

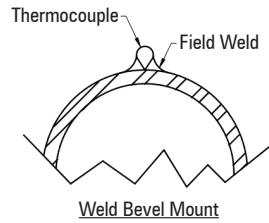
Tubeskin Thermocouples - Type 1510

To order: Indicate the code letter or value for each requirement.

Head Type	Sensor Type	Calibration	OD	Junction	Sheath Length	Sheath Material	Lead Length	Lead Wire	Pipe Size NPT	Pad Mounting	Options
	1510				(inches)		(inches)				

HEAD TYPE

- 0 No Head
- CA Cast Aluminum
- CI Cast Iron
- CSS Cast Stainless Steel
- PPS Polypropylene Sanitary
- FTA Flip Top Aluminum
- FTP Flip Top Poly (white)
- EPA Explosion Proof Aluminum
- EPAA Explosion Proof Aluminum Atex
- EPS Explosion Proof Stainless Steel
- EHA Explosion Proof Aluminum
- EHI Explosion Proof Iron



SENSOR

Sensor Calibration

- J Iron Constantan®
- K Chromel® Alumel®
- T Copper Constantan®
- E Chromel® Constantan®
- N Nicrosil® Nisil®

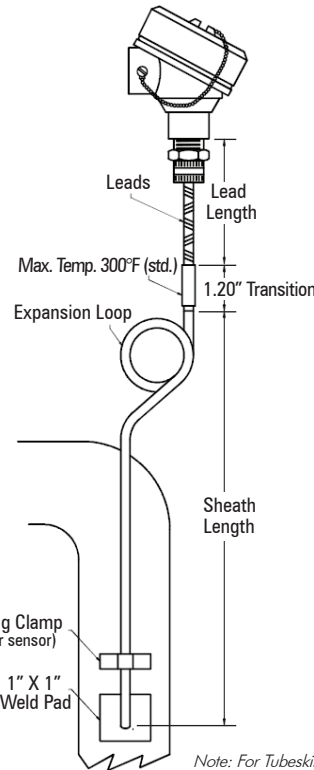
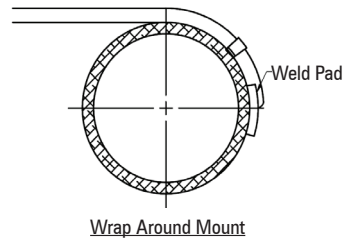
For special limits on thermocouples, repeat calibration code, i.e. JJ.

Sensor OD

- 18 1/8"
- 316 3/16"
- 14 1/4"
- 516 5/16"
- 38 3/8"

Sensor Junction

- G Grounded
- U Ungrounded
- DG Dual Grounded
- DU Dual Ungrounded



Sensor Sheath Materials

- P 304SS
 - R 316SS
 - Q 310SS
 - A Alloy 600
- Standard Sheath Material is 316SS.

Lead Wire

- F Fiberglass
- T Teflon®
- P PVC

PIPE MOUNTING

- P Parallel
- W Wrap Around
- BP Weld Bevel - Parallel
- BW Weld Bevel - Wrap Around
- F Flat

OPTIONS

- A Armor (Stainless Steel)
- AP Armor with PVC Jacket
- BS Bell Spring Transition Relief
- CG12 Weathertight Fitting 1/2" NPT
- CT Compensated Terminals (EHA/EHI heads only)
- EL Expansion Loop
- HS Heat Shield
- SB Stainless Steel Overbraid
- SS18 Adj SS Comp Fitting 1/8" NPT*
- SS14 Adj SS Comp Fitting 1/4" NPT*
- SS12 Adj SS Comp Fitting 1/2" NPT*
- ST Smooth Transition

*Add T after SS for Teflon® Ferrule

Note: For Tubeskins with Expansion Loops please provide sketch showing:
1. A) Number of loops, B) Location, C) OD of loops

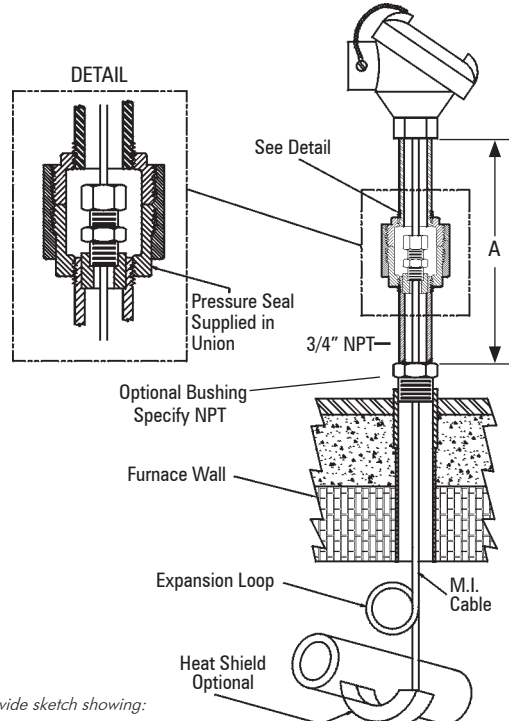
Tubeskin Thermocouples - Type 1520

To order: Indicate the code letter or value for each requirement.

Head Type	Sensor Type	Extension	A Length	Calibration	OD	Junction	Sheath Length	Sheath Material	Pipe Size NPT	Pad Mounting	Options
	1520		(inches)				(below bushing)	(inches)			

HEAD TYPE

- 0 No Head
- CA Cast Aluminum
- CI Cast Iron
- CSS Cast Stainless Steel
- PPS Polypropylene Sanitary
- FTA Flip Top Aluminum
- FTP Flip Top Poly (white)
- EPA Explosion Proof Aluminum
- EPAA Explosion Proof Aluminum Atex
- EPS Explosion Proof Stainless Steel
- EHA Explosion Proof Aluminum
- EHI Explosion Proof Iron



SENSOR

Sensor Calibration

- J Iron Constantan®
- K Chromel® Alumel®
- T Copper Constantan®
- E Chromel® Constantan®
- N Nicrosil® Nisil®

For special limits on thermocouples, repeat calibration code, i.e. JJ.

Sensor OD

- 18 1/8"
- 316 3/16"
- 14 1/4"
- 516 5/16"
- 38 3/8"

Sensor Junction

- G Grounded
- U Ungrounded
- DG Dual Grounded
- DU Dual Ungrounded

Sensor Sheath Materials

- P 304SS
 - R 316SS
 - Q 310SS
 - A Alloy 600
- Standard Sheath Material is 316SS.

PIPE MOUNTING (See 1510 section for illustration)

- P Parallel
- W Wrap Around
- BP Weld Bevel - Parallel
- BW Weld Bevel - Wrap Around
- F Flat

OPTIONS

- BN Process Connection NPT (NPT SIZE)
- CT Compensated Terminals (EHA/EHI heads only)
- EL Expansion Loop
- HS Heat Shield

Note: For Tubeskins with Expansion Loops please provide sketch showing:
1. A) Number of loops, B) Location, C) OD of loops