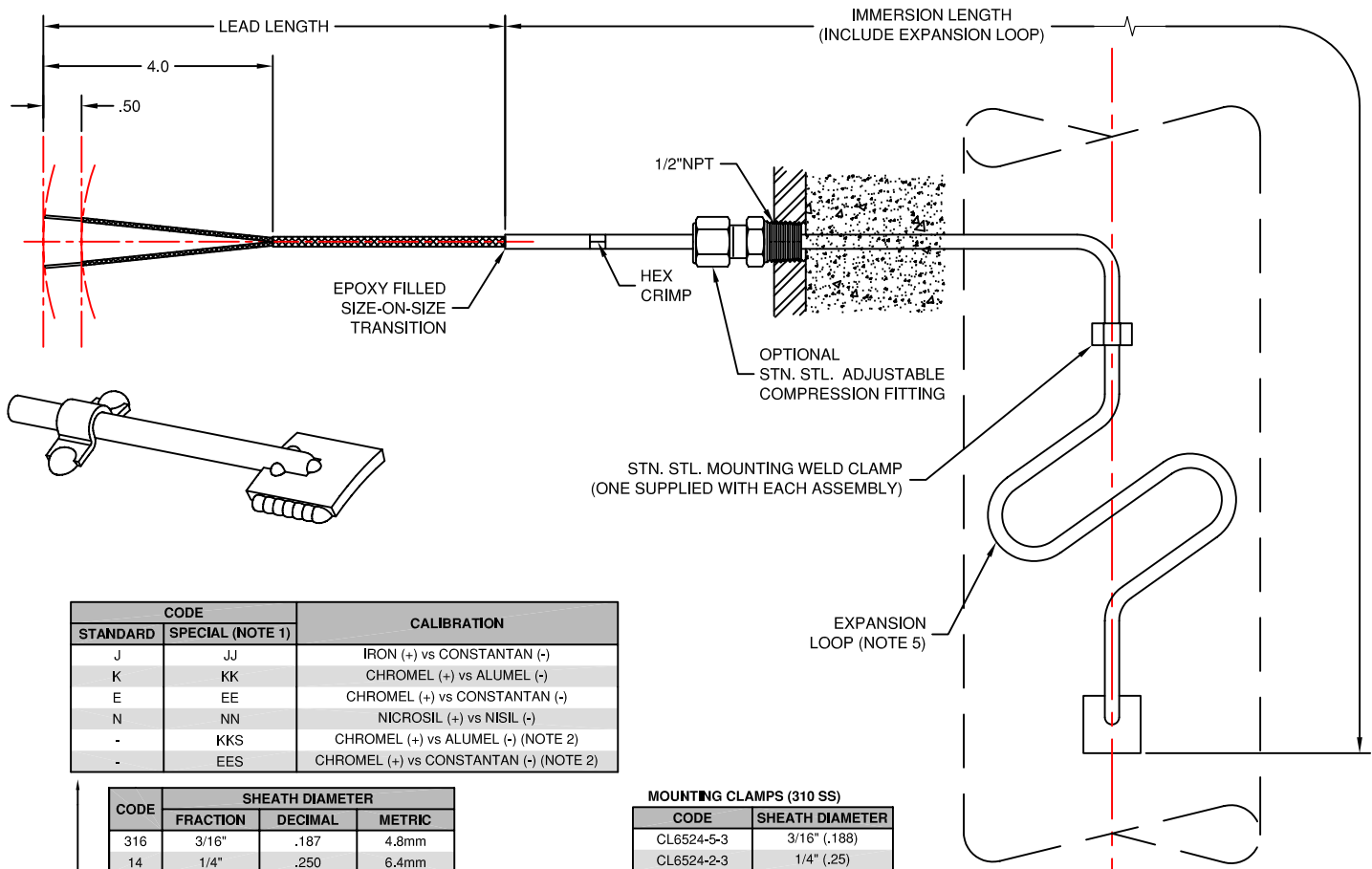


INDUSTRIAL THERMOCOUPLES



CODE		CALIBRATION
STANDARD	SPECIAL (NOTE 1)	
J	JJ	IRON (+) vs CONSTANTAN (-)
K	KK	CHROMEL (+) vs ALUMEL (-)
E	EE	CHROMEL (+) vs CONSTANTAN (-)
N	NN	NICROSIL (+) vs NISIL (-)
-	KKS	CHROMEL (+) vs ALUMEL (-) (NOTE 2)
-	EES	CHROMEL (+) vs CONSTANTAN (-) (NOTE 2)

CODE	SHEATH DIAMETER		
	FRACTION	DECIMAL	METRIC
316	3/16"	.187	4.8mm
14	1/4"	.250	6.4mm
38	3/8"	.375	9.5mm

MOUNTING CLAMPS (310 SS)	
CODE	SHEATH DIAMETER
CL6524-5-3	3/16" (.188)
CL6524-2-3	1/4" (.25)
CL6524-3-3	3/8" (.375)

MEASURING JUNCTION	
G	SINGLE GROUNDED, GROUNDED TO SHEATH
U	SINGLE UNGROUNDED, ISOLATED FROM SHEATH
DG	DUPLEX GROUNDED, GROUNDED TO SHEATH
DU	DUPLEX UNGROUNDED, ISOLATED FROM SHEATH

CODE	ELEMENT SHEATH MATERIAL	STANDARD CALIBRATIONS (NOTE 3)
P	304 STN. STL.	J, K, T
R	316 STN. STL.	J, K, T, E, N
Q	310 STN. STL.	J, K, E
J	INCONEL 600	K, N, KKS, EES (NOTE 2)

CODE	IMMERSION LENGTH
	(IN INCHES)

CODE	BEND RADIUS
R	RIGHT ANGLE
L	LONGITUDINAL
FLAT	FLAT SURFACE

TSC-1 - [] - [] - [] - [] - [] - [] - [] - [] - [] - []
 K - 14 - G - R - 60 - L 12 - 36 - GGS

CODE	PIPE DIAMETER
	(IN INCHES)

CODE	LEAD LENGTH
	(IN INCHES)

CODE	LEAD TYPE
GG	FIBERGLASS INSULATION & JACKETED
GGS	FIBERGLASS INSULATION & JACKETED WITH STN. STL. BRAID OVERALL

- Notes:
- (1) Meets or exceeds Special Initial Calibration Tolerances per ANSI MC96.1-1982 and ASTM E230-1993.
 - (2) KKS & EES denotes stabilized thermocouple and special tolerance.
 - (3) Contact factory for other calibration and sheath combinations.
 - (4) For an item that does not fall within the catalog description an (SP) can be added to the ordering code as part of a custom construction.
 - (5) Tube skins are normally shipped straight or coiled. Expansion loops or coils are available formed at factory to specification.

- Specifications
- (1) Lead Wire Standard 20 gauge stranded conductors.
 - (2) Weld pad of same material as sheath unless specified otherwise.
 - (3) Pad size, 1" by 1" by .13" thk.

