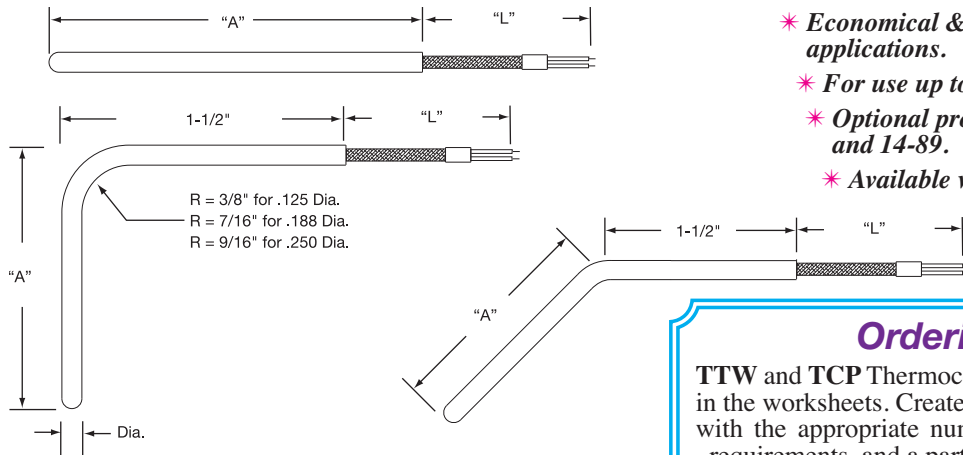


### Tube and Wire Thermocouples



#### Design Features

- \* Economical & versatile for a variety of applications.
- \* For use up to 900°F (482°C).
- \* Optional process fittings available. See pages 14-88 and 14-89.
- \* Available with single or dual element.

#### Ordering Information

TTW and 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.

#### Ordering Code:

TTW - 
 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**

#### Junction BOX 7

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

#### Sheath Material BOX 3

- B = 304 SS
- C = 316 SS

#### Lead Wire Length "L" BOX 8

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

#### Sheath O.D. BOX 4

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

#### Lead Wire Construction BOX 9

		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>

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.

#### Sheath Length "A" BOX 5

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

#### 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"

#### Lead Wire Termination BOX 10 †

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

#### Special Requirements BOX 11

- X = Specify
- 0 = None

† See page 14-9 for Termination Style descriptions



**Note:** Metric sizes available. Consult TEMPCO

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