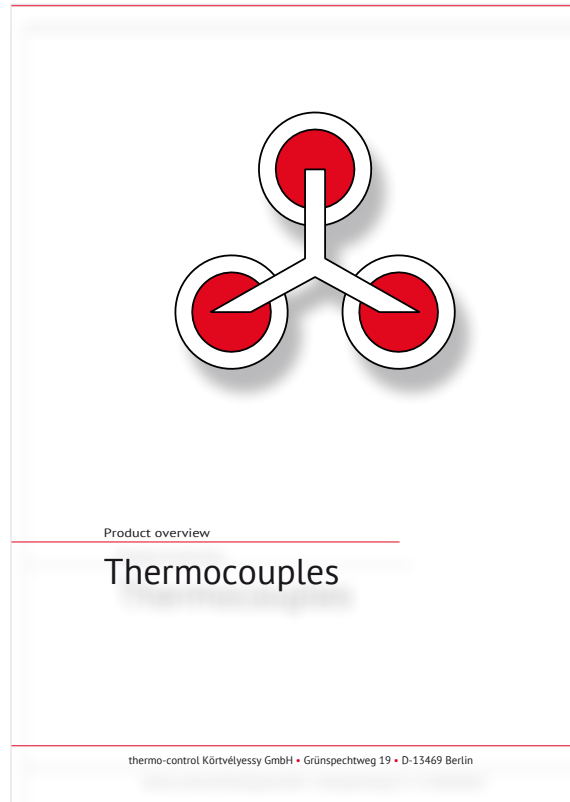
Connectors	1
Overview	1
Overview coloring of thermocouple types.....	2
Standard - Plug and - jack	3
Type standard.....	3
Type economy	4
Type quick-connect	4
Type high temperature	4
Type ultra high temperature.....	5
Type ceramic.....	5
Type duplex.....	5
Miniature - plug and - jack	6
Type standard.....	7
Type economy	7
Type high temperature	7
Type ultra high temperature.....	8
Type ceramic.....	8
Type duplex.....	8
Accessories for connectors	9
Standard connectors.....	9
Miniature - connectors	16
Consumables vacuum parts	19
ISO-KF clamps	19
ISO-KF O-Rings	19
ISO-KF protection cap.....	20
Adapter ISO-KF DN 40 to tubes Ø22mm	20
Consumables for inert gas parts.....	21



Fittings	21
G1“ DIN 228 compression fitting for 22mm tubes.....	21
Threaded compression fittings.....	22
Notes.....	I
Imprint.....	III

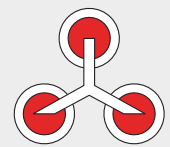


Other product catalogs

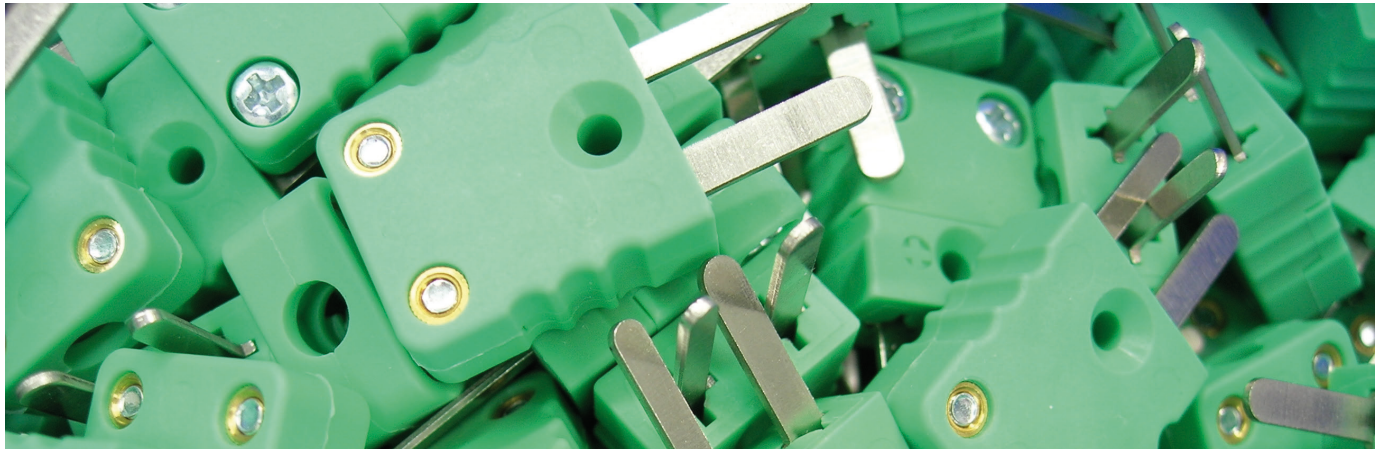


or download them at

www.thermo-control.com



Connectors



Overview

Connectors are used where a frequent change of instruments or wires are required. Due to the different size of the pins a connection error cannot occur. The connection material of the pins is made of the respective thermocouple alloys except for types S, R and B where copper – nickel alloys are used. The dimensions are regulated in DIN EN 50212.

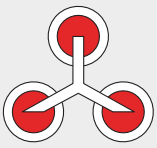
The standard and economy type connectors are colored based on the Coloring per DIN EN 6058. Connectors of type high and ultrahigh temperature have a respective letter marked on the casing. Connectors of type ceramic have a colored spot located on the casing. Dyes in accordance to ANSI MC 96.1 are also available upon request.

The table below shows the overview of the different type of connectors:

Type	Material casing	Maximum temperature
Economy	Thermoplastic	200°C / 392°F
Standard	Thermoplastic / Fiberglass composite	220°C / 446°F
High temperature	Thermoplastic / Fiberglass composite	350°C / 662°F
Ultra-High temperature	Duroplastic	420°C / 788°F
Ceramic	Ceramic	650°C / 1202°F

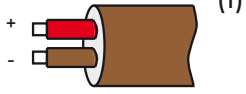
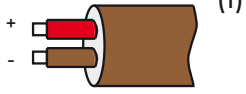


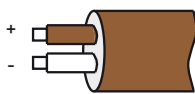
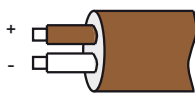
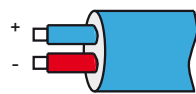
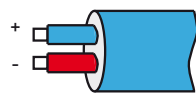
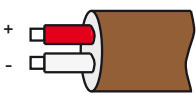
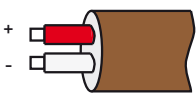








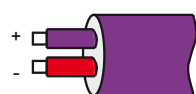
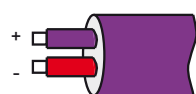


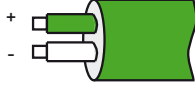
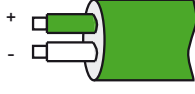
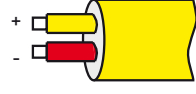
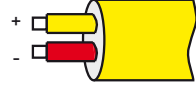
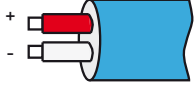
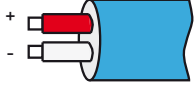












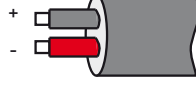
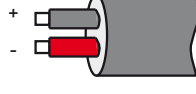


The table below shows the different pin alloys used on the respective connectors

Type thermocouple	Positive pin	Negative pin
J (Fe - CuNi)	Fe	CuNi
K (NiCr - Ni)	NiCr	Ni
N (NiCrSi - NiAlSi)	NiCrSi	NiAlSi
S (PtRh10% - Pt)	Cu	Alloy #11 (CuNi1%)
R (PtRh13% - Pt)	Cu	Alloy #11 (CuNi1%)
B (PtRh30% - PtRh6%)	Cu	Cu



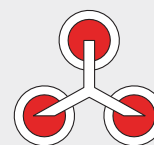
Overview coloring of thermocouple types

Overview coloring of thermocouple types

	DIN EN 60584-3	ANSI MC 96.1	JIS C 1610
Type U Cu - CuNi	+  (1) - 	+  - 	
Type T Cu - CuNi	+  - 	+  - 	+  - 
Type J Fe - CuNi	+  - 	+  - 	+  - 
Type E NiCr - CuNi	+  - 	+  - 	+  - 
Type K NiCr - NiAl	+  - 	+  - 	+  - 
Type N NiCrSi - NiSi	+  - 	+  - 	
Type S / R PtRh10% - Pt PtRh13% - Pt	+  - 	+  - 	+  - 
Type B PtRh30% - PtRh6%	+  - 	+  - 	+  - 

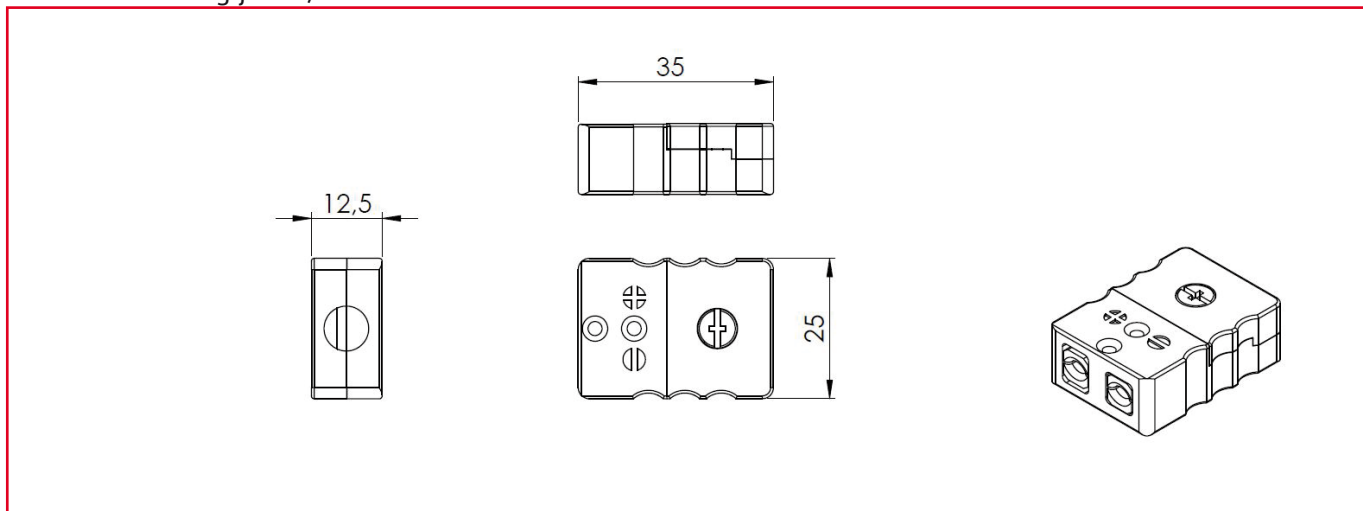
(1) Type U derives from DIN 43714 and is not part of DIN EN 60584

