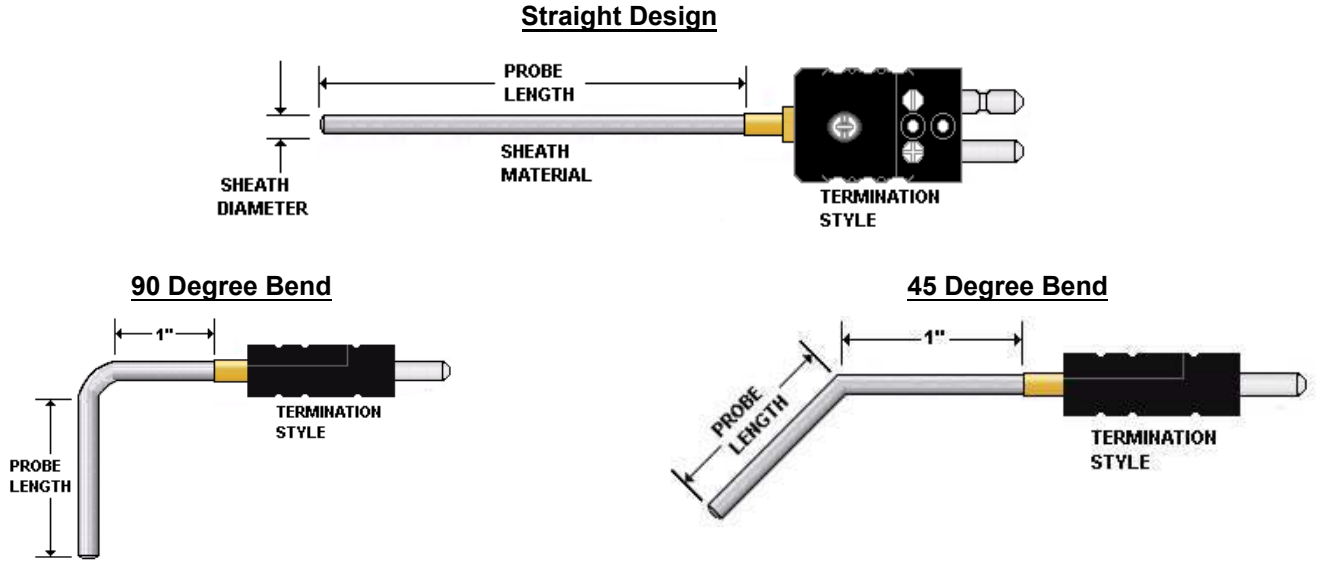


Style TB3

Rigid Tube and Wire Thermocouple



Ordering Information

Part Number

① TB3	② Calibration	③ Sheath Diameter	④ Bend Type	⑤ Sheath Length (Whole In.)	⑥ Sheath Length (Frac. In.)	⑦ Wire material (inside probe)	⑧ Junction	⑨ Termination Style
TB3								

Optional

⑩ Special Features	⑪ Attached Fitting	⑫ Insertion Length (whole in.)	⑬ Insertion Length (Frac.in.)

② Calibration
J Type J (standard)
K Type K
T Type T
E Type E

③ Sheath Diameter
G .118" (3mm)
H .125" (3.2mm) (1/8")
L .188" (4.6mm) (3/16") (standard)
M .236 (6mm)
N .250" (6.4mm) (1/4")
Note Sizes for reference only (standard tolerances apply)
Note For other diameters consult factory

④ Bend Type
X Straight
Y 45 Degree
Z 90 Degree

⑤ Sheath Length (whole in.)
001"-060" Specify in inches

⑥ Sheath Length (fractional in.)
A 0
B 1/8"
C 1/4"
D 3/8"
E 1/2"
F 5/8"
G 3/4"
H 7/8"

⑦ Wire material (inside probe)
A Fiberglass (800°F)
B Fluoropolymer (400°F) FEP

⑧ Junction
G Grounded (standard)
U Ungrounded
W Grounded (Dual Junction)
Y Ungrounded Common (Dual)

⑨ Termination style
C Standard male plug (400°F)
D High temp male Plug (660°F)
E Max temp male Plug (800°F)
G Solid pin male plug (400°F)
H Standard female jack (400°F)
J Miniature male plug (400°F)
K Miniature female jack (400°F)
N Standard 3 pin male plug w/ ground wire (400°F)
P Dual molded male plug (400°F)
Z Dual molded female jack (400°F)

