


**Special Features**

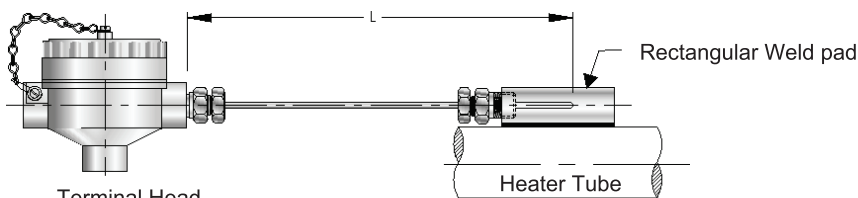
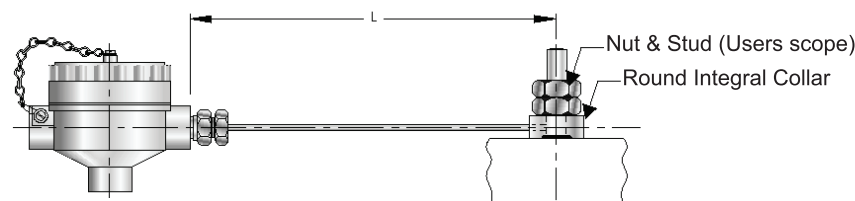
- Mineral insulated cable.
- Available in various sheath diameters
- Enclosures (Head)
  - Weatherproof IP - 67
  - Flameproof Gr. IIA, IIB
  - Explosion proof IIA, IIB, IIC
- Transmitter output 4 - 20 mA (Optional)
- Reference standard : IEC - 584.2 / ANSI MC - 96.1

**Application**

- This design is specifically used to measure skin temperature of heater tube or flat surface
- Our thermocouple assembly will be with weld pad which will be directly welded on heater tube or flat surface
- Curvature to weld pad will be provided as required by customer
- Typical applications are measurement of surface temperature of refractory lined vessels, columns, reactors in petrochemical plants and oil refineries and pipelines

**Specifications**
**Standard Version**

No of elements	: Simplex
Element type	: Chromel - Alumel (K type)
Accuracy	: Class 2 as per IEC - 584.2 / ANSI MC - 96.1
Hot junction type	: Ungrounded Junction
Sheath diameter	: 6.0 mm
Sheath material	: SS 316
Terminal head type	: Screwed type, weatherproof, IP-67 in Die Cast Aluminum
No of conduit entry	: One
Conduit entry size	: 3/4" ET(F)
Mounting type	: 'C' clamp
Weld pad size	: 50 x 25 x 25 mm
Weld pad material	: SS 316
Sheath length "L" below head	: 3000 mm
Tag plate	: SS tag plate

**Dimensional Details**

**Assy with Rectangular Weld Pad**

**Assy with Round Integral Collar**

Notes : • Drawings are not to scale. • All Dimensions are in mm.

