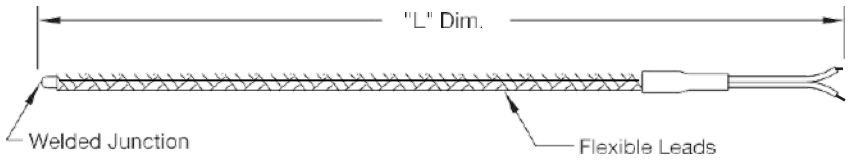
Wire Thermocouples

An economical insulated wire thermocouple with exposed junction



Ordering Code: TCE – [1] [2] [3] [4] [5] [6]

Wire Size *BOX 1*
1 = 30 ga. Solid
2 = 24 ga. Solid
3 = 24 ga. Stranded
4 = 20 ga. Solid
5 = 20 ga. Stranded
X = Other (Specify)

Lead Insulation *BOX 4*

	w/ SS Overbraid
Fiberglass 900°F (482°C) **S**	**B**
Teflon® 400°F (204°C) **T**	**D**

Termination *BOX 5*

B = 2-1/2 in. Split Leads	**P** = Standard Plug	**D** = Miniature Plug
S = Spade Lugs	**J** = Standard Jack	**E** = Miniature Jack
C = Spade Lugs with BX Conn.	**K** = Standard Plug and Jack	**F** = Mini. Plug and Jack
		X = Other (Specify)

Calibration *BOX 2*
ANSI Standard Tolerances **J K E T**

Special Requirements *BOX 6*
X = Specify
0 = None

"L" Dimension *BOX 3*
Whole inches
Example: Enter **048** for 48 inches

Magnet Thermocouples

This 1-1/4" dia. 6-pole magnet thermocouple can be attached to magnetic surfaces and walls with a holding force of 25 lbs. Magnet may lose some of the holding force above 750°F (400°C).

Ordering Code: TCM – [1] [2] [3] [4] [5]

Calibration *BOX 1*
ANSI Standard Tolerances **J K E T N**

Lead Insulation *BOX 3*

	w/ SS Overbraid
Fiberglass 900°F (482°C) **S**	**B**
Teflon® 400°F (204°C) **T**	**D**

Lead Wire Length *BOX 2*
Whole inches
Example: Enter **048** for 48 inches

Termination *BOX 4*†

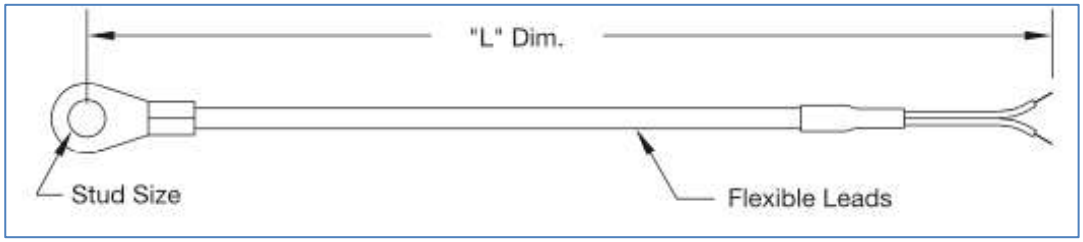
B = 2-1/2 in. Split Leads	**P** = Standard Plug	**D** = Miniature Plug
S = Spade Lugs	**J** = Standard Jack	**E** = Miniature Jack
C = Spade Lugs with BX Conn.	**K** = Standard Plug and Jack	**F** = Mini. Plug and Jack
		X = Other (Specify)

Special Requirements *BOX 5*
X = Specify
0 = None

Ring Lug Thermocouples

Design Features:

Ring thermocouples mount on a surface using an existing screw or bolt to measure surface temperature. The T/C wire junction is crimped to ring lug



Ordering Code:

TCR - [1] [2] [3] [3] [4] [5] [6]

Stud Size *BOX 1*
1 = No. 6 (0.148)
2 = No. 8 (0.175)
3 = No. 10 (0.198)
4 = 1/4 (0.266)
5 = 3/8 (0.390)

Lead Insulation *BOX 4*

		w/ SS Overbraid
Fiberglass 900°F (482°C)	**S**	**B**
Teflon® 400°F (204°C)	**T**	**D**