Standard - Plug and - jack

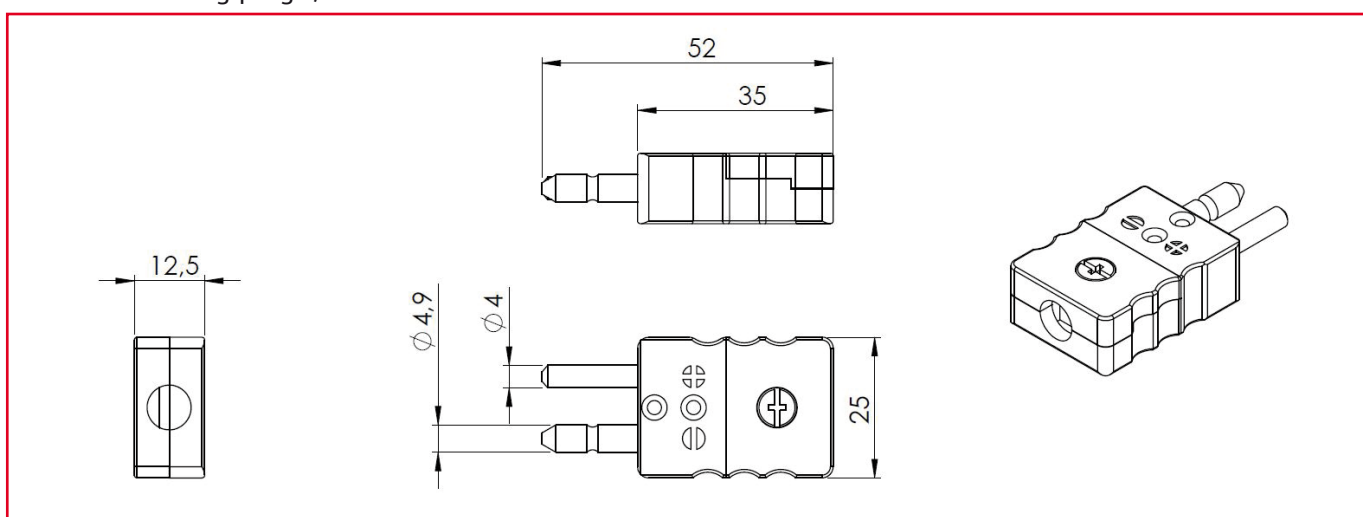


Standard - Plug and - jack

Overview drawing jacks / female connectors

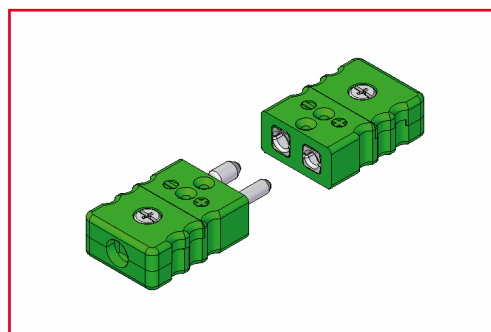


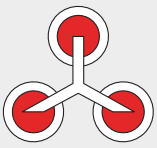
Overview drawing plugs / male connectors



Type standard

Material number	Material description
92000209	Standard - connector-plug type K
92000210	Standard - connector-plug type N
92000211	Standard - connector-plug type S
92000372	Standard - connector-jack type K
92000373	Standard - connector-jack type S
92000374	Standard - connector-jack type N

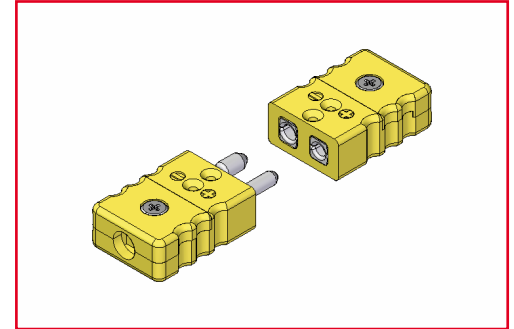




Standard - Plug and - jack

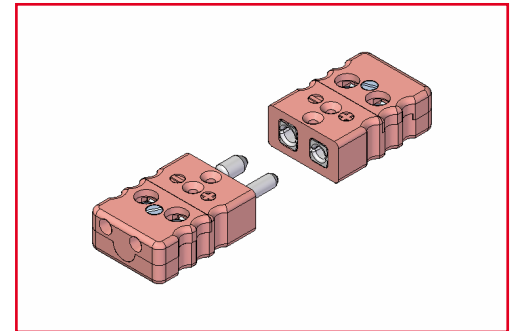
Type economy

Material number	Material description
92000212	Standard-connector plug economy type K
92000213	Standard-connector plug economy type N
92000214	Standard-connector plug economy type S
92000369	Standard-connector jack economy type K
92000370	Standard-connector jack economy type S
92000371	Standard-connector jack economy type N



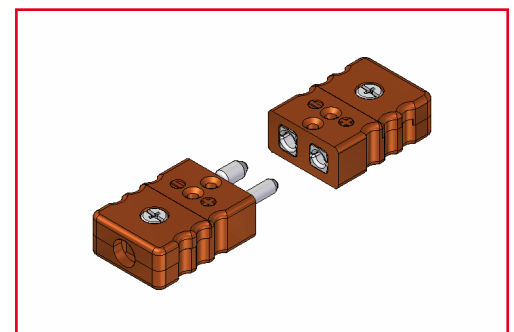
Type quick-connect

Material number	Material description
92000215	Standard-connector plug quick-connect type K
92000216	Standard-connector plug quick-connect type N
92000217	Standard-connector plug quick-connect type S
92000375	Standard-connector jack quick-connect type K
92000376	Standard-connector jack quick-connect type S
92000377	Standard-connector jack quick-connect type N

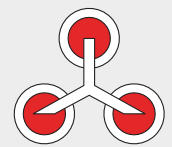


Type high temperature

Material number	Material description
92000218	Standard-connector plug high temperature type K
92000219	Standard-connector plug high temperature type N
92000220	Standard-connector plug high temperature type S
92000366	Standard-connector jack high temperature type K
92000367	Standard-connector jack high temperature type S
92000368	Standard-connector jack high temperature type N

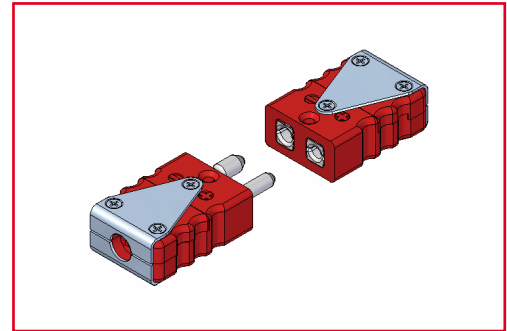


Standard - Plug and - jack



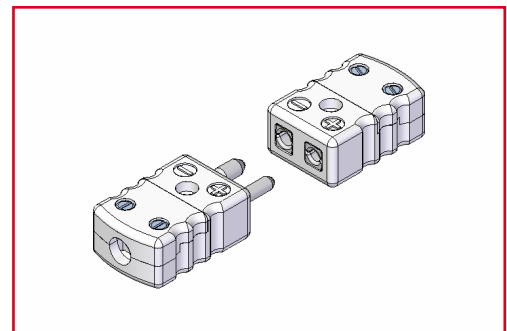
Type ultra high temperature

Material number	Material description
92000221	Standard-connector plug ultra high temperature type K
92000222	Standard-connector plug ultra high temperature type N
92000223	Standard-connector plug ultra high temperature type S
92000363	Standard-connector jack ultra high temperature type K
92000364	Standard-connector jack ultra high temperature type S
92000365	Standard-connector jack ultra high temperature type N



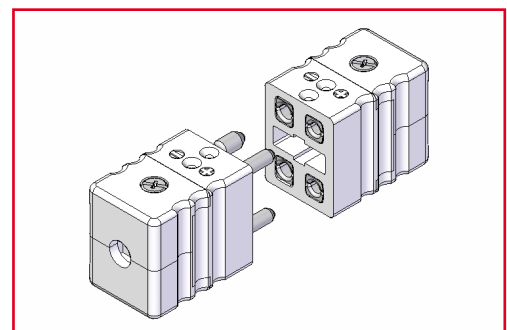
Type ceramic

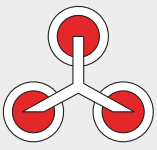
Material number	Material description
92000224	Standard-connector plug ceramic type K
92000225	Standard-connector plug ceramic type N
92000226	Standard-connector plug ceramic type S
92000360	Standard-connector jack ceramic type K
92000361	Standard-connector jack ceramic type S
92000362	Standard-connector jack Ceramic Type N



Type duplex

Material number	Material description
92000227	Standard-connector plug duplex type K
92000228	Standard-connector plug duplex type N
92000229	Standard-connector plug duplex type S
92000357	Standard-connector jack duplex type K
92000358	Standard-connector jack duplex type N
92000359	Standard-connector jack duplex type S

