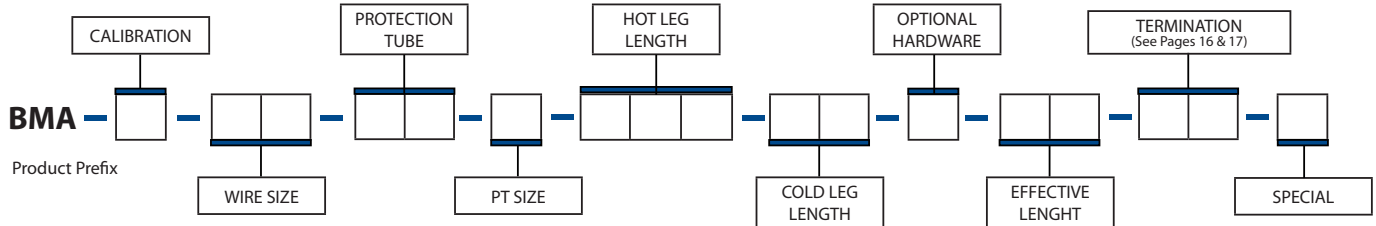


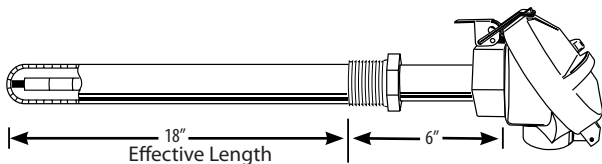
# Base Metal Thermocouples

## Base Metal Assemblies (BMA)

- Industrial base metal elements and assemblies designed for the most severe environments
- Styles selected by temperature range, ambient atmosphere, and media conditions
- Select sizes and configurations based upon application requirements
- Select by the need for accuracy and speed of response



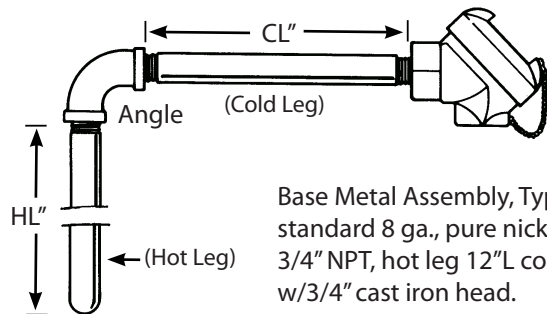
CALIBRATION	WIRE SIZE	PROTECTION TUBE	P/T SIZE	HOT LEG LENGTH	COLD LEG LENGTH	OPTIONAL HARDWARE	EFFECTIVE LENGTH	SPECIAL
J-Iron-Constantan K-Chromel-Alumel T-Copper-Constantan E-Chromel-Constantan N-Nicrosil-Nisil M-Ni-Ni Moly**	08- 8 AWG 11-11 AWG 14-14 AWG 16-16 AWG 20-20 AWG	15-446 SS 16-Pure Nickel 17-Inconel 18-304 SS 19-310 SS 20-316 SS 21-Silicon Carbide 22-Mullite 23-Alumina 24-Metal Ceramic 25-Carbon Steel 26-Tercod 27-Cast Alloy 28-Cast-Iron w/Tap 29-330 SS 30-Hexaloy 31-Cast-T 32-Refractory Coated 33-Incoloy 800 34-Hastelloy C 276	A-1/4" NPT B-1/2" NPT C-3/4" NPT D-1" NPT E-1-3/4" OD F-3/8" OD G-11/16" OD H-3/4" OD I-7/8" OD J-1" OD K-1/8" NPT L-3/8" NPT M-1/2" OD N-7mm P-1/4" OD	Specify from 00" to 999"	Specify from 00" to 99"	O-None A-Adjustable Flange B-1/4" NPT Fix Hex St.Mt.Bush C-1/2" NPT Fix Hex St.Mt.Bush D-3/4" NPT Fix Hex St.Mt.Bush E-1" NPT Fix Hex St.Mt.Bush F-1-1/4" NPT Fix Hex St.Mt.Bush G-1-1/2" NPT Fix Hex St.Mt.Bush H-1/4" NPT Fix Hex St.St. J-1/2" NPT Fix Hex St.St. K-3/4" NPT Fix Hex St.St. L-1" NPT Fix Hex St.St. M-1-1/4" NPT Fix Hex St.St. N-1-1/2" NPT Fix Hex St.St. P-Hot Junction Cup Q-Tapered Plug R-1/2 x 3/4" St. Hex Fitting S-3/4 x 1" St. Hex Fitting T-6" Alloy Sleeve U-6" Carbon Steel Sleeve W-1/2"-Hex-1/2" Y-3/4"-Hex-3/4" Z-3/4" x 1-1/4" Hex Fitting 3-3/4" X 1-1/2" Hex Fitting 2-3/4 x Close Nipple	Specify from 00" to 99"	O-None A-Ajax Bend * See drawing in appendix B-Open Both Ends C-Lot Certification D-Dual Element E-Individual Cert. H-SCH 80 2-Dual/Lot Certified 3-Butt Weld/Lot Certified 4-Dual Butt Weld/Lot Certified X-Special (Consult Factory)



Base Metal Assembly, Type K standard 8 ga., Inconel PT 3/4" NPT, 24" L w/1" NPT bushing for 18" effective, 3/4" snap cover head.

### Example Ordering Number

BMA K-08-17-C-024-00-E-18-S4-0



Base Metal Assembly, Type K standard 8 ga., pure nickel tube, 3/4" NPT, hot leg 12" L cold leg 24" L w/3/4" cast iron head.

### Example Ordering Number

BMA K-08-16-C-012-24-O-00-C4-0