

Accessories

Hardware

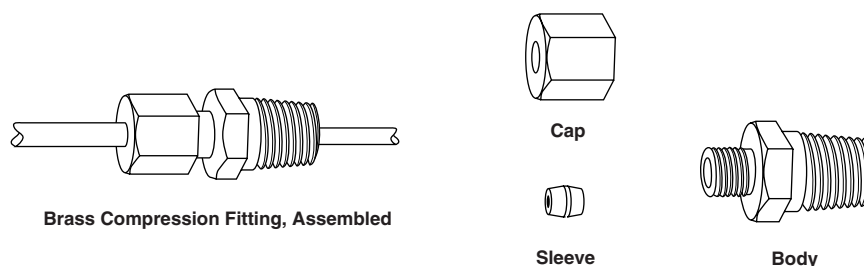
Sensor Mounting Fittings

Non-Adjustable Compression Type

Non-adjustable compression type fittings allow the exact immersion length to be set in the field at the time the sensor is installed. However, because the compression sleeve and sheath are deformed in application,

the fitting cannot be relocated along the sheath after tightening. When ordered as a part of a sensor for mounting the thermocouple, all compression type fittings are shipped finger-tight on the sheath.

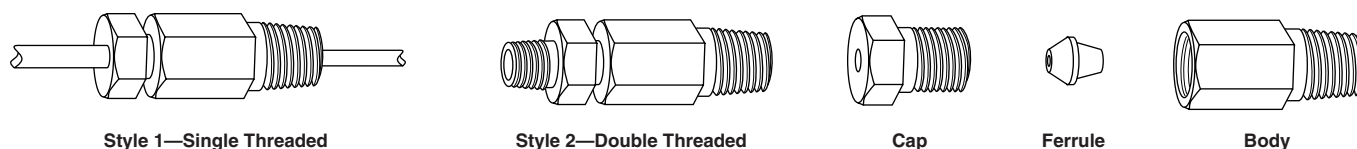
Brass Compression Fitting, Non-Adjustable



Part No.	Sheath O.D. in.	Material	Bore +0.10, -0.000 in.	Male NPT in.	Length in.
TH-185-2	0.125	Brass	0.130	1/8	1
TH-185-3	0.188	Brass	0.192	1/8	1 1/8
TH-185-4	0.250	Brass	0.256	1/8	1 1/16
TH-185-5	0.250	Brass	0.256	1/4	1 3/8
TH-185-6	0.313	Brass	0.318	1/4	1 3/8
TH-185-7	0.375	Brass	0.380	1/4	1 7/16
TH-185-9	0.250	Brass	0.256	1/2	1 3/4

Stainless Steel Compression Fitting, Non-Adjustable

Made entirely of 303 stainless steel.



Style 1—Single Threaded		Style 2—Double Threaded		Sheath O.D. in.	Bore ±0.001 in.	Male NPT in.	Hex Across Flats in.
Part No.	Length in.	Part No.	Length in.				
TH-2745-063	1 1/4	TH-2749-063	1 11/16	0.063	0.067	1/8	1/2
TH-2745-125	1 1/4	TH-2749-125	1 11/16	0.125	0.129	1/8	1/2
TH-2745-188	1 5/16	TH-2749-188	1 11/16	0.188	0.194	1/8	1/2
TH-2745-250	1 5/16	TH-2749-250	1 11/16	0.250	0.257	1/8	1/2

Note: All accessories subject to minimum purchase quantities.

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Sensor Mounting Fittings

Continued

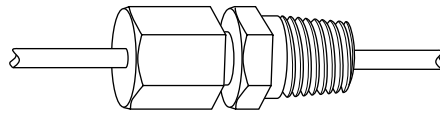
Adjustable Compression Type

Adjustable compression type fittings can be relocated at different positions along the sheath whenever changes in the immersion length are necessary. To relocate an adjustable compression fitting simply loosen the cap, slide the fitting to the new

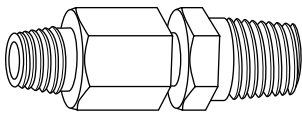
location and retighten the cap. It is recommended that lava sealant glands be replaced after each tightening. Neoprene and TFE sealant glands should withstand several relocations before replacement is necessary.

Stainless Steel Adjustable Compression Fitting

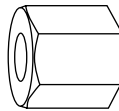
Except for their sealant glands, these fittings are made entirely of 303 stainless steel. Sealant glands are available in neoprene, -40 to 95°C (-40 to 200°F); lava, -184 to 540°C (-300 to 1000°F); TFE, -184 to 260°C (-300 to 500°F). Unless otherwise specified*, neoprene sealant glands will be furnished. Depending on temperature and sheath diameter, the fittings are pressure rated up to 3,000 psi.



Style 1—Single Threaded



Style 2 - Double Threaded



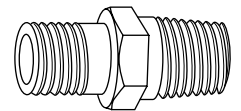
Style 1 Cap Shown



Follower



Sealant Gland

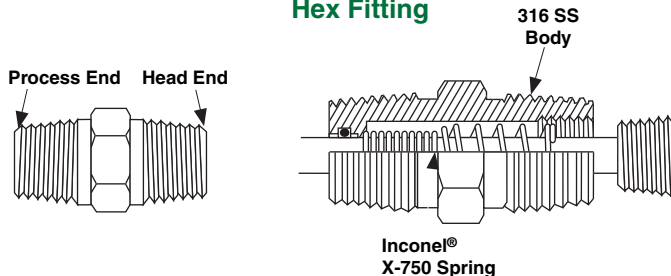


Body

Style 1—Single Threaded		Style 2—Double Threaded		Sheath O.D. in.	Bore +0.002 in.	Male NPT in.	Hex Across Flats in.	Replacement Sealant Glands, Neoprene
Part No.*	Length in.	Part No.*	Length in.					
TH-2747-N-063	1 ¼	TH-2751-N-063	1 ½	0.063	0.067	¼	½	TH-279-N-063
TH-2747-N-125	1 ¼	TH-2751-N-125	1 ½	0.125	0.136	¼	½	TH-279-N-125
TH-2747-N-188	1 ¼	TH-2751-N-188	1 ½	0.188	0.193	¼	½	TH-279-N-188
TH-2748-N-250	2 ⅞	TH-2752-N-250	3 ¼	0.250	0.257	¼	¾	TH-280-N-250
TH-2748-N-313	2 ⅞	TH-2752-N-313	3 ¼	0.313	0.316	¼	¾	TH-280-N-313
TH-2748-N-375	2 ⅞	TH-2752-N-375	3 ¼	0.375	0.386	¼	¾	TH-280-N-375

*If lava or TFE sealant glands are desired, substitute L or T in place of the N in the part number.

Adjustable Spring-Loaded Hex Fitting



The adjustable spring-loaded fitting has a stainless steel body and end cap, an Inconel® X-750 spring. Designed for use with 0.250 inch O.D. sheath thermocouples and RTDs.

Note: All accessories subject to minimum purchase quantities.

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Part No.	Sheath			Male NPT in.	Hex Across Body Flats in.	Hex Across Cap Flats in.
	Length in.	O.D. in.	Material			
6556-250	2	0.250	316 SS	¼	¾	⅝