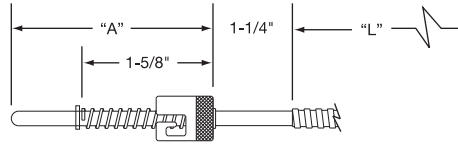


### Bayonet Styles

#### Style 3—Rigid Straight Bayonet Thermocouple



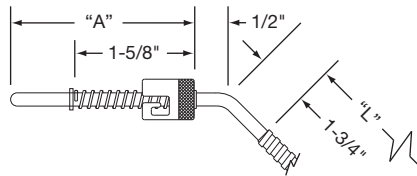
Stock Items Are Shown In **RED**

Part Number	Termination Style <sup>†</sup>	"A" Dim. (in)	"L" Dim. (in)
TCP30001	S	4	48
TCP30002	C	4	48
TCP30003	P	4	48
TCP30004	J	4	48
TCP30005	B	4	48

#### Design Features

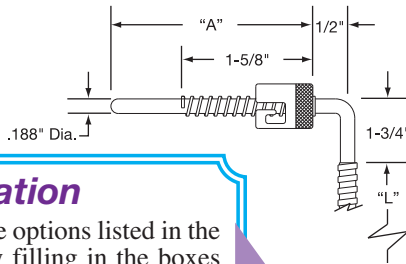
- \* Standard—ANSI Type J Grounded Junction
- \* Standard Probe Material—304 Stainless Steel
- \* Standard Probe Diameter—3/16" (1/8" optional)
- \* For use up to 900°F (482°C)
- \* See Page 14-87 for bayonet adapters and installation

#### Style 4—Rigid 45° Bend Bayonet Thermocouple



Part Number	Termination Style <sup>†</sup>	"A" Dim. (in)	"L" Dim. (in)
TCP40001	S	4	48
TCP40002	C	4	48
TCP40003	P	4	48
TCP40004	J	4	48
TCP40005	B	4	48

#### Style 5—Rigid 90° Bend Bayonet Thermocouple



Part Number	Termination Style <sup>†</sup>	"A" Dim. (in)	"L" Dim. (in)
TCP50001	S	4	48
TCP50002	C	4	48
TCP50003	P	4	48
TCP50004	J	4	48
TCP50005	B	4	48

### Ordering Information

TCP 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.

<sup>†</sup> See page 14-9 for Termination Style descriptions

### Ordering Code:

TCP -

### Custom Made TCP Thermocouples (Bayonet Style)

#### 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

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

#### "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](http://www.P65Warnings.ca.gov).

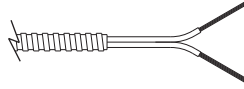
### Optional Thermocouple Termination Styles

#### Optional Termination Styles

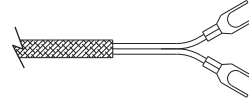
Available for the following thermocouples:

Style	Page
TTW	14-2
TCP	14-3 through 14-5
TRW	14-6
TSW	14-6
TPW	14-7
TNW	14-7
TWW	14-8
TMW	14-8
MTA1	14-15

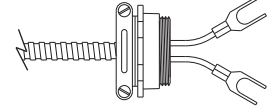
Style B—Plain Ends



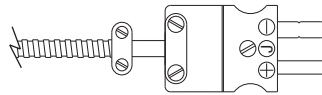
Style S—Spade Lugs



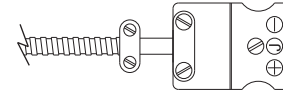
Style C—Spade Lugs with BX connector



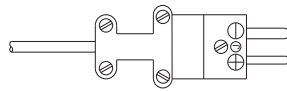
Style P—Standard Plug



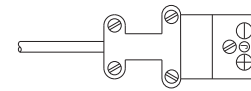
Style J—Standard Jack



Style D—Miniature Plug



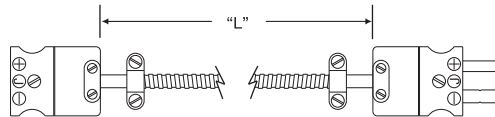
Style E—Miniature Jack



### Thermocouple Extension Assemblies

Termination 1

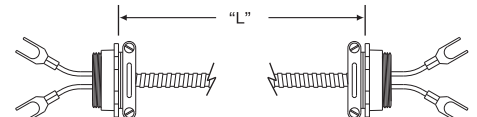
Termination 2



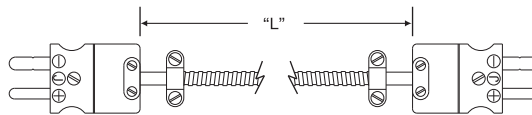
Jack to Plug

Termination 1

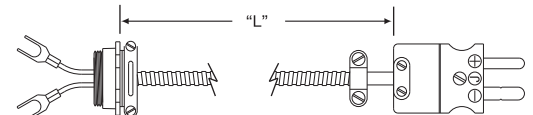
Termination 2



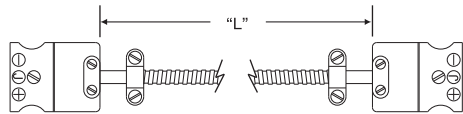
BX Connector to BX Connector



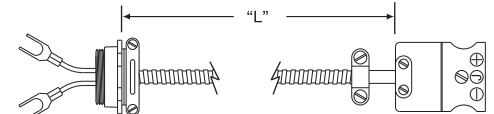
Plug to Plug



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** -

#### 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)

#### Calibration BOX 3

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

† See above for Termination Style descriptions

#### "L" Dimension BOX 4

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

#### Lead Insulation BOX 5

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

#### Special Requirements BOX 6

**X** = Specify  
**0** = None

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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