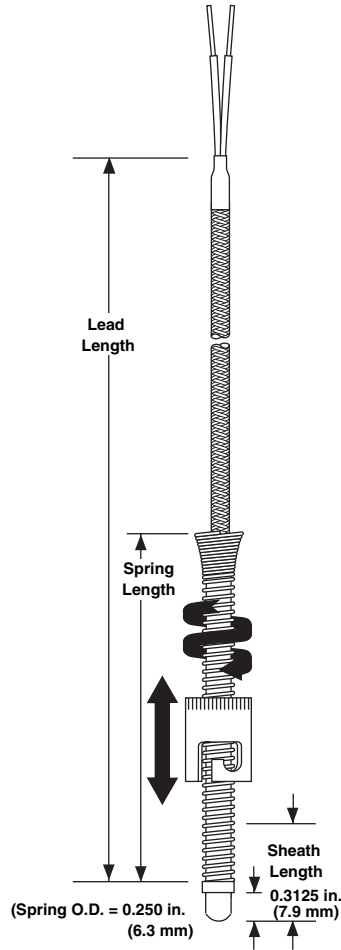


# Thermocouples

## General Applications

### Adjustable Spring Style



Adjustable spring style thermocouple fits a large range of hole depths. Bends to any angle, eliminating the requirement to stock numerous styles.

### Rapid Ship Sensors

Rapid Ship sensors come with 24 gauge stranded fiberglass lead with stainless steel overbraided and grounded junction.

Calibration	Spring Length in. (mm)	Lead Length in. (mm)	Termination	
			Split Leads	Standard Connector
J	6 (152)	24 (610)	10DJSGB024A	10DJSGB024D
		48 (1219)	10DJSGB048A	10DJSGB048D
		72 (1829)	10DJSGB072A	10DJSGB072D
	12 (305)	96 (2438)	10DJSGB096A	10DJSGB096D
		24 (610)	11DJSGB024A	11DJSGB024D
		48 (1219)	11DJSGB048A	11DJSGB048D
		72 (1829)	11DJSGB072A	11DJSGB072D
		96 (2438)	11DJSGB096A	11DJSGB096D

**Custom Ordering Information**—Items in **Bolded Green Type** are preferred with shorter lead times.

1 2 3 4 5 6 7 8 9 10 11

**D** **B**

**1-2. Construction Style**

- 10 = Standard cap - 6 inch spring**
- 11 = Standard cap - 12 inch spring**
- 14 = 12 mm cap - 6 inch spring
- 15 = 15 mm cap - 6 inch spring
- 16 = 12 mm cap - 12 inch spring
- 17 = 15 mm cap - 12 inch spring

**3. Sheath Diameter (inch), 316 SS**

D = 3/16

**4. Calibration**

- J = Type J**      T = Type T
- K = Type K**      E = Type E

**5. Lead Protection**

- F = Fiberglass (24 gauge stranded)
- S = Fiberglass with stainless steel overbraided (24 gauge stranded)**
- P = Fiberglass (20 gauge stranded)
- B = Fiberglass with stainless steel overbraided (20 gauge stranded)**
- T = PFA (24 gauge stranded)
- U = PFA with stainless steel overbraided (24 gauge stranded)
- V = PFA (20 gauge stranded)
- W = PFA with stainless steel overbraided (20 gauge stranded)

**6. Junction**

- F = Grounded, flat tip
- G = Grounded, round tip**
- D = Grounded, drill point
- R = Ungrounded, flat tip
- U = Ungrounded, round tip**
- P = Ungrounded, drill point
- H = Grounded, round tip, dual element
- S = Ungrounded, round tip, dual element

**7. Sheath Length (inch)**

B = 1

**8-10. Lead Length (whole inches)**









**012, 024, 036, 040, 048, 060, 072, 079, 096 and 120**

Available lengths: 006 to 360, over 360 consult factory

**11. Terminations/Options**

- A = Standard, 2 1/2 inch split leads**
- B = 2 1/2 inch split leads with #6 spade lugs
- C = 2 1/2 inch split leads with #6 spade lugs and BX connector
- D = Standard male plug, quick disconnect**
- E = Standard female jack, quick disconnect
- F = Miniature male plug, quick disconnect
- G = Miniature female jack, quick disconnect
- H = 1/4 inch push-on connector

Thermocouples

Thermocouple Termination Options			
A = 2-1/2" Split Leads	B = Spade Lugs	D = Standard Plug-Male	E = Standard Plug-Female
			
			
C = BX Connector with Space Lugs	H = 1/4" Push On Female Quick Disconnect	F = Miniature Plug-Male	G = Miniature Plug-Female



## Accessory Items

Part No.	Description
TH-295-1	Bayonet Adapter 7/8 in. x 1/8 in. NPT
TH-295-2	Bayonet Adapter 1 in. x 1/8 in. NPT
TH-295-3	Bayonet Adapter 1-1/2 in. x 1/8 in. NPT
TH-295-4	Bayonet Adapter 2 in. x 1/8 in. NPT
TH-295-5	Bayonet Adapter 2-1/2 in. x 1/8 in. NPT
SCM-(calib)-WAT	Standard Plug-Male (specify calibration J,K,T,E)
SCF-(calib)-WAT	Standard Jack-Female (specify calibration J,K,T,E)
MCM-(calib)-WAT	Miniature Plug-Male (specify calibration J,K,T,E)
MCF-(calib)-WAT	Miniature Jack-Female (specify calibration J,K,T,E)