Calibration *BOX 2*
ANSI Standard Tolerances **J K E T**

Termination *BOX 5*
B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack
X = Other (Specify)

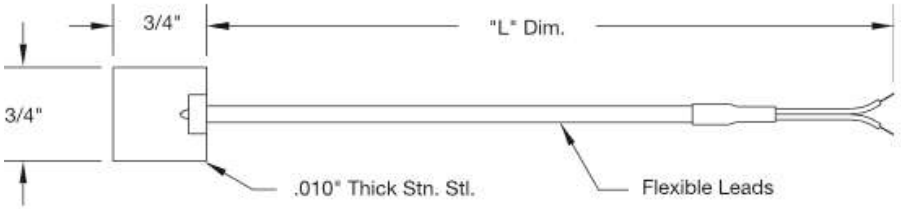
"L" Dimension *BOX 3*
Whole inches
Example: Enter **048** for 48 inches

Special Requirements *BOX 6*
X = Specify
0 = None

Shim Stock Thermocouples

Design Features:

A low-profile sensor that can be placed between two surfaces



Ordering Code:

TCS - [1] [2] [2] [3] [4] [5]

Calibration *BOX 1*
ANSI Standard Tolerances **J K E T N**

Lead Insulation *BOX 3*

		w/ SS Overbraid
Fiberglass 900°F (482°C)	**S**	**B**
Teflon® 400°F (204°C)	**T**	**D**

"L" Dimension *BOX 2*
Whole inches
Example: Enter **048** for 48 inches

Termination *BOX 4*
B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack
X = Other (Specify)

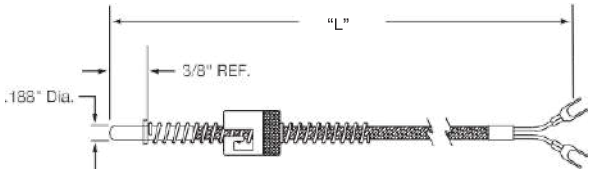
Special Requirements *BOX 5*
X = Specify
0 = None

Stock Bayonet Style Thermocouples — Type J (also available in Type K*)

Design Features

- Standard—ANSI Type J Grounded Junction
- Standard Probe Material— 304 Stainless Steel
- Standard Probe Diameter 3/16" (1/8" optional)
- For use up to 900°F (482°C)

Style 1—Spring Adjustable Bayonet Thermocouple



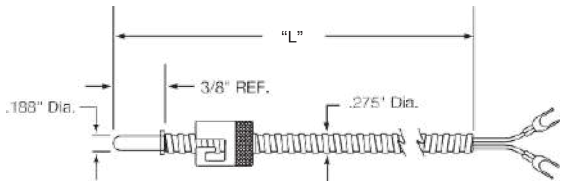
Design Features

- Insertion length adjustable from 1" to 10".
- Forms easily to any angle.
- One style can replace several fixed length thermocouples.

All Items Available from Stock

Termination	Part Number 36"	48"	60"	72"	96"	120"	144"
Spade Lugs	TCP10131	TCP10001	TCP10140	TCP10079	TCP10086	TCP10095	TCP10096
Std. Plug	TCP10153	TCP10003	TCP10145	TCP10060	TCP10071	TCP10058	TCP10108
2½" Split Leads	TCP10156	TCP10005	TCP10141	TCP10012	TCP10011	TCP10020	TCP10059

Style 2—Armor Cable Adjustable Bayonet Thermocouple



Design Features

- Insertion length adjustable over length of armor cable.
- Forms easily to any angle.
- One style can replace several fixed length thermocouples.

All Items Available from Stock

Termination	Part Number 36"	48"	60"	72"	96"	120"	144"
Spade Lugs	TCP20084	TCP20001	TCP20041	TCP20040	TCP20031	TCP20053	TCP20085
Std. Plug	TCP20086	TCP20003	TCP20011	TCP20006	TCP20008	TCP20018	TCP20010
2½" Split Leads	TCP20025	TCP20005	TCP20050	TCP20026	TCP20060	TCP20007	TCP20093

Custom Made TCP Thermocouples (Adjustable Bayonet Style)

Ordering Code: **TCP** – [1] [2] [3] [4] [4] [4] [5] [6] [7] [8]