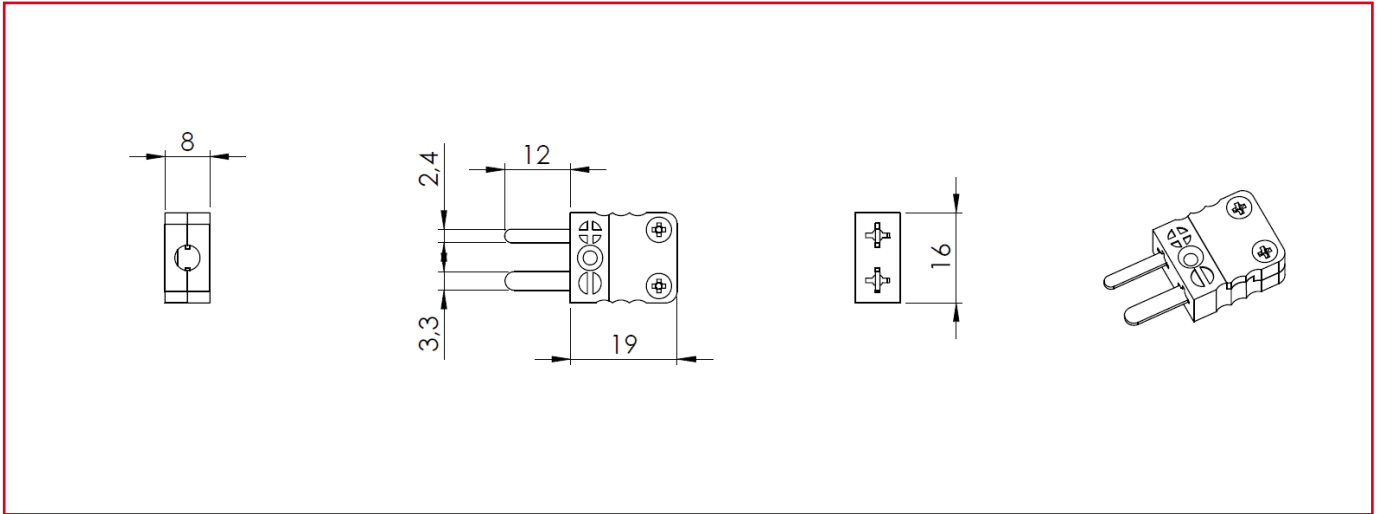




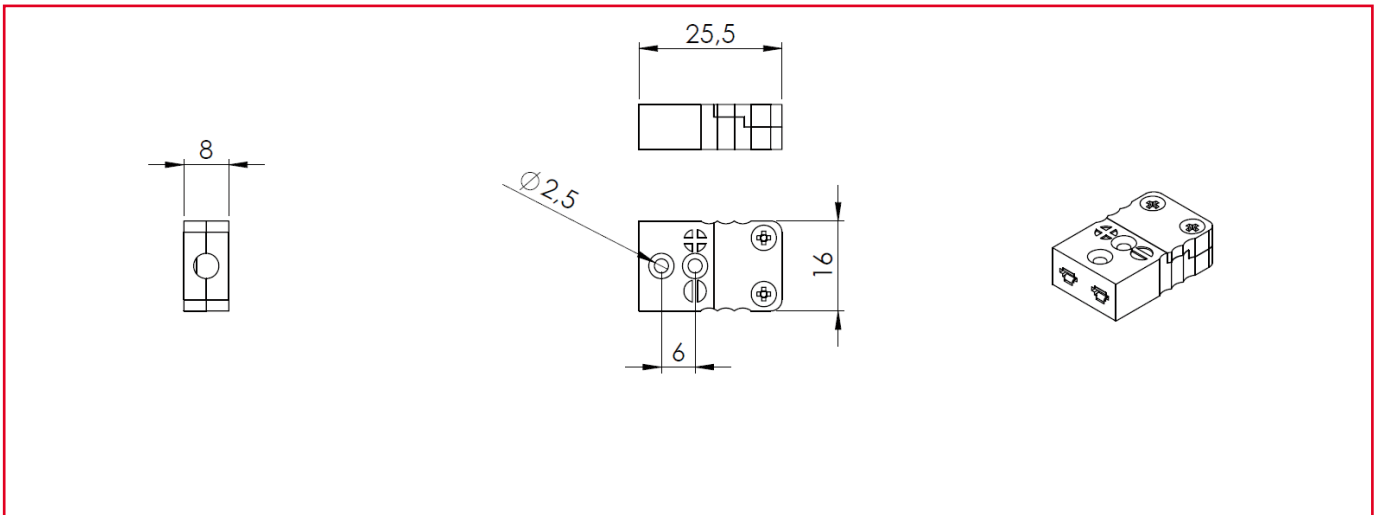
Miniature - plug and - jack

Miniature - plug and - jack

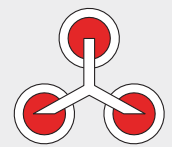
Overview drawing miniature -connectors plugs



Overview drawing miniature-connectors jacks

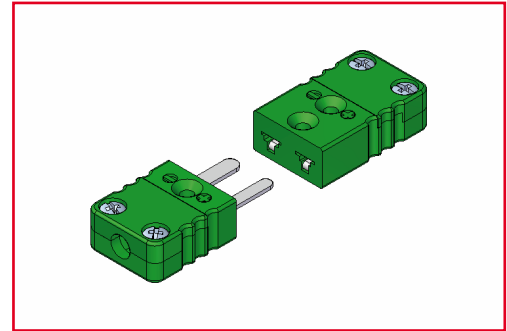


Miniature - plug and - jack



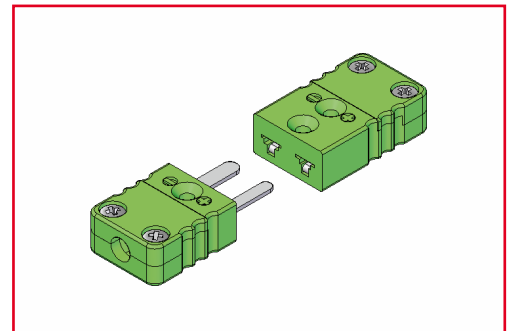
Type standard

Material number	Material description
92000192	Miniature-connector plug Type K
92000193	Miniature-connector plug Type N
92000174	Miniature-connector plug Type S
92000393	Miniature-connector jack Type K
92000394	Miniature-connector jack Type S
92000395	Miniature-connector jack Type N



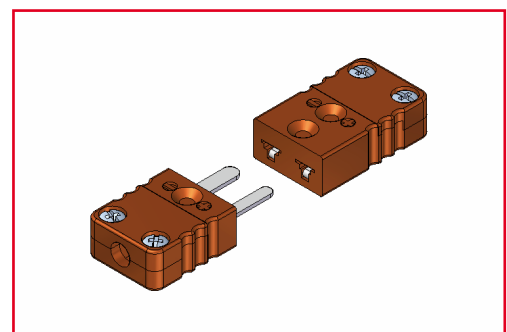
Type economy

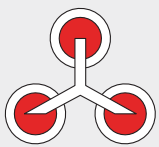
Material number	Material description
92000194	Miniature-connector plug economy type K
92000195	Miniature-connector plug economy type N
92000196	Miniature-connector plug economy type S
92000390	Miniature-connector jack economy type K
92000391	Miniature-connector jack economy type S
92000392	Miniature-connector jack economy type N



Type high temperature

Material number	Material description
92000197	Miniature-connector plug high temperature type K
92000198	Miniature-connector plug high temperature type N
92000199	Miniature-connector plug high temperature type S
92000387	Miniature-connector jack high temperature type K
92000388	Miniature-connector jack high temperature type S
92000389	Miniature-connector jack high temperature type N

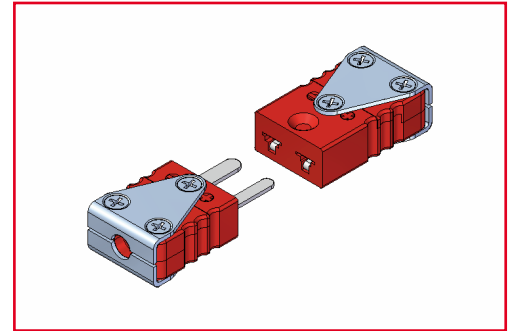




Miniature - plug and - jack

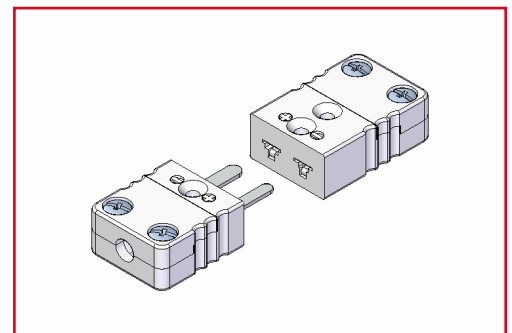
Type ultra high temperature

Material number	Material description
92000200	Miniature-connector plug ultra high temperature type K
92000201	Miniature-connector plug ultra high temperature type N
92000202	Miniature-connector plug ultra high temperature type S
92000384	Miniature-connector jack ultra high temperature type K
92000385	Miniature-connector jack ultra high temperature type S
92000386	Miniature-connector jack ultra high temperature type N



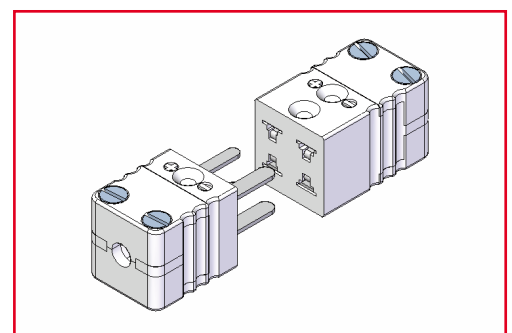
Type ceramic

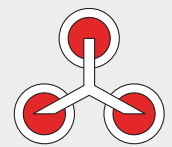
Material number	Material description
92000203	Miniature-connector plug ceramic type K
92000204	Miniature-connector plug ceramic type N
92000205	Miniature-connector plug ceramic type S
92000381	Miniature-connector jack ceramic type K
92000382	Miniature-connector jack ceramic type S
92000383	Miniature-connector jack ceramic type N



Type duplex

Material number	Material description
92000206	Miniature-connector plug duplex type K
92000207	Miniature-connector plug duplex type N
92000208	Miniature-connector plug duplex type S
92000378	Miniature-connector jack duplex type K
92000379	Miniature-connector jack duplex type S
92000380	Miniature-connector jack duplex type N



