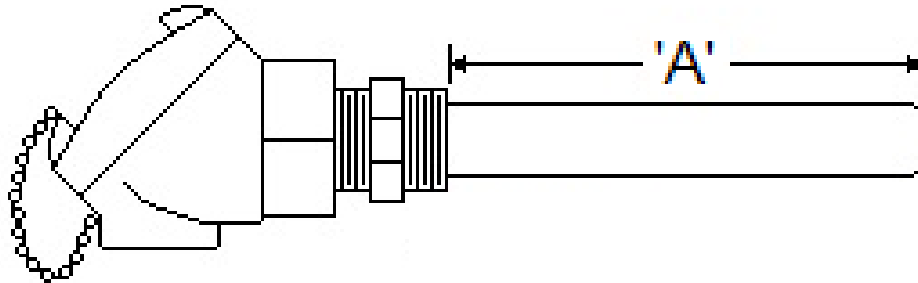


# NOBLE METAL THERMOCOUPLES

## Thermocouple Ordering Information



**Part #:** HTI-----------

Calibration (Table 1)	Junction (Table 2)	Sheath Diameter (Table 3)	'A' Length (inches) (Table 4)	Sheath Material (Table 4)	Process Fitting (Table 5)	Connection Head (Table 6)
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**Note:**

All Noble Metal Assemblies are provided with Reference-Grade conductors.

**NOTE:** Dual Element Style is notated as with a '2' Prefix

**NOTE:** For any additional modifications to this assembly, add "-MOD" to the end of the part number and provide a physical description of the modification.

**Table 1**  
Calibration

P/N	Description
B	Type 'B'
C	Type 'C'
R	Type 'R'
S	Type 'S'

**Table 2**  
Junction

P/N	Description
E	Exposed
EE	Dual Exposed
G	Grounded
GG	Dual Grounded
U	Ungrounded
UU	Uncommon-Ungrounded

**Table 3**  
Sheath Diameter

P/N	Description
125	.125 inches
188	.188 inches
250	.250 inches
313	.313 inches
375	.375 inches
500	.500 inches
XXX	Special

**Table 4**  
Sheath Material

P/N	Description
1	Alloy 600
2	304 S.S.
3	316S.S.
4	310S.S.
5	321 S.S.
6	446 S.S.
7	Molybdenum
8	Alumina
X	Special

**Table 5**  
Process Fitting

P/N	Description
A	1/4" NPT
B	3/8" NPT
C	1/2" NPT
D	3/4" NPT
E	1" NPT
F	1 1/4" NPT
G	1 1/2" NPT
H	None
X	Special

**Table 6**  
Connection Head

P/N	Description
A	Cast Aluminum
B	Miniature Aluminum
C	Cast Iron
D	Stainless Steel
E	Polypropylene
F	Miniature Plastic
G	Explosion-proof
H	Canister Style
X	Special

**Example:**

**Single Element      HTI-S-U-250-24-1-C-A**

Noble Metal Assy. Type 'S', ungrounded junction, .250" OD, Inconel sheath, 24" active length, 1/2" NPT process threads, cast aluminum head.

**Dual Element:      2HTI-S-UU-250-24-1-C-A**

Noble Metal Assy. Type 'S', uncommon-grounded junctions, .250" OD, Inconel sheath, 24" active length, 1/2" NPT process threads, cast aluminum head.



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