Style *BOX 1*
1 = Spring Adjustable
2 = Armor Cable Adjustable

Calibration *BOX 2*
ANSI Standard Tolerances **J K E T N**

Junction *BOX 3*

	Grounded	Ungrounded
Single Element	G	U
Dual Element	4	5

"L" Dimension *BOX 4*
Whole inches
012 to **999**

Lead Insulation *BOX 5*

	(Style 1 only)	w/ SS Overbraid (Style 1 only)	w/ SS Armor Cable (Style 2 only)
Fiberglass 900°F (482°C)	S	B	A
Teflon® 400°F (204°C)	T	D	F

Termination *BOX 6* †
B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack
X = Other (Specify)

Tip Style *BOX 7*
R = Round
F = Flat
D = Drill Point

Special Requirements *BOX 8*
A = .125 dia. Tip
X = Other (Specify)
0 = None

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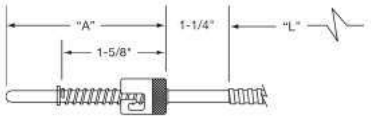
Bayonet Styles

Design Features

- Standard—ANSI Type J Grounded Junction
- Standard Probe Material—304 Stainless Steel
- Standard Probe Diameter—3/16" (1/8" optional)
- For use up to 900°F (482°C)

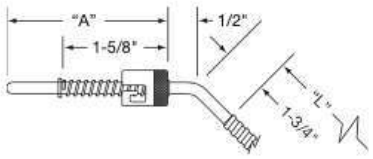
Style 3-Rigid Straight Bayonet Thermocouple



Stock Items Are Shown In RED

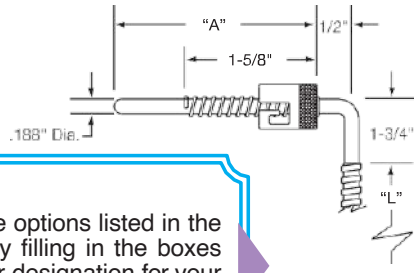
Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCB30001	S	4	48
TCB30002	C	4	48
TCB30003	P	4	48
TCB30004	J	4	48
TCB30005	B	4	48

Style 4—Rigid 45° Bend Bayonet Thermocouple



Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCB40001	S	4	48
TCB40002	C	4	48
TCB40003	P	4	48
TCB40004	J	4	48
TCB40005	B	4	48

Style 5—Rigid 90° Bend Bayonet Thermocouple



Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCB50001	S	4	48
TCB50002	C	4	48
TCB50003	P	4	48
TCB50004	J	4	48
TCB50005	B	4	48

Ordering Information

TCB Thermocouples are offered with the options listed in the worksheets. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

Custom Made TCB Thermocouples (Bayonet Style)

Ordering Code:

TCB – [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11]

Style *BOX 1*
3 = Straight
4 = 45° Bend
5 = 90° Bend

Calibration *BOX 2*
ANSI Standard Tolerances J K E T N

Junction *BOX 6*

	Grounded	Ungrounded
Single Element	G	U
Dual Element	4	5

"L" Dimension *BOX 7*
Whole inches
000 to 999

Sheath Diameter *BOX 3*
F = .125" ±.002
G = .188" ±.002 (Standard)

Lead Insulation *BOX 8*

		w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	S	B	A
Teflon® 400°F (204°C)	T	D	F

"A" Dimension *BOX 4*
Whole inches
01 to 99 (1-3/4" min.)

Termination *BOX 9*
(See Termination Style Descriptions)

B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack
X = Other (Specify)

"A" Dimension *BOX 5*
Fractional inches
0 = 0" 3 = 3/8" 6 = 3/4"
1 = 1/8" 4 = 1/2" 7 = 7/8"
2 = 1/4" 5 = 5/8"

Tip Style *BOX 10*
R = Round F = Flat D = Drill Point

Special Requirements *BOX 11*
X = Specify
0 = None

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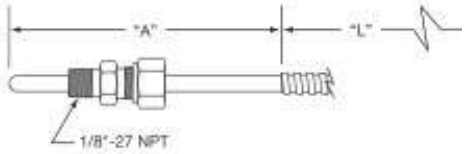
Compression Fitting Styles