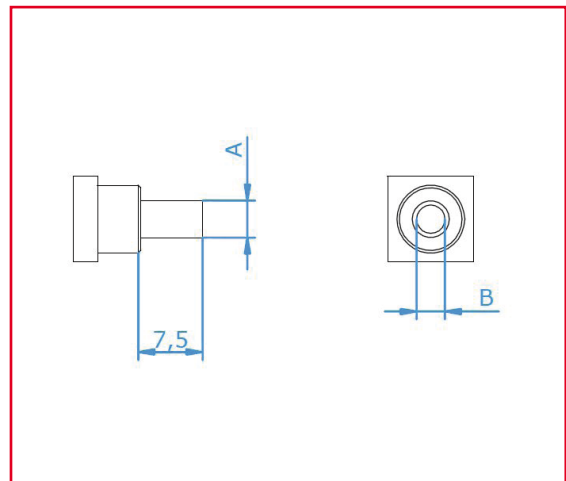
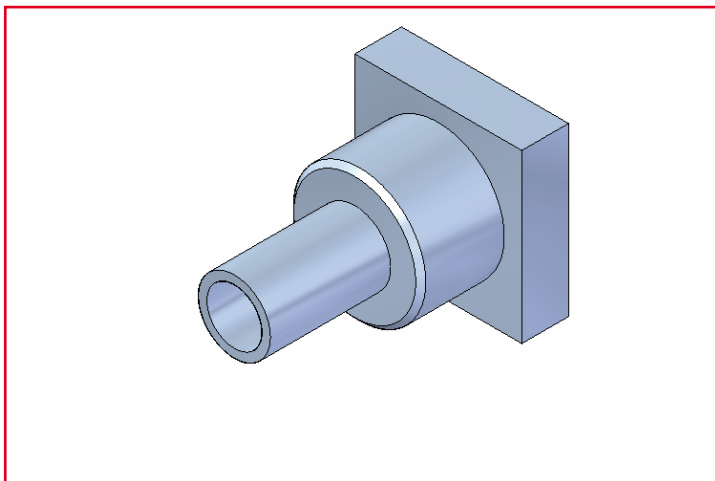


Accessories for connectors

Accessories for connectors

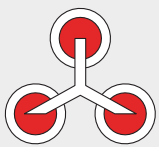
Standard connectors

Crimp insert



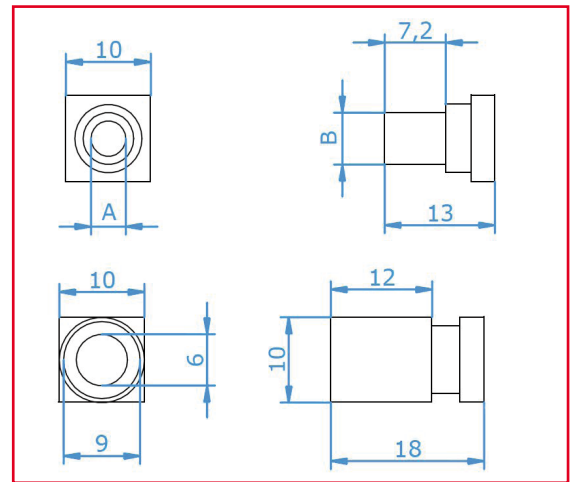
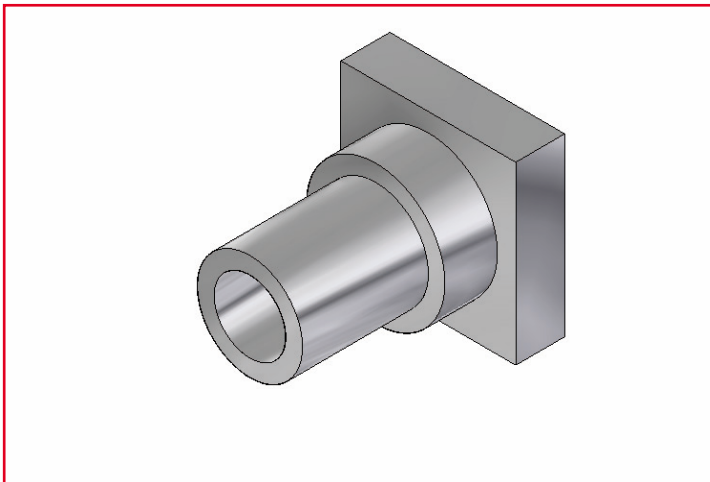
- This crimp-insert can be fitted in the entrance hole of the connector. Designed for soldering or crimping on mineral insulated cable or crimping on insulated wire.
- Brass machined insert with 0,1 mm tolerance on the cable OD. The insert fits in all standard connectors.

Material number	Material description	Dim A [mm]	Dim B[mm]
92000265	Standard-connector crimp insert 1,1	1,1	2,4
92000266	Standard-connector crimp insert 1,6	1,6	2,4
92000267	Standard-connector crimp insert 1,7	1,7	2,4
92000268	Standard-connector crimp insert 2,1	2,1	3,2
92000269	Standard-connector crimp insert 2,4	2,4	3,2
92000270	Standard-connector crimp insert 3,1	3,1	4,3
92000271	Standard-connector crimp insert 3,3	3,3	4,3
92000272	Standard-connector crimp insert 4,6	4,6	6,0
92000273	Standard-connector crimp insert 4,9	4,9	6,0
92000274	Standard-connector crimp insert 6,1	6,1	7,9
92000275	Standard-connector crimp insert 6,5	6,5	7,9
92000276	Standard-connector crimp insert 5,1	5,1	7,90
92000277	Standard-connector crimp insert 5,6	5,6	7,9
92000278	Standard-connector crimp insert 7,0	7,0	7,9
92000279	Standard-connector crimp insert 0,9	0,9	2,4
92000280	Standard-connector crimp insert 4,1	4,1	6,0
92000281	Standard-connector crimp insert 9,0	9,0	10,0



Accessories for connectors

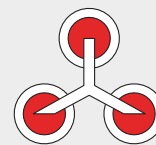
Crimp inserts stainless steel



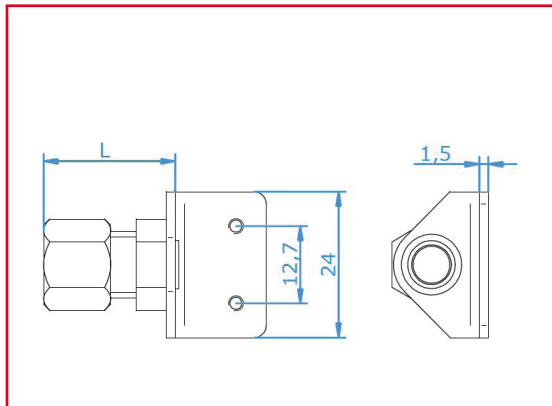
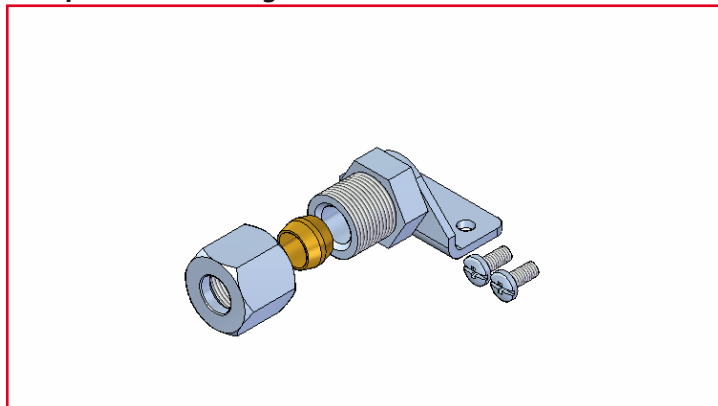
- This insert can be fitted in the entrance hole of the connector to braze/crimp in mineral isolated cable.
- Stainless steel insert, AISI-303 / DIN-1.4305 The insert fits in all standard connectors.

Material number	Material description	Dim A [mm]	Dim B [mm]
92000282	Standard-connector braze/crimp insert 1,1	2,4	1,1
92000283	Standard-connector braze/crimp insert 1,6	2,4	1,6
92000284	Standard-connector braze/crimp insert 1,7	2,4	1,7
92000285	Standard-connector braze/crimp insert 2,1	3,2	2,1
92000286	Standard-connector braze/crimp insert 2,4	3,2	2,4
92000287	Standard-connector braze/crimp insert 3,1	4,3	3,1
92000288	Standard-connector braze/crimp insert 3,1	4,3	3,3
92000289	Standard-connector braze/crimp insert 4,6	6,0	4,6
92000290	Standard-connector braze/crimp insert 4,9	6,0	4,9
92000291	Standard-connector braze/crimp insert 6,1	7,9	6,1
92000292	Standard-connector braze/crimp insert 6,5	7,9	6,5
92000293	Standard-connector braze/crimp insert 7,0	7,9	7,0

Accessories for connectors

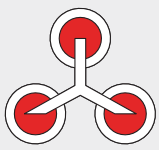


Compression fitting



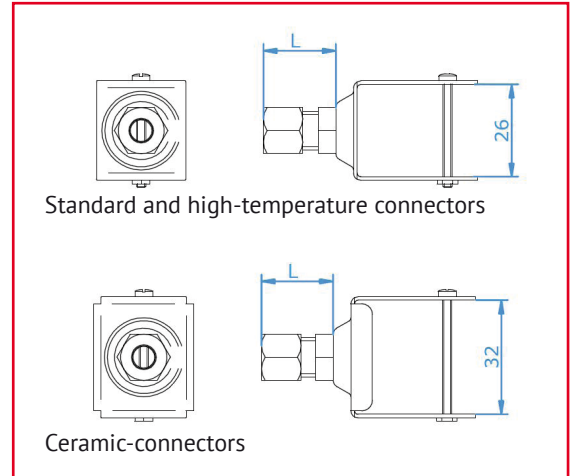
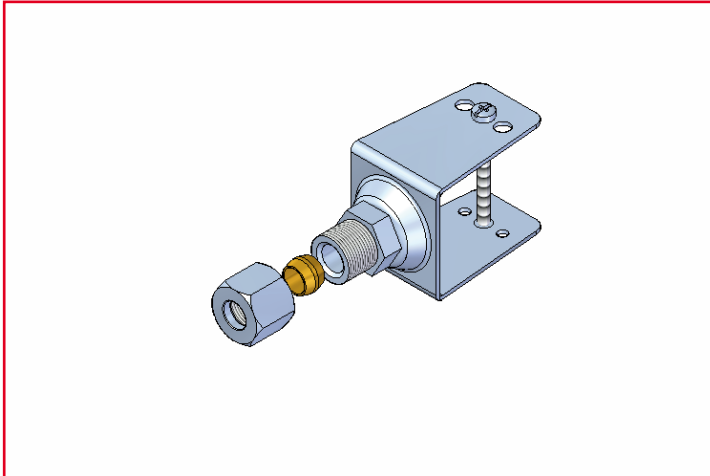
- Can be used to mount the connector on mineral insulated cable or a tube type thermocouple. Can be used several times if not overtightened.
- Stainless Steel compression fitting (CF) brazed on stainless steel L-bracket, stainless steel nut and brass ferrule

