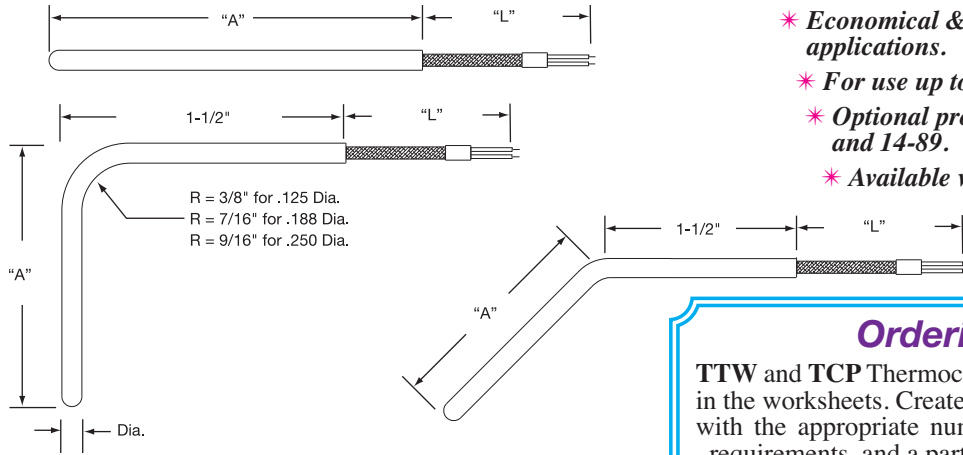


Tube and Wire Thermocouples



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	G	U
Dual Element	4	5

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)

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.

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