Style 6—Rigid Straight Compression Fitting Thermocouple

Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCC60001	S	4	48
TCC60002	C	4	48
TCC60003	P	4	48
TCC60004	J	4	48
TCC60005	B	4	48



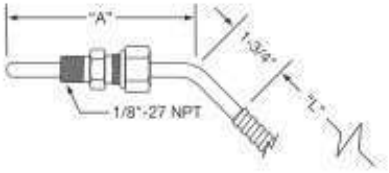
Design Features

- Standard Calibration — ANSI Type J Grounded Junction
- Standard Probe Material 304 Stainless Steel
- Standard Probe Diameter—3/16"
- For use up to **900°F (482°C)**
- One-Time Adjustable 1/8"-27 NPT Brass Compression Fitting

All Items Available from Stock

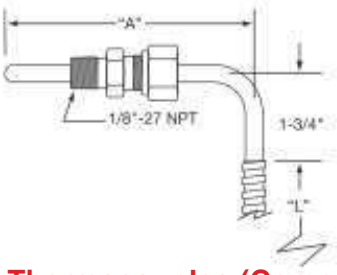
Style 7—Rigid 45° Bend Compression Fitting Thermocouple

Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCC70001	S	4	48
TCC70002	C	4	48
TCC70003	P	4	48
TCC70004	J	4	48
TCC70005	B	4	48



Style 8—Rigid 90° Bend Compression Fitting Thermocouple

Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCC80001	S	4	48
TCC80002	C	4	48
TCC80003	P	4	48
TCC80004	J	4	48
TCC80005	B	4	48



Custom Made TCC Thermocouples (Compression Fitting Style)

Ordering Code:

TCC – 1 2 3 4 5 6 7 8 9 10 11

Style *BOX 1*
6 = Straight
7 = 45° Bend
8 = 90° Bend

Calibration *BOX 2*
ANSI Standard Tolerances: J K E T N

Junction *BOX 6*

	Grounded	Ungrounded
Single Element	G	U
Dual Element	4	5

"L" Dimension *BOX 7*
Whole inches
000 to 999

Sheath Diameter *BOX 3* F
= .125
G = .188 (Standard)
H = .250
X = Other (Specify)

Lead Insulation *BOX 8*

		w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	S	B	A
Teflon® 400°F (204°C)	T	D	F

"A" Dimension *BOX 4*
Whole inches
01 to 99 (1-3/4" min.)

Termination *BOX 9*
(See page 14-9 for Termination Style Descriptions)
B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack
X = Other (Specify)

"A" Dimension *BOX 5*
Fractional inches
0 = 0" 3 = 3/8" 6 = 3/4"
1 = 1/8" 4 = 1/2" 7 = 7/8"
2 = 1/4" 5 = 5/8"

Tip Style *BOX 10*
R = Round F = Flat D = Drill Point

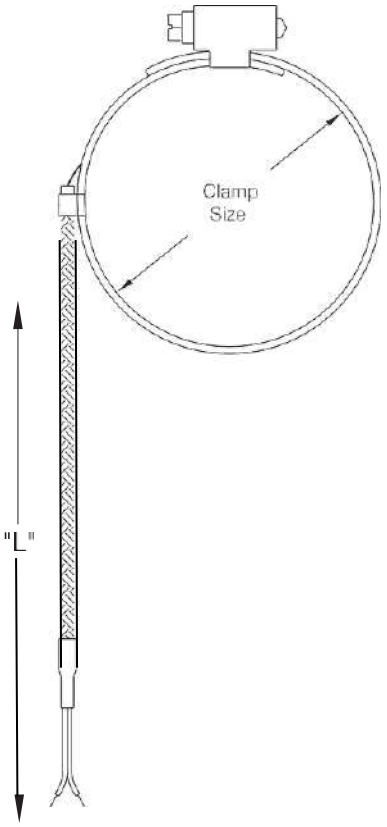
Special Requirements *BOX 11*
X = Specify
0 = None

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Pipe Clamp Thermocouples

Design Features

- Stainless Steel Worm Drive Clamp 1/2" wide
- Ideal for Measuring Pipe Temperatures
- Thermocouple Junction Grounded to Clamp



Ordering Code: TCPW – [1] [2.] [3] [ ] [ ] [4] [5] [6]