Material number	Material description	Ø [mm]	L [mm]	SW / HEX
92000299	Standard-connector compression fitting 1,7	1,7	±19	10
92000300	Standard-connector compression fitting 3,3	3,3	±20	10
92000301	Standard-connector compression fitting 4,9	4,9	±23	13
92000302	Standard-connector compression fitting 6,5	6,5	±24	13
92000303	Standard-connector compression fitting 8,1	8,1	±25	16
92000304	Standard-connector compression fitting 6,0	6,0	±24	13
92000305	Standard-connector compression fitting 9,5	9,5	±26	16
92000306	Standard-connector ceramic CF 1,7	1,7	±19	16
92000307	Standard-connector ceramic CF 3,3	3,3	±20	10
92000308	Standard-connector ceramic CF 4,9	4,9	±23	10
92000309	Standard-connector ceramic CF 6,5	6,5	±24	13
92000310	Standard-connector ceramic CF 8,1	8,1	±25	16
92000311	Standard-connector ceramic CF 6,0	6,0	±24	13
92000312	Standard-connector ceramic CF 9,5	9,5	±26	16
92000313	Standard-connector UHT CF 1,7	1,7	±19	10
92000314	Standard-connector UHT CF 3,3	3,3	±20	10
92000315	Standard-connector UHT CF 4,9	4,9	±23	13
92000316	Standard-connector UHT CF 6,5	6,5	±24	13
92000317	Standard-connector UHT CF 8,1	8,1	±25	16
92000318	Standard-connector UHT CF 6,0	6,0	±24	13
92000319	Standard-connector UHT CF 6,0	9,5	±26	16



Accessories for connectors

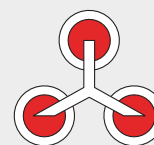
u-bracket Tube Adapter Ultra High Temp Connectors



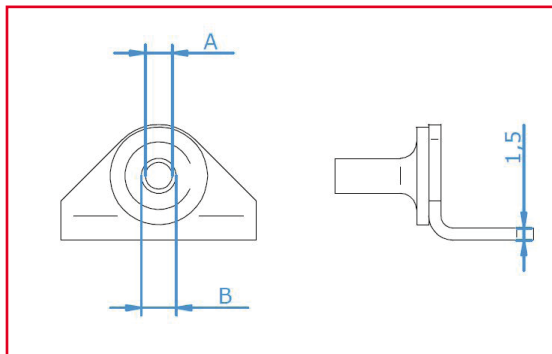
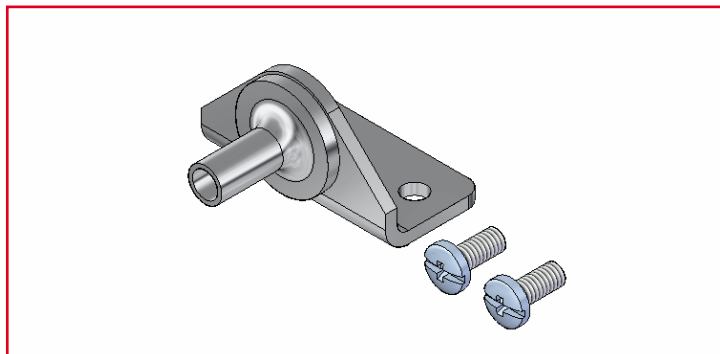
- Can be used to mount two ultra high temp connectors on mineral insulated cable or a tube type thermocouple. Can be used several times if not overtightened.
- Stainless steel compression fitting (CF) with a brass ferrule on stainless steel bracket

Material number	Material description	Ø [mm]	Dim L [mm]	SW / HEX
92000334	Standard-connector u-bracket CF 1,7	1,7	±19	10
92000335	Standard-connector u-bracket CF 3,3	3,3	±20	110
92000336	Standard-connector u-bracket CF 4,9	4,9	±23	13
92000337	Standard-connector u-bracket CF 6,5	6,5	±24	13
92000338	Standard-connector u-bracket CF 8,1	8,1	±25	16
92000339	Standard-connector u-bracket CF 6,0	6,0	±24	13
92000340	Standard-connector u-bracket CF 9,5	9,5	±26	16
92000341	Standard-connector ceramic u-bracket CF 1,7	1,7	±19	10
92000342	Standard-connector ceramic u-bracket CF 3,3	3,3	±20	10
92000343	Standard-connector ceramic u-bracket CF 4,9	4,9	±23	13
92000344	Standard-connector ceramic u-bracket CF 6,5	6,5	±24	13
92000345	Standard-connector ceramic u-bracket CF 8,1	8,1	±25	16
92000346	Standard-connector ceramic u-bracket CF 6,0	6,0	±24	13
92000347	Standard-connector ceramic u-bracket CF 9,5	9,5	±26	16

Accessories for connectors

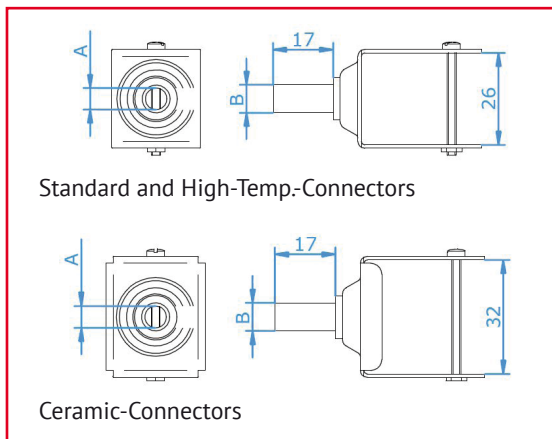
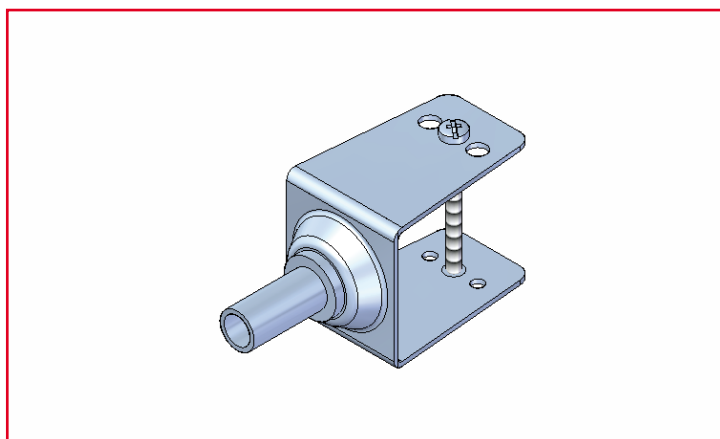


L-Bracket



- Can be fitted on the connector, the brass crimp-adapter is specially treated to crimp on mineral isolated cable. Stainless steel L-Bracket with brass crimp-adapter, chrome plated.

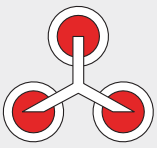
Material number	Material description	Dim A [mm]	Dim B [mm]
92000320	Standard-connector L-bracket 1,7	1,7	2,4
92000321	Standard-connector L-bracket 3,3	3,3	4,3
92000322	Standard-connector L-bracket 4,9	4,9	6,0
92000323	Standard-connector L-bracket 6,5	6,5	7,9
92000324	Standard-connector L-bracket 3,1	3,1	4,3
92000325	Standard-connector L-bracket 6,1	6,1	7,9



U-bracket crimp/braze

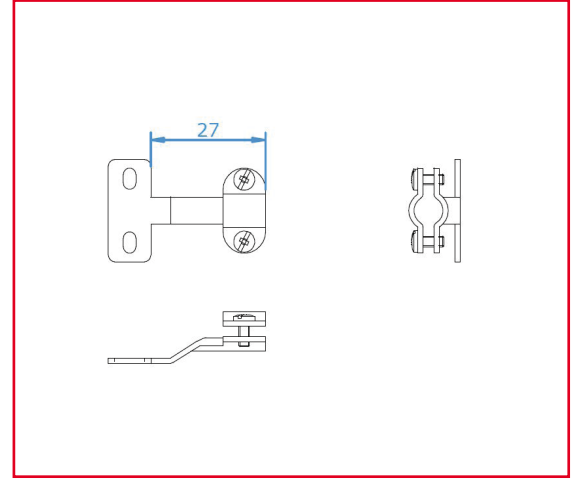
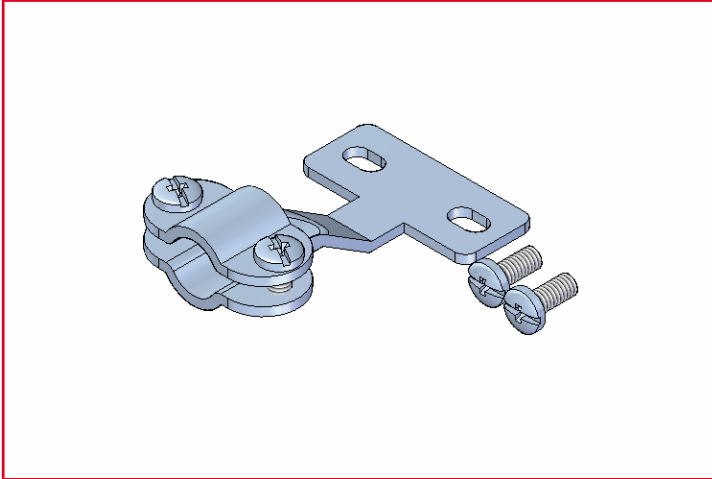
- Allows the use of two connectors to be fitted on duplex mineral cable or duplex wire.

