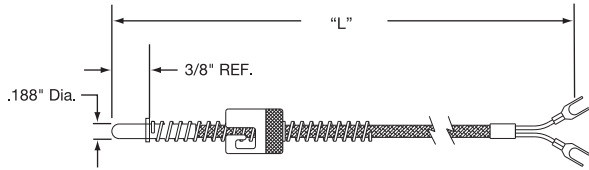


### Stock Bayonet Style Thermocouples — Type J

#### 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



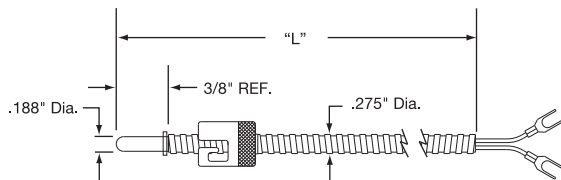
#### Design Features

- \* **Insertion length adjustable from 1" to 10".**
- \* **Forms easily to any angle.**
- \* **One style can replace several fixed length thermocouples.**
- \* **Use with bayonet adapters on page 14-87.**

*All Items Available from Stock*

Termination	36"	48"	60"	Part Number 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.**
- \* **Use with bayonet adapters on page 14-87.**

*All Items Available from Stock*

Termination	36"	48"	60"	Part Number 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 5 6 7 8

#### Style BOX 1

- 1 = Spring Adjustable
- 2 = Armor Cable Adjustable

#### Lead Insulation BOX 5

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

#### Calibration BOX 2

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

#### 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)

† See page 14-9 for Termination Style descriptions

#### Junction BOX 3

	Grounded	Ungrounded
Single Element	<b>G</b>	<b>U</b>
Dual Element	<b>4</b>	<b>5</b>

#### "L" Dimension BOX 4

Whole inches  
**012 to 999**

#### Tip Style BOX 7

- R** = Round
- F** = Flat
- D** = Drill Point

#### Special Requirements BOX 8

- A** = .125 dia. Tip
- X** = Other (Specify)
- 0** = None

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

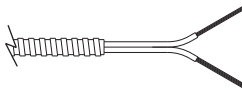
### Optional Thermocouple Termination Styles

#### Optional Termination Styles

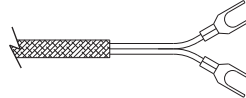
Available for the following thermocouples:

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

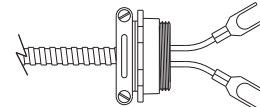
Style B—Plain Ends



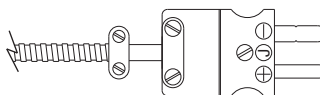
Style S—Spade Lugs



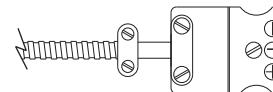
Style C—Spade Lugs with BX connector



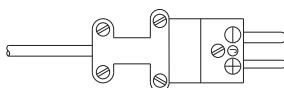
Style P—Standard Plug



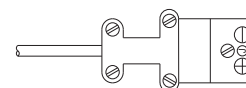
Style J—Standard Jack



Style D—Miniature Plug



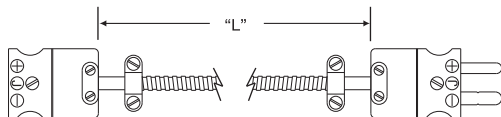
Style E—Miniature Jack



### Thermocouple Extension Assemblies

Termination 1

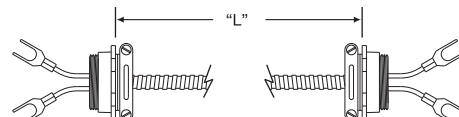
Termination 2



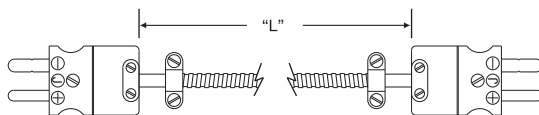
Jack to Plug

Termination 1

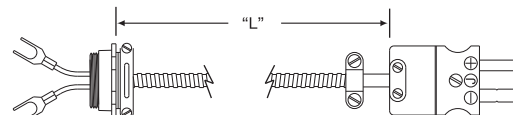
Termination 2



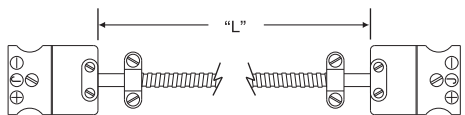
BX Connector to BX Connector



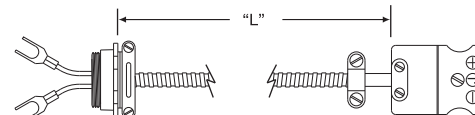
Plug to Plug



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).

**(800) 323-6859 • Email: [sales@tempco.com](mailto:sales@tempco.com)**