Clamp Size *BOX 1*
1 = 1/2" to 7/8"
2 = 7/8" to 1-1/2"
3 = 1-5/16" to 2-1/4"
4 = 2-1/4" to 3-5/16"
5 = 3-5/16" to 4-1/4"
6 = 4-5/16" to 5-1/4"
7 = 5-5/8" to 8-1/2" (9/16" Wide)
X = Other (Specify)

Calibration *BOX 2*
ANSI Standard Tolerances — **J K E T**

"L" Dimension *BOX 3*
Whole inches
Example: Enter **048** for 48 inches

Lead Insulation *BOX 4*

		w/ SS Overbraid
Fiberglass 900°F (482°C)	**S**	**B**
Teflon 400°F (204°C)	**T**	**D**

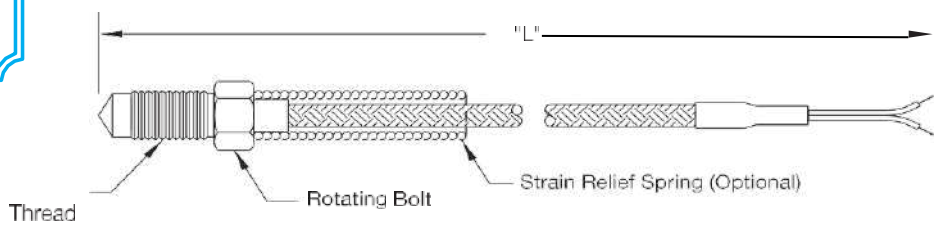
Termination *BOX 5* †
B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack
X = Other (Specify)

Special Requirements *BOX 6*
X = Specify
0 = None

Ordering Information

TCR, TCS, TCPW and TCN Thermocouples are offered with the options listed in the work-sheets. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

Nozzle Thermocouples



Design Features

- Mounted in a shallow threaded hole on the nozzle surface (there is no direct contact with material flow)
- Grounded junction

Ordering Code: TCN – [1] [2] [3] [4] [5] [6] [7]

Thread Size *BOX 1*
1 = 1/4-28 UNF
2 = 1/4-20 UNC
3 = M6 · 1
4 = M8 · 1.25
X = Other (Specify)

Calibration *BOX 2*
ANSI Standard Tolerances — **J K E T N**

"L" Dimension *BOX 3*
Whole inches
Example: Enter **048** for 48 inches

Lead Insulation *BOX 4*

		w/ SS Overbraid
Fiberglass 900°F (482°C)	**S**	**B**
Teflon 400°F (204°C)	**T**	**D**

Termination *BOX 5* †
B = 2-1/2 in. Split Leads
S = Spade Lugs
C = Spade Lugs with BX Conn.
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack
D = Miniature Plug
E = Miniature Jack
F = Mini. Plug and Jack
X = Other (Specify)

Strain Relief Spring *BOX 6*
0 = Not Required
Y = Required

Special Requirements *BOX 7*
X = Specify
0 = None

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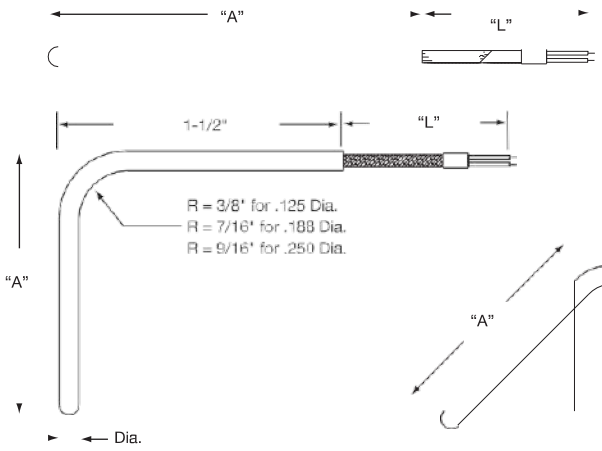
Tube and Wire Thermocouples



Design Features

- Economical & versatile for a variety of applications
- For use up to 900°F (482°C)
- Optional process fittings available
- Available with single or dual element.