Material number	Material description	Dim A [mm]	Dim B [mm]
92000326	Standard-connector u-bracket 6,1	6,1	7,9
92000327	Standard-connector u-bracket 8,1	8,1	9,9
92000328	Standard-connector u-bracket 6,5	6,5	7,9
92000329	Standard-connector ceramic u-bracket 6,1	6,1	7,9
92000330	Standard-connector ceramic u-bracket 8,1	8,1	9,9
92000331	Standard-connector ceramic u-bracket 6,5	6,7	7,9



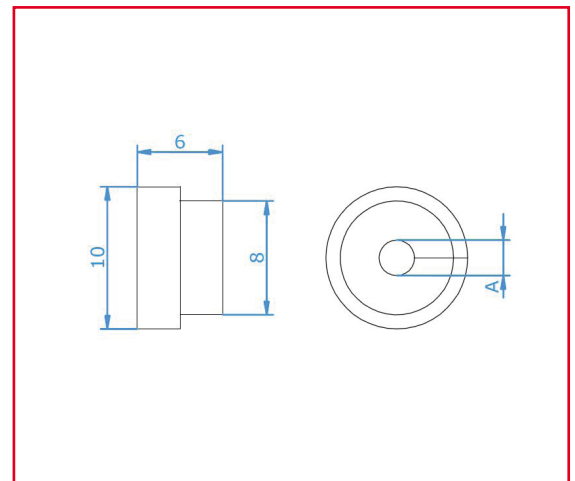
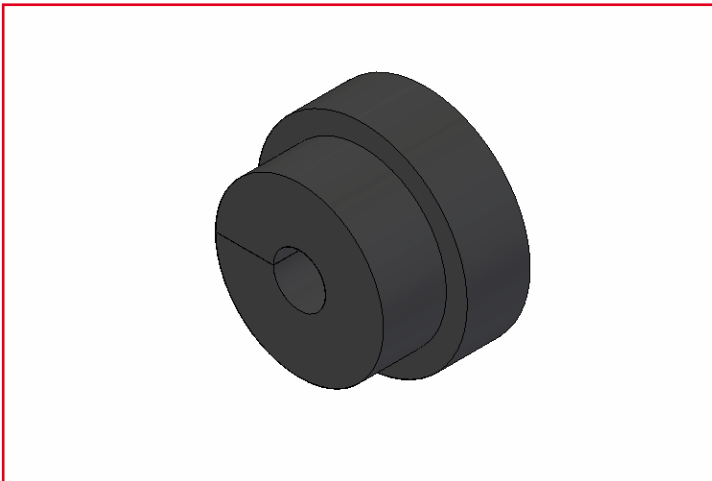
Accessories for connectors

Wire clamp bracket



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

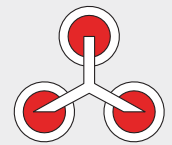
Material number	Material description
92000295	Standard-connector wire clamp bracket
92000296	Standard-connector wire clamp bracket ceramic-type
92000297	Standard-connector wire clamp bracket duplex-type
92000298	Standard-connector wire clamp bracket ultra high temp.



Grommet

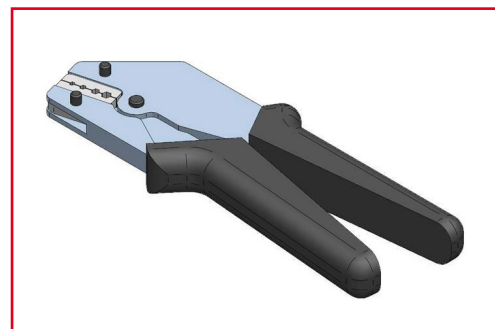
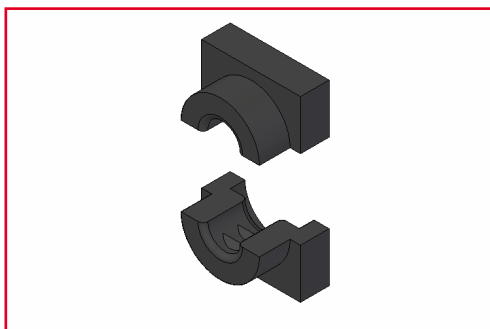
- Can be fitted in the entrance hole of the connector to prevent moisture and dirt from entering the connector. Has limited strain relief capabilities.
- Silicone rubber ring slit for easy mounting over the wire. Will compress on the wire when cover is fitted.

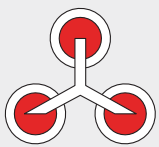
Material number	Material description	Dim A [mm]
92000259	Standard - grommet 2,50 mm	2,5
92000260	Standard - grommet 1,50 mm	1,5
92000261	Standard - grommet 4,50 mm	4,5



Other accessories for standard connectors

Material number	Material description
92000348	Crimping tool
92000349	Spare-insert for crimping-tool (92000348)
92000350	Panel puncher 17,5mm-11/16"
92000351	Panel puncher 27mm-11/16"
92000352	Assembly-set
92000353	Assembly bracket for ceramic standard connectors
92000354	Assembly bracket for high temperature connectors
92000262	Standard bending protection (rubber)
92000263	Standard-connector wire insert round 3,5
92000264	Standard-connector wire insert oval 2,0 x 1,5 mm
92000294	Standard-connector locking clip

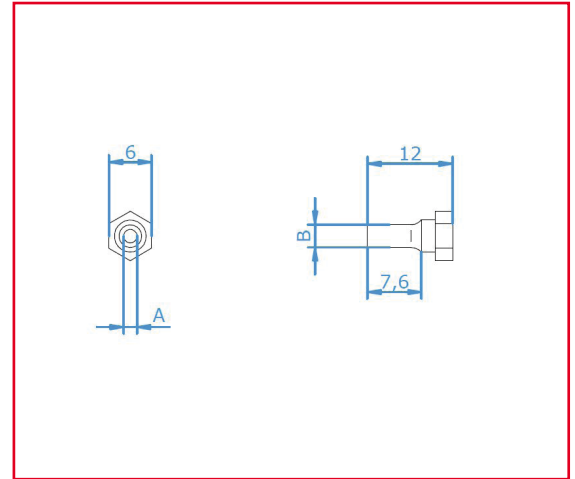
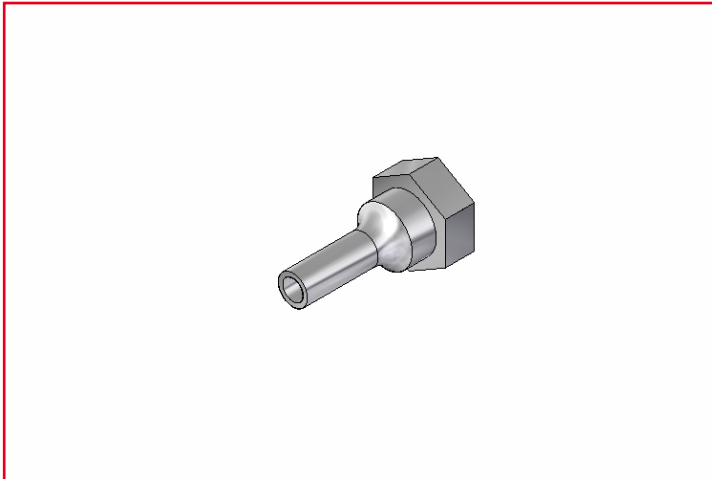




Accessories for connectors

Miniature - connectors

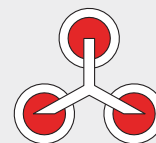
Crimp insert



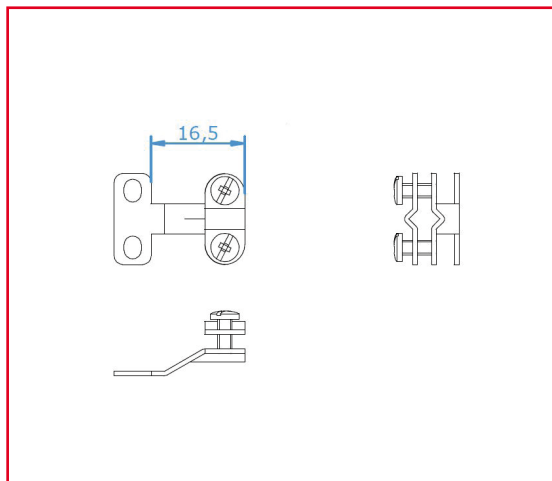
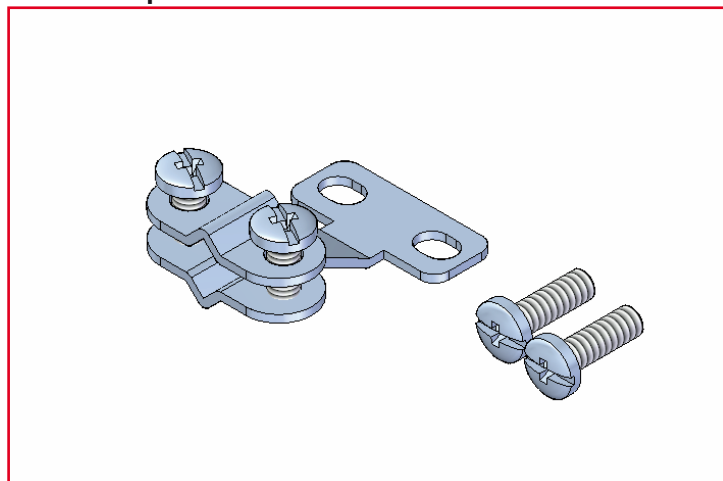
- This crimp-insert can be fitted in the entrance hole of the connector. Designed for soldering or crimping on mineral insulated cable or crimping on insulated wire.
- Brass machined insert with 0,1 mm tolerance on the cable OD. The insert fits in all miniature connectors

Material number	Material description	Dim A [mm]	Dim B [mm]
92000233	Miniature - crimp insert 1,1mm/2,4mm	1,1	2,4
92000234	Miniature - crimp insert 1,6mm/2,4mm	1,6	2,4
92000235	Miniature - crimp insert 1,7mm/2,4mm	1,7	2,4
92000236	Miniature - crimp insert 2,1mm/3,2mm	2,4	3,2
92000237	Miniature - crimp insert 2,4mm/3,2mm	3,1	3,2
92000238	Miniature - crimp insert 3,1mm/4,5mm	4,5	4,5
92000239	Miniature - crimp insert 3,3mm/4,5mm	3,3	4,5
92000240	Miniature - crimp insert 4,5mm	4,5	4,5
92000241	Miniature - crimp insert 3,9mm/4,5mm	3,9	4,5
92000242	Miniature - crimp insert 2,8mm/4,5mm	2,8	4,5
92000243	Miniature - crimp insert 2,7mm/4,5mm	2,7	4,5
92000244	Miniature - crimp insert 1,9mm/3,2mm	1,9	3,2
92000245	Miniature - crimp insert 3,5mm/4,5mm	3,5	4,5
92000246	Miniature - crimp insert 0,9mm/2,4mm	0,9	2,4
92000247	Miniature - crimp insert 3,8mm/4,5mm	3,8	4,5
92000248	Miniature - crimp insert 0,6mm/2,4mm	0,6	2,4
92000249	Miniature - crimp insert 5,0mm/5,8mm	5,0	5,8
92000250	Miniature - crimp insert for ceramic-plug	1,1	4,3

