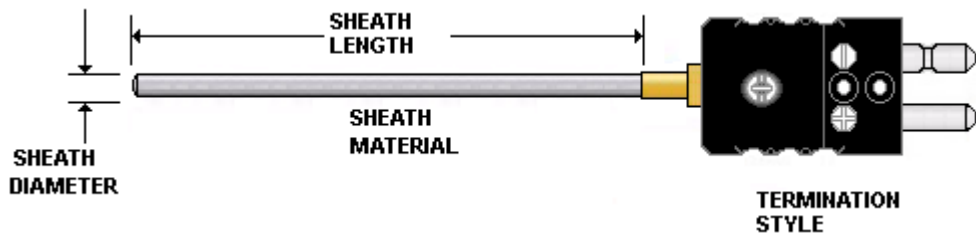


Style TM1

Rigid mineral insulated thermocouple



Ordering Information Part Number

Optional

① TM1	② Calibration	③ Sheath Diameter	④ Sheath Material	⑤ Sheath Length (whole In.)	⑥ Sheath Length (fractional In.)	⑦ Junction	⑧ Termination Style	⑨ Special Features	⑩ Attached Fitting	⑪ Insertion Length (whole in.)	⑫ Insertion Length (Frac.in.)
TM1											

② Calibration	
J	Type J
K	Type K
T	Type T
E	Type E
W	Type J (special limits)
X	Type K (special limits)
Y	Type T (special limits)
Z	Type E (special limits)

④ Sheath Material	
F	304 SS
H	316 SS
M	INCONEL (600)
N	446 SS
P	310 SS
Q	Hastelloy X
R	Pyrosil D

⑤ Sheath Length	
001"-360"	Specify in Inches
Note	Over 360" contact factory

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 Junction	
G	Grounded (Single)
U	Ungrounded (Single)
E	Exposed (Single)
R	Exposed & Recessed (Single)
W	Grounded (Dual)
X	Ungrounded & Isolated (Dual)
Y	Ungrounded Common (Dual)
Z	Exposed & Isolated (Dual)
Note	Ungrounded & Isolated (option "X") only available in .188"OD & larger

⑧ Termination style	
C	Standard male plug (400°F)
D	High temp male Plug (660°F)
E	Max temp male Plug (800°F)
F	Ceramic male plug (1200°F)
G	Solid pin 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 plug w/ ground wire (400°F)
P	Dual molded male plug (400°F)
Z	Dual molded female jack (400°F)
R	High temp female jack (660°F)
S	Max temp female jack (800°F)
T	Ceramic female jack (1200°F)

⑨ Special features (optional)	
Note	See next page

⑩ Attached Fitting (optional)	
Note	See next page

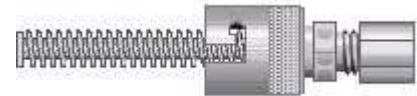
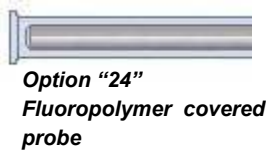
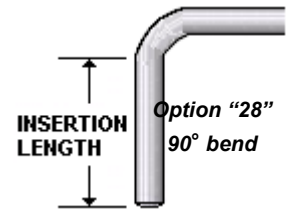
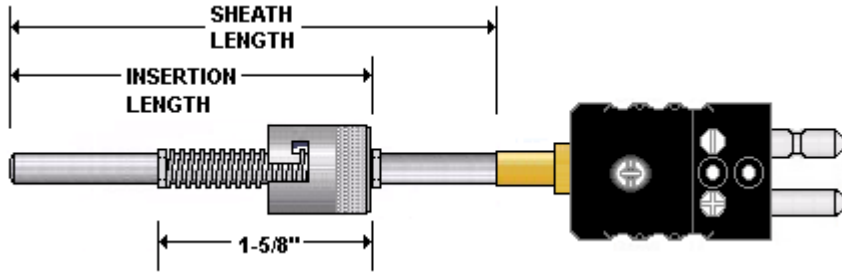
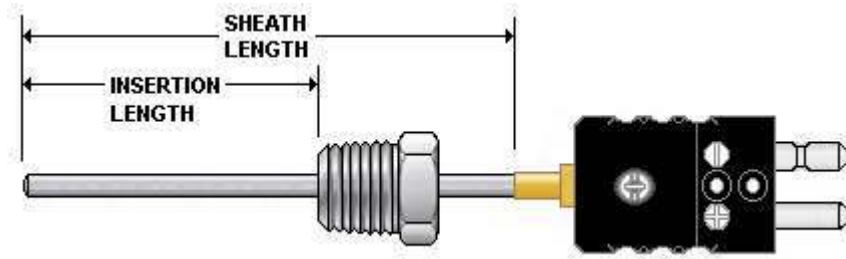
⑪ Insertion length (whole in.)	
Note	See next page

⑫ Insertion Length (frac.in.)	
Note	See next page

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

SOUTHWEST HEATER AND CONTROLS

SPECIAL FEATURES AND OPTIONS Page



Continue part number from previous page

Ordering Information Part Number

⑨ Special Features	⑩ Attached Fitting	⑪ Insertion Length (whole in.)	⑫ Insertion Length (Frac.in.)

⑨	Special features (Optional)
Note	<i>Leave blank for no special features</i>
04	Flat tip probe
05	Drill point tip
09	Mating connector
18	Moisture protection boot on connector
24	Fluoropolymer covered probe
25	Free spinning fitting (held on probe by a crimp ring)
26	Connector mounted with tube adapter
28	90 degree bend
30	45 Degree bend
39	Two connectors mounted with tube adapter

⑩	Attached Fitting type (optional)
Note	<i>Leave blank for no attached fitting</i>
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 bayonet cap assembly (on probe) (1/8"OD, 3mmOD & 3/16"OD)
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)
F22	1/2"npt compression fitting (Brass)
F23	1/2"npt compression fitting (Stainless steel)
F28	1" circular mounting flange
Note	<i>For other fittings not shown contact factory</i>

⑪	Insertion Length (in.) (optional)
001"-144"	Specify in Inches
Note	<i>See pg. 61 for attached fitting illustrations</i>

⑫	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