Ordering Information

TPP and **TPC** Thermocouples are offered with the options listed in the worksheets. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

Ordering Code:

TPP –	1	2	3	4	5	6	7	8	9	10	11

Style *BOX 1*

1 = Straight
2 = 45° Bend
3 = 90° Bend
X = Other (Specify)

Calibration Code *BOX 2*

ANSI Standard Tolerances **J K E T N**

Sheath Material *BOX 3*

B = 304 SS
C = 316 SS

Sheath O.D. *BOX 4*

F = .125" ±.002
G = .188" ±.002
H = .250" ±.002
X = Other (Specify)

Sheath Length "A" *BOX 5*

Whole inches
00 to **99**
For lengths over 99 in. consult HK.

Sheath Length "A" *BOX 6*

Fractional inches

0 = 0"	**3** = 3/8"	**6** = 3/4"
1 = 1/8"	**4** = 1/2"	**7** = 7/8"
2 = 1/4"	**5** = 5/8"	

Junction *BOX 7*

	Grounded	Ungrounded
Single Element	**G**	**U**
Dual Element	**4**	**5**

Lead Wire Length "L" *BOX 8*

In inches **000** to **999**
Example 048 for 48"

Lead Wire Construction *BOX 9*

		w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	**S**	**B**	**A**
Teflon® 400°F (204°C)	**T**	**D**	**F**

Depending on availability, sheath OD of .125" uses 24 gauge lead wire. Larger than .125" thermocouples use 20 gauge lead wire depending on availability and insulation type.

Lead Wire Termination *BOX 10* †

B = 2-1/2 in. Split Leads
S = 2-1/2 in. Split Leads with Spade Lugs
C = 2-1/2 in. Split Leads with BX connector and Spade Lugs
P = Standard Male Plug
J = Standard Female Jack
K = Std. Plug with Mating Jack
D = Miniature Male Plug
E = Miniature Female Jack
F = Miniature Plug with Mating Jack
X = Other (Specify)

Special Requirements *BOX 11*

X = Specify
0 = None

Note: Metric sizes available. Consult HK

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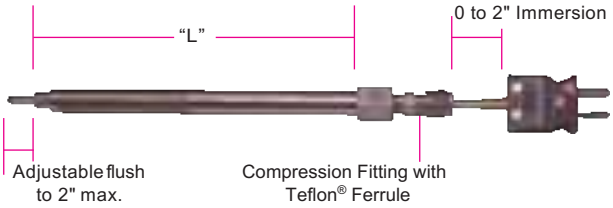
Melt Bolt Thermocouples for Plastic Extruders or Injection Molding Machines

Design Features

Bolt Material	Probe Material	Probe Diameters	Calibration	Junction Style
Stainless Steel 1/2-20 UNF Thread	Stainless Steel	Standard 1/8"	ANSI Type J (IronConstantan)	Closed End Grounded

Style A—Adjustable Tip

- Eliminates excess inventory.
- Tip can be field adjusted from flush to 2 inches.
- MgO insulated.
- Can be installed wherever standard melt thermocouples are in use.
- Bolt with Teflon® insert at tip has a maximum operating temperature of 500°F (260°C). Without insert 1400°F (760°C).



Thermocouple Diameter	Part Number Without Teflon® Insert L = 3"	Without Teflon® Insert L = 6"	With Teflon® Insert L = 3"	With Teflon® Insert L = 6"
1/8"†	TMB00001	TMB00002	TMB00003	
3/16"	TMB00005	TMB00006	N/A	N/A

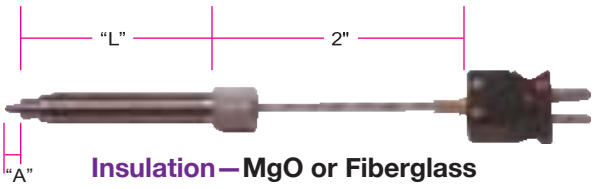
† For 1/8" diameter, it is not recommended to immerse tip more than 1" due to bending and breakage in melt flow.