Accessories for connectors



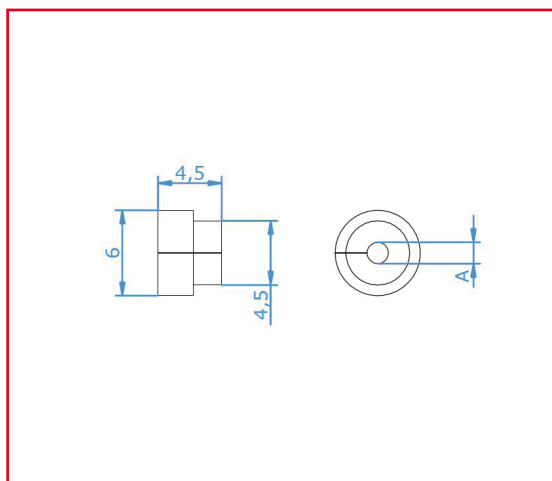
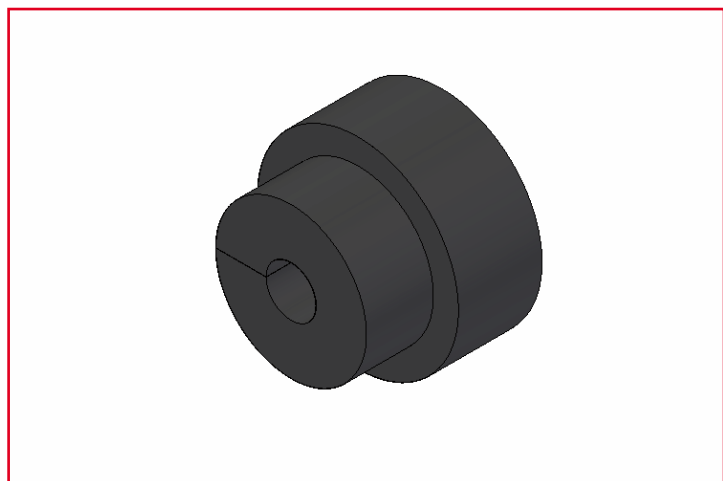
Wire clamp bracket



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

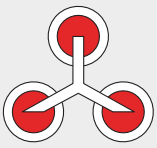
Material number	Material description
92000255	Miniature - wire clamp bracket
92000256	Miniature - wire clamp bracket for ceramic connector
92000257	Miniature - wire clamp bracket for duplex connector
92000258	Miniature - wire clamp bracket for ultra high temp

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

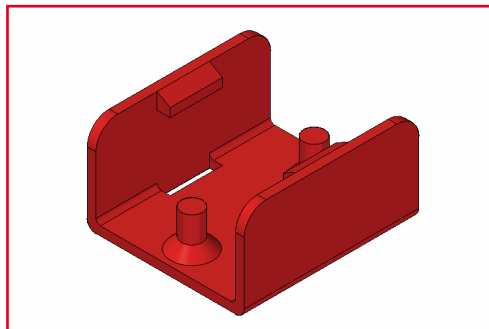
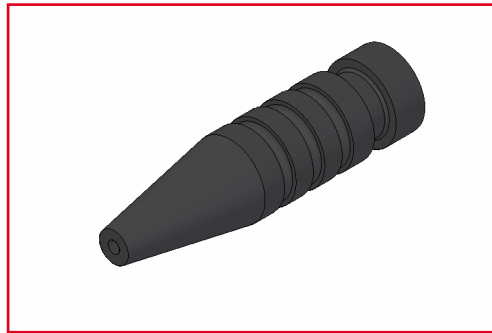
Material number	Material description
92000230	Miniature - Grommet 3,00 mm
92000231	Miniature - Grommet 0,50 mm
92000232	Miniature - Grommet 1,50 mm



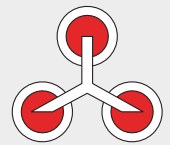
Accessories for connectors

Other accessories for miniature connectors

Material number	Material description
92000176	Bending protection miniature connector
92000251	Miniature - compression round for 1,5 mm cable
92000252	Miniature - compression round for 3,5 mm cable
92000253	Miniature - compression round oval
92000254	Miniature - locking plate

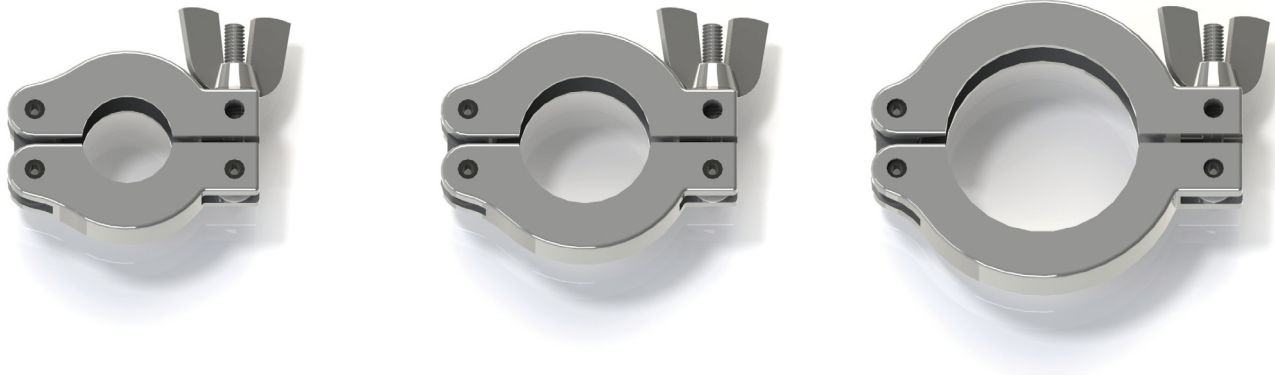


ISO-KF clamps



Consumables vacuum parts

ISO-KF clamps



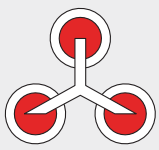
Material number	Description
92000514	Clamp Aluminum KF DN 16
92000515	Clamp aluminum KF DN 25
92000516	Clamp aluminum KF DN 40



ISO-KF O-Rings

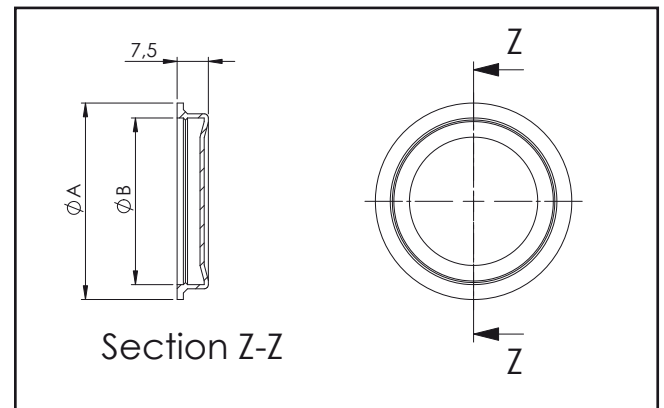
The standard design is a centering aluminum ring with a sealring made from Viton™

Material number	Description
92000517	O - and centering ring ISO KF DN 16
92000518	O - and centering ring ISO KF DN 25
92000519	O - and centering ring ISO KF DN 40



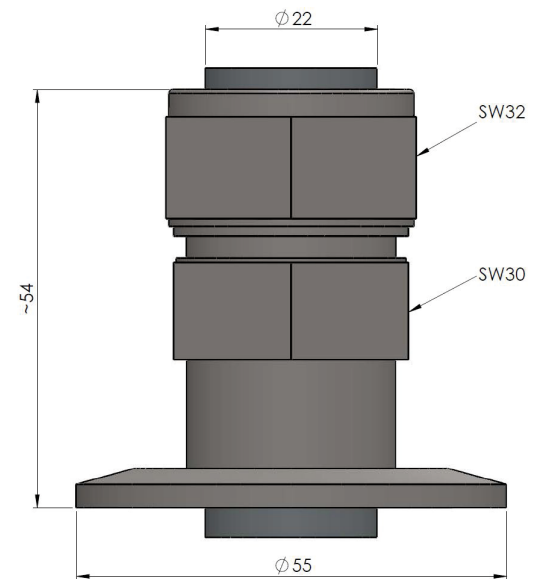
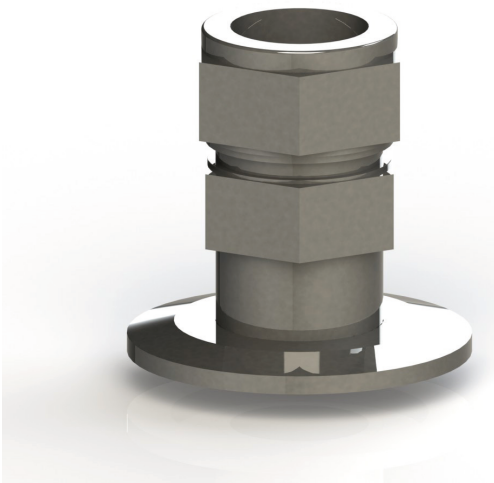
ISO-KF protection cap

ISO-KF protection cap

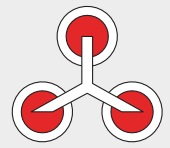


Material number	Description	Dim A [mm]	Dim B [mm]
92000522	Protection cap DN 10/16	30	25
92000520	Protection cap DN 20/25	45	40
92000521	Protection cap DN 32/40	60	55

