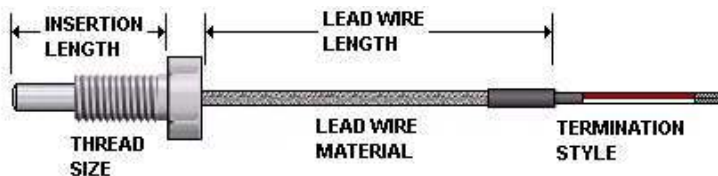


Style TF1 Threaded bolt Thermocouple



Ordering Information Part Number

① TF1	② Calibration	③ Thread Size	④ Insertion Length (in.)	⑤ Junction	⑥ Lead Wire Material	⑦ Lead Wire Length (Inches)	⑧ Termination Style
TF1							

Optional

⑨ Special Features

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

⑤ Junction	Junction
G	Grounded (standard)
U	Ungrounded

⑧ Termination style	Termination style
A	2" stripped leads (bare ends)
B	2" stripped leads w/ spade lugs
C	Standard male plug (400°F)
D	High temp male Plug (660°F)
E	Max temp male Plug (800°F)
G	Solid pin plug (400°F)
H	Standard female jack (400°F)
J	Miniature plug (400°F)
K	Miniature jack (400°F)
L	2" stripped leads w/#6 Ring terminals
M	2 Standard male plugs (dual junctions) (400°F)
N	Standard 3 pin plug w/ ground wire (400°F)
W	2" stripped leads w/ pin terminals
Q	2" stripped leads w/ wire ferrules
X	Extra long lead wire length (beyond 2" stripped leads) <i>(specify extra long lead wire length below)</i>
006"-240"	006"-240" Specify in Inches

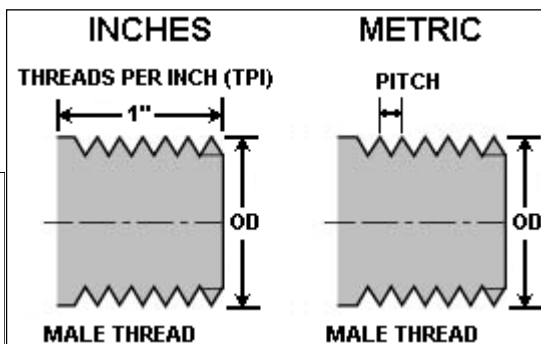
③ Thread size	Thread size
A	1/4-28 (standard)
B	1/4-20
C	10-32 (Grounded only)
D	8-32 (Grounded only)
E	M5 X 0.8 pitch
F	M6 x 1 pitch
G	M8 x 1 pitch
H	M8 x 1.25 pitch
J	M10 x 1 pitch
K	M10 x 1.25 pitch
P	M10 x 1.5 pitch
R	M12 x 1.25 pitch
S	M12 x 1.5 pitch
W	M12 x 1.75 pitch
X	1/2-20

⑥ Lead wire material	Lead wire material
A	Fiberglass (800°F)
B	Fluoropolymer (400°F)
C	Polyimide (500°F)
E	High temperature fiberglass (1200°F)
F	Fiberglass with stainless steel braid (800°F) (standard)
G	Fluoropolymer with stainless steel braid (400°F)
H	Fiberglass with armor cable (800°F)
J	Fluoropolymer with armor cable (400°F)
K	Polyimide with armor cable (500°F)
L	High temperature fiberglass with armor cable (1200°F)
M	Fiberglass with stainless steel braid with armor cable (800°F)
W	Fluoropolymer with stainless steel braid with armor cable (400°F)
Note	Wire gauge based on sheath diameter

⑦ Lead wire length	Lead wire length
006"-600"	Specify in Inches
Note	Over 600" contact factory

⑨ Special features (Optional)	Special features (Optional)
Note	Leave blank for no special features
01	Solid conductor (Lead wire)
02	1.5" long strain relief spring
03	1.5" long heat shrink where wire exits the probe
04	Flat tip probe
05	Drill point tip
06	Epoxy seal (500°F)
07	Cable clamp
08	Bx Connector
09	Mating connector
11	International IEC 584-3 color coded leads
12	British color coded leads
13	German color coded leads
14	Japanese color coded leads
15	Reverse polarity color coded leads
16	French color coded leads
18	Moisture protection boot on connector
29	Silver soldered thermocouple junction
32	1/4-28 bolt w/ 5/16" hex (small hex)
33	1/4-28 bolt w/ 7/8" long thread (7/16" hex)
35	Spring loaded bolt

④ Insertion Length (in.)	Insertion Length (in.)
T	3/8"
W	1/2" (standard)
X	5/8"
Y	3/4"
P	7/8"
Z	1"
Q	1-1/8"



EXAMPLE:

Inches

1/4-28 bolt = 1/4"OD thread x 28 TPI

Metric

M12 x 1.25 pitch = 12mm OD thread x 1.25mm peak to peak

- 20 AWG stranded wire comes standard on nozzle bolt type thermocouples
- Bolt is free spinning on standard designs
- For custom thread lengths consult factory

SOUTHWEST HEATER AND CONTROLS

Main# 214-340-7500

Toll Free#: 800-687-2220

EMAIL: sales@swhc.com

WEB: www.swhc.com