Style R—Fixed Immersion with No Extension

Insulation—MgO or Fiberglass

Part Number MgO Insulation	"A" (in)	"L" (in)	Part Number Fiberglass Insulation
TMB00027	Flush	3	TMB00037
TMB00028	1/4	3	TMB00038
TMB00029	1/2	3	TMB00039
TMB00030	3/4	3	TMB00040
TMB00031	1	3	TMB00041
TMB00032	Flush	6	TMB00042
TMB00033	1/4	6	TMB00043
TMB00034	1/2	6	TMB00044
TMB00035	3/4	6	TMB00045
TMB00036	1	6	TMB00046

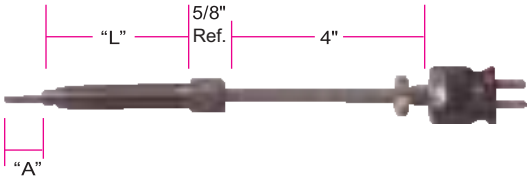
Style E—Fixed Immersion with Rigid Extension



Insulation—MgO or Fiberglass

Part Number MgO Insulation	"A" (in)	"L" (in)	Part Number Fiberglass Insulation
TMB00007	Flush	3	TMB00017
TMB00008	1/4	3	TMB00018
TMB00009	1/2	3	TMB00019
TMB00010	3/4	3	TMB00020
TMB00011	1	3	TMB00021
TMB00012	Flush	6	TMB00022
TMB00013	1/4	6	TMB00023
TMB00014	1/2	6	TMB00024
TMB00015	3/4	6	TMB00025
TMB00016	1	6	TMB00026

Style F—Fixed Immersion with Flexible Extension



Insulation—Fiberglass only

"A" (in)	"L" (in)	Part Number Fiberglass Insulation
Flush	3	TMB00047
1/4	3	TMB00048
1/2	3	TMB00049
3/4	3	TMB00050
1	3	TMB00051
Flush	6	TMB00052
1/4	6	TMB00053
1/2	6	TMB00054
3/4	6	TMB00055
1	6	TMB00056

The Blank bolt is used to seal hole if thermocouple is removed from the extruder

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Melt Bolt Thermocouples (Custom Engineered/Manufactured)

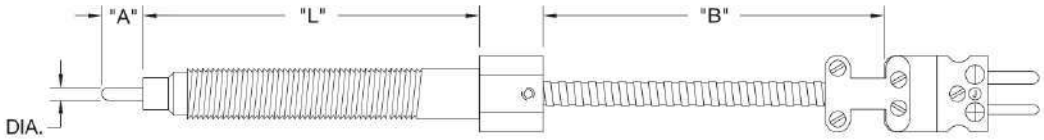
Design Features

- Designed to Measure the Temperature of Plastic Stream of an Extruder or Injection Molding Machine
- 304 Stainless Steel Construction
- 1/2-20 UNF Thread
- 900°F (482°C) Operating Temperature

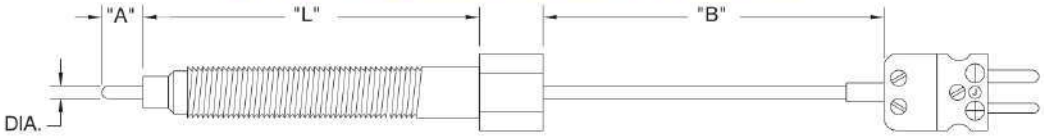
Ordering Information

TMB Melt Bolt Thermocouples are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

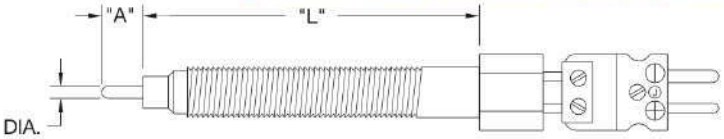
Style F — Fixed Immersion with Flexible Extension



Style E — Fixed Immersion with Rigid Extension



Style R — Fixed Immersion with No Extension



Ordering Code: TMB – [1] [2] [3] [4] [5] [6] [7] [8] [9] [10]

Style *BOX 1*
F = w/ Flexible Extension
E = w/ Rigid Extension
R = w/ No Extension

Tip Diameter *BOX 2*
F = 0.125 (Standard)
G = 0.188
X = Other (Specify)

Melt Bolt Length *BOX 3*
"L" Dim.
03 = 3" **09** = 9"
04 = 4" **10** = 10"
06 = 6" **12** = 12"

Calibration *BOX 4*
ANSI Standard Tolerances **J K E T N**

"A" Dimension *BOX 5*
Whole inches
0 to **9** (Enter 0 if less than 1)