Adapter ISO-KF DN 40 to tubes $\varnothing 22$ mm



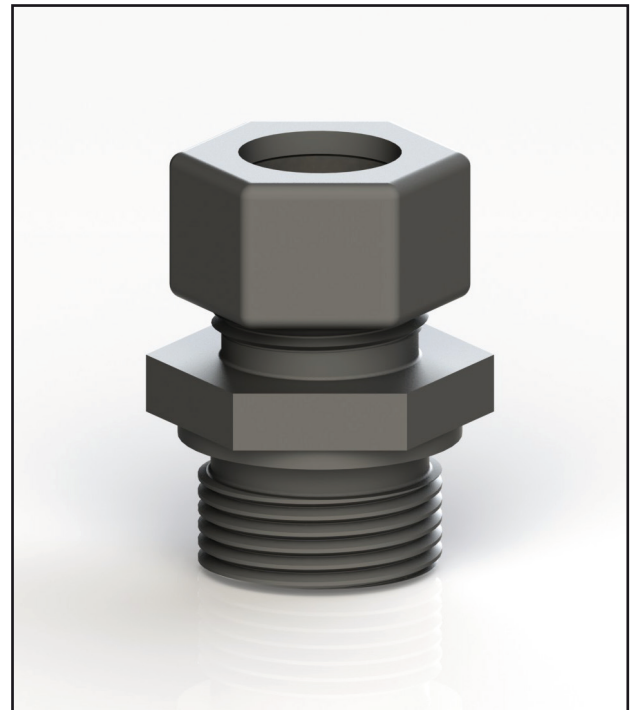
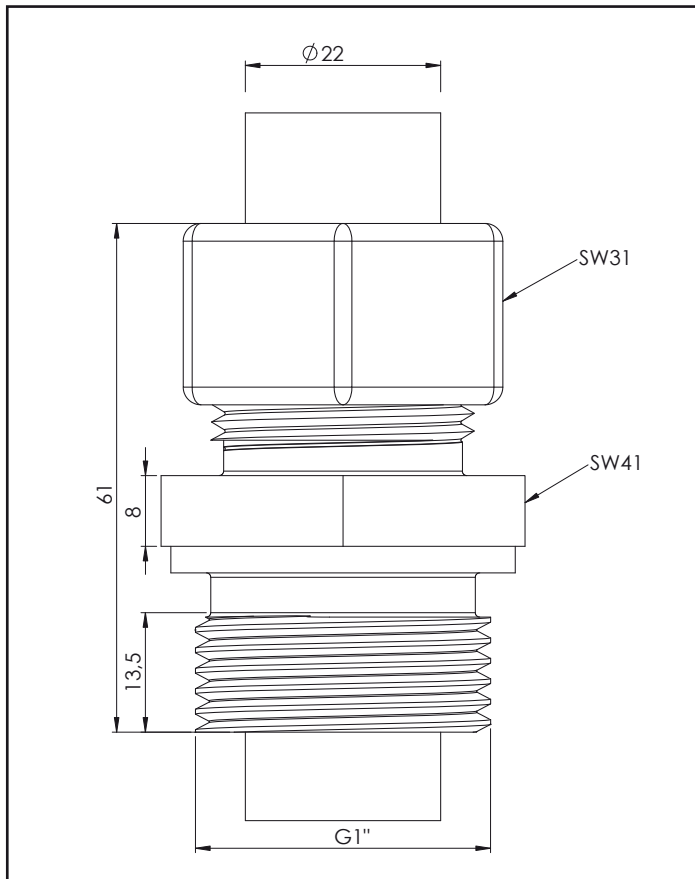
Material number	Description
520493	Compression fitting VA KF40 to D22
520599	Spare rings for D=22mm



Consumables for inert gas parts

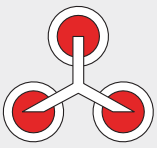
Fittings

G1" DIN 228 compression fitting for 22mm tubes



Stainless steel fitting with a G 1" DIN 228 process thread

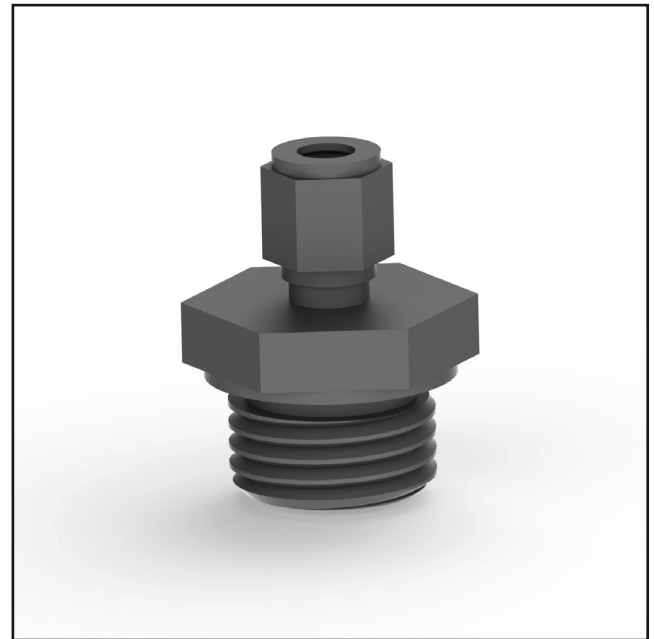
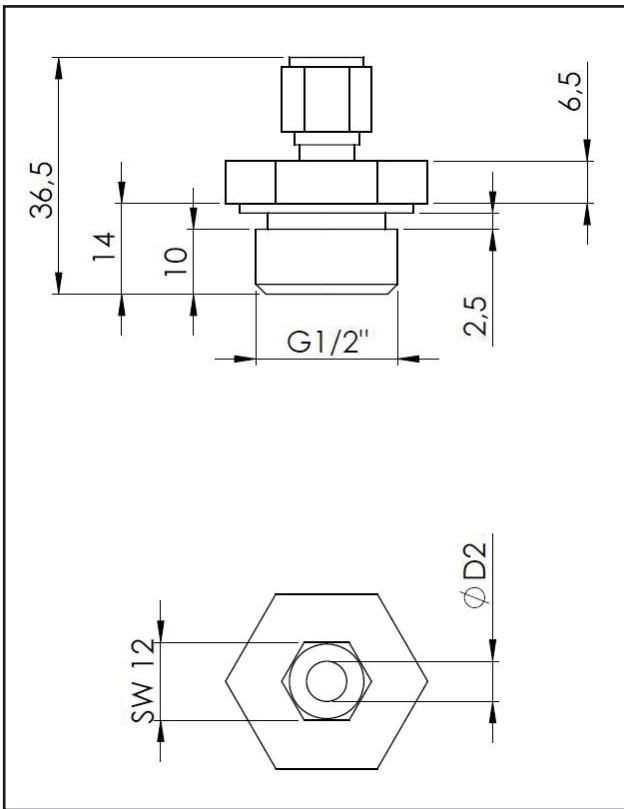
Material number	Description
520963	Compression fitting G1" for 22mm tubes



Fittings

Consumables for inert gas parts

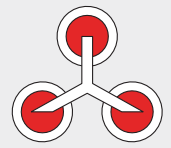
Threaded compression fittings



Stainless steel compression fitting with conical clamping ring

22

Material number	Description	Thread	D2 [mm]
521190	Compression fitting 1,0 mm with G1/2" process thread	G1/2"	1,1
521189	Compression fitting 1,5 mm with G1/2" process thread	G1/2"	1,6
92001642	Compression fitting 2,0 mm with G1/2" process thread	G1/2"	2,1
92001643	Compression fitting 3,0 mm with G1/2" process thread	G1/2"	3,1
92001644	Compression fitting 6,0 mm with G1/2" process thread	G1/2"	6,1
521094	Compression fitting 10,0 mm with G1/2" process thread	G1/2"	10,1
520895	Compression fitting 1,5 mm with M8 process thread	M8	1,6
520894	Compression fitting 4,5 mm with G1/4" process thread	G1/4"	4,6

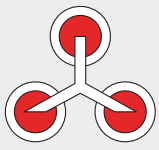


Notes

A large grid of small dots for taking notes, covering most of the page area.

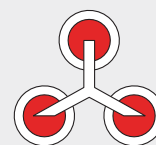
Notes

I



Notes

A large grid of small dots for taking notes, covering the majority of the page.



Imprint

Postal address:

thermo-control Körtvélyessy GmbH
Grünspechtweg 19
13469 Berlin
Germany

Company:

Managing director : Dipl.-Ing. (FH) Daniel Körtvélyessy
VAT-ID : DE120051020
Registered at : Handelskammer Berlin HR

Contact:

Phone : +49(0)30 40 586 940
Fax : +49(0)30 40 586 941

E-Mail : info@thermo-control.com

Website : www.thermo-control.com
Web-Shop : shop.thermo-control.com
Customer portal : kundenportal.thermo-control.com

Certifications / Other IDs

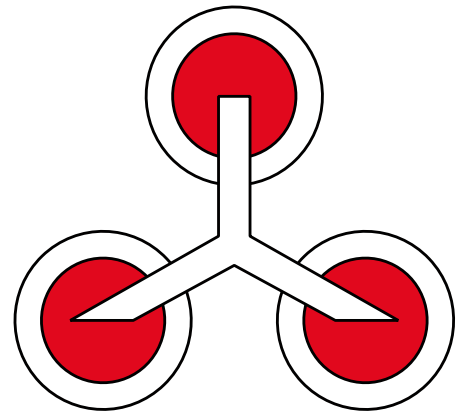
Quality management : ISO9001-2008
DUNS-No. : 36892734
NATO-Supplier-ID : 837462912

Disclaimer

The information provided in this catalog is checked and maintained continuously. Technical changes can be made without prior notice. Errors and omissions excepted. thermo-control Körtvélyessy GmbH is not liable for damages.

All images, pictures and drawings are property of thermo-control Körtvélyessy GmbH if not labeled otherwise. Their usage and/or reproduction is not permitted without written approval. Offenders are liable for related damages.

© 2017 thermo-control Körtvélyessy GmbH



thermo-control Körtvélyessy GmbH
Grünspechtweg 19
13469 Berlin
Germany

Phone +49 30 40 58 69 40
Fax +49 30 40 58 69 41

E-Mail info@thermo-control.com

Internet www.thermo-control.com
shop.thermo-control.com
kundenportal.thermo-control.com