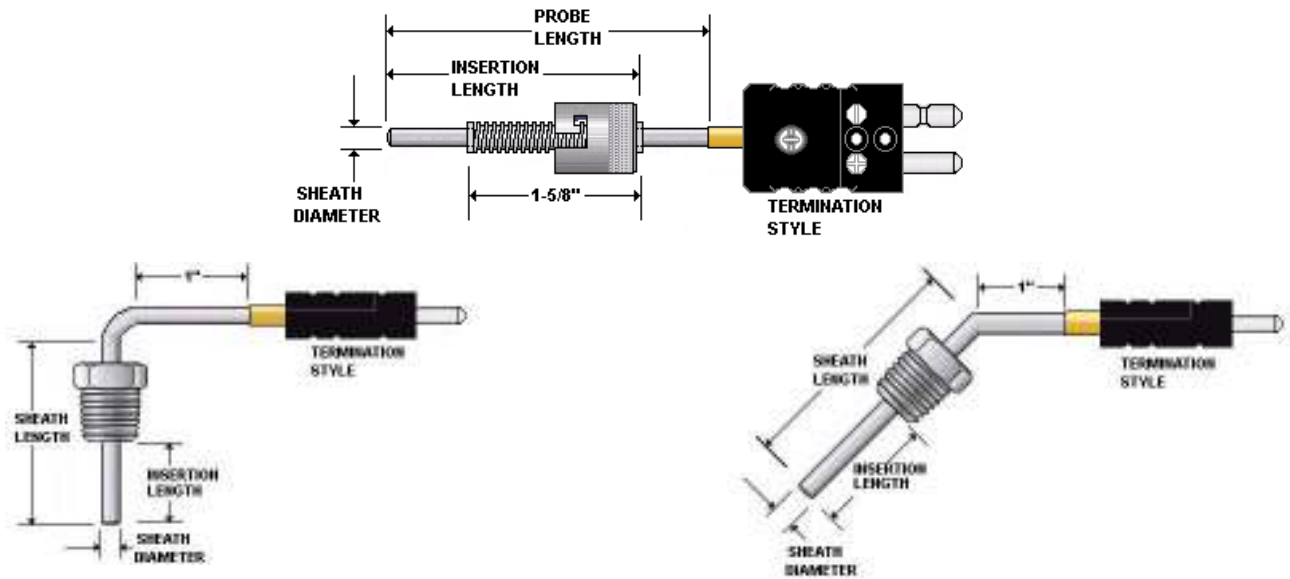
See next page for optional attached fittings & special features (Fields 9,10,11, & 12)

- These are not Mineral Insulated probes. For MGO see TM1 series

SOUTHWEST HEATER AND CONTROLS

Style TB3

Rigid Tube and Wire Thermocouple - Attached Fittings and Special Features



Ordering Information Part Number

Continue part number from
previous page

⑩ Special Features	⑪ Attached Fitting	⑫ Insertion Length (whole in.)	⑬ Insertion Length (Frac.in.)

⑩	Special features (Optional)
Note	Leave blank for no special features
04	Flat tip probe
05	Drill point tip
09	Mating connector
18	Moisture protection boot on connector
24	FEP Fluoropolymer covered probe (400°F)
25	Free spinning fitting (held on probe by a crimp ring)
26	Connector mounted with tube adapter
29	Silver soldered thermocouple junction

⑪	Attached Fitting type (optional)
Note	Leave blank for no attached fitting
F01	1/8"npt single thread
F02	1/4"npt single thread
F03	3/8"npt single thread
F04	1/2"npt single thread
F05	3/4"npt single thread
F06	1/2"npt x 1/2"npt double thread
F07	1/2"npt double thread. Spring loaded
F08	1/2"npt x 1/2"npt double thread. Spring loaded w/oil seal
F09	1/2"npt x 3/4"npt double thread
F10	3/4"npt x 3/4"npt double thread
F11	Fixed 7/16" iD single slot bayonet cap assembly
F14	1/2"npt x 1"npt double thread
F15	1"npt single thread
F16	Adjustable 7/16"ID bayonet cap fitting (1/8"OD & 3mm OD)
F17	Adjustable 12.5mm ID double slot bayonet cap fitting (1/8"OD & 3mm OD)
F18	1/8"npt compression fitting (Brass)
F19	1/8"npt compression fitting (Stainless steel)
F20	1/4"npt compression fitting (Brass)
F21	1/4"npt compression fitting (Stainless steel)
F28	1" circular mounting flange
Note	For other fittings not shown contact factory

⑫	Insertion Length (in.) (optional)
001"-050"	Specify in Inches

⑬	Insertion Length (fractional in.)
A	0
B	1/8"
C	1/4"
D	3/8"
E	1/2"
F	5/8"
G	3/4"
H	7/8"

SOUTHWEST HEATER AND CONTROLS

Main# 214-340-7500

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