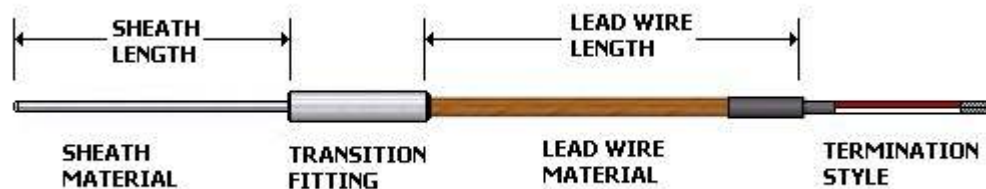


# THR1 Series - Hot Runner Style Thermocouple



## Ordering Information

### Part Number

① THR1	② Calibration	③ Sheath Diameter	④ Sheath Material	⑤ Sheath Length (whole in.)	⑥ Sheath Length (Frac.in.)	⑦ Junction	⑧ Transition fitting	⑨ Lead wire material	⑩ Lead wire Length (in.)	⑪ Termination Style
THR1										

② Calibration	
J	Type J
K	Type K

③ Sheath Diameter	
A	.032" (0.8mm)
B	.040" (1mm)
C	.059" (1.5mm)
D	.062" (1.6mm) (1/16")
E	.079" (2mm)
F	.092" (2.3mm)
G	.118" (3mm)
Note	<i>Sizes for reference only (standard tolerances apply)</i>
Note	<i>For other diameters consult factory</i>

④ Sheath Material	
F	304 SS
H	316 SS
M	INCONEL (600)

⑤ Sheath Length (whole in.)	
001"-024"	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 Junction	
G	Grounded (Single)
U	Ungrounded (Single)

⑧ Transition Fitting	
2	1/4"OD X 1.25" w/ spring
3	3/16"OD X 1" w/ spring
5	1/4"OD X 1.25" (no spring)
6	3/16"OD X 1" (no spring)
Note	<i>500°F epoxy standard</i>

⑨ Lead wire material	
A	Fiberglass (800°F)
B	Fluoropolymer (400°F)
C	Polyimide (500°F)
Note	<b>Wire is 24 gauge stranded</b>

⑩ Lead wire length (in.)	
006-600"	Specify in Inches
Note	<b>Over 600" contact factory</b>

⑪ Termination style	
A	2" stripped leads (bare ends)
B	2 "stripped leads w/ spade lugs
C	Standard male plug (400°F )
H	Standard female jack (400°F )
J	Miniature plug (400°F )
K	Miniature jack (400°F )

**SOUTHWEST HEATER AND CONTROLS**

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