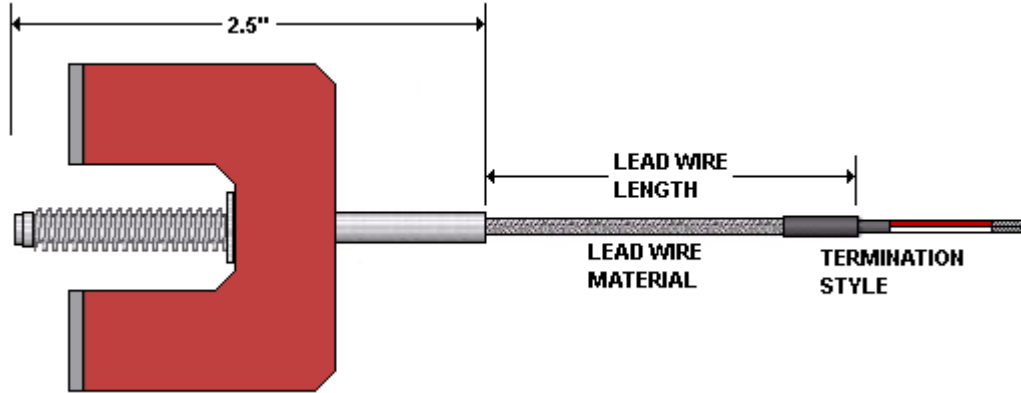


# Style TJ1 Magnet Mount Thermocouple



## Ordering Information Part Number

① TJ1	② Calibration	③ Magnet Type	④ Sheath Configuration	⑤ Junction	⑥ Lead wire material	⑦ Lead wire Length (In.)	⑧ Termination Style	⑨ Special Features
TJ1		L						

## Optional

②	Calibration
J	Type J
K	Type K
T	Type T
E	Type E

③	Magnet Type
L	25 LB pull

④	Sheath Configuration
W	Straight (standard)
X	90 degree bend
Y	45 degree bend

⑤	Junction
G	Grounded (standard)
U	Ungrounded
W	Grounded (Dual Junction)
Y	Ungrounded (Dual Junction)

⑥	Lead wire material
A	Fiberglass (800°F)
B	Fluoropolymer (400°F)
C	Polyimide (500°F)
F	Fiberglass with stainless steel braid (800°F)
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)
W	Fluoropolymer with stainless steel braid with armor cable (400°F)
Note	Wire gauge based on sheath diameter

⑦	Lead wire length
016"-600"	Specify in Inches (2.5" Standard)
Note	Over 600" contact factory

⑧	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)
M	2 Standard male plugs (dual junctions) (400°F)
N	Standard 3 pin plug w/ ground wire (400°F)
P	Dual molded male plug (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) (specify extra long lead wire length below)
006"-240"	006"-240" Specify in Inches

⑨	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
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
18	Moisture protection boot on connector

- 20 AWG stranded wire comes standard on magnetic thermocouples
- Standard magnet has 25 lb pull
- For other configurations contact factory
- Thermocouple is spring loaded and has a flat tip to ensure good surface measurement

## SOUTHWEST HEATER AND CONTROLS