Junction *BOX 7*
G = Grounded
U = Ungrounded

"B" Dimension *BOX 8*
Whole inches
Example: Enter **006** for 6 inches
Enter **000** for Style R

"A" Dimension *BOX 6*
Fractional inches
0 = 0" **3** = 3/8" **6** = 3/4"
1 = 1/8" **4** = 1/2" **7** = 7/8"
2 = 1/4" **5** = 5/8"

Termination *BOX 9* †
B = 2-1/2 in. Split Leads (Style F only)
S = Spade Lugs (Style F only)
C = Spade Lugs with BX Conn. (Style F only)
X = Other (Specify)
P = Standard Plug
J = Standard Jack
K = Standard Plug and Jack

Special Requirements *BOX 10*
X = Specify
0 = None

Optional Thermocouple Termination Styles

Optional Termination Styles

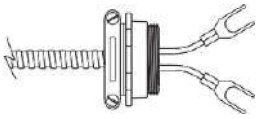
Available for the following thermocouples:

Style
TCB
TCP
TCC
TCE
TCM
TCS
TCPW
TCN

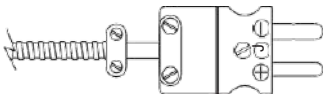
Style B—Plain Ends

Style S—Spade Lugs

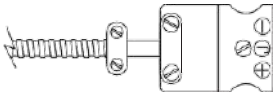
Style C—Spade Lugs with BX connector



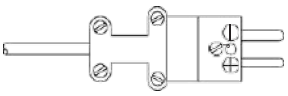
Style P—Standard Plug



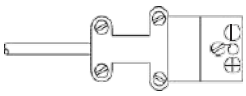
Style J—Standard Jack



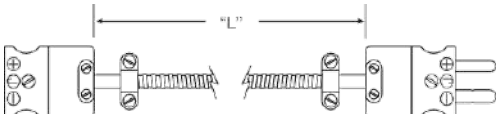
Style D—Miniature Plug



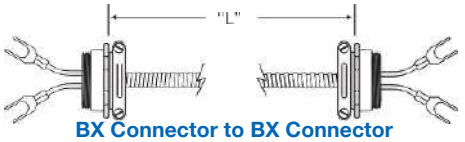
Style E—Miniature Jack



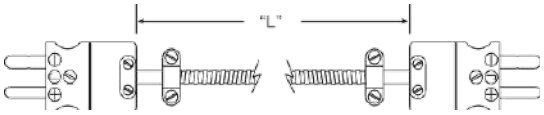
Thermocouple Extension Assemblies



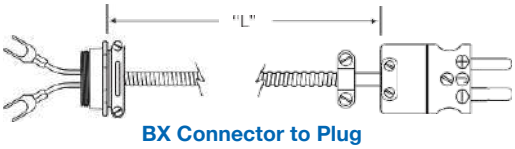
Jack to Plug



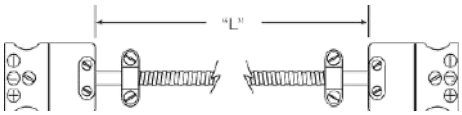
BX Connector to BX Connector



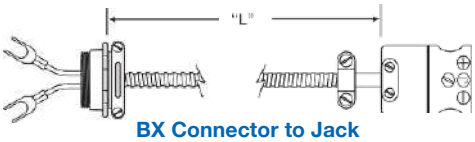
Plug to Plug



BX Connector to Plug



Jack to Jack



BX Connector to Jack

Ordering Information

ECA Thermocouple Extension Assemblies are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

Ordering Code: ECA – [1] [2] [3] [4] [4] [5] [6]

Termination 1 & 2 *BOX 1 & 2* †

S = Spade Lugs
B = 2-1/2 in. Split Leads
C = Spade Lugs with BX Conn.
D = Miniature Plug
P = Standard Plug
E = Miniature Jack
J = Standard Jack
X = Other (Specify)

"L" Dimension *BOX 4*

Whole inches **006** to **999**

Calibration *BOX 3*

ANSI Standard Tolerances **J K E T N**

Lead Insulation *BOX 5*

	Standard	w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	**S**	**B**	**A**
Teflon® 400°F (204°C)	**T**	**D**	**F**

Special Requirements *BOX 6*

X = Specify
0 = None

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.