

TUBE-SKIN SENSORS

Tube skin sensors are designed for measuring the temperature of tube walls in chemical power and petroleum industries. Power houses use this type of thermocouple on boiler and superheater requirements. The measurements are used to determine the fatigue of the tube material. For tube skin thermocouples, JMS Southeast uses sheath material which allows for proper insulation, expansion loops, and easy installation. The weld pad should match the tube material and may be used in upper temperature ranges to 2100°F. The standard weld pad dimensions are 1" x 1" x 1/8" thickness. The removable weld pad dimensions are 1" x 2 1/4" x 1/8" thickness. The pads can be curved to fit the radius of your pipe.

On installation, we recommend attaching weld pads to a surface for good thermal conduction. Avoid any currents or still places of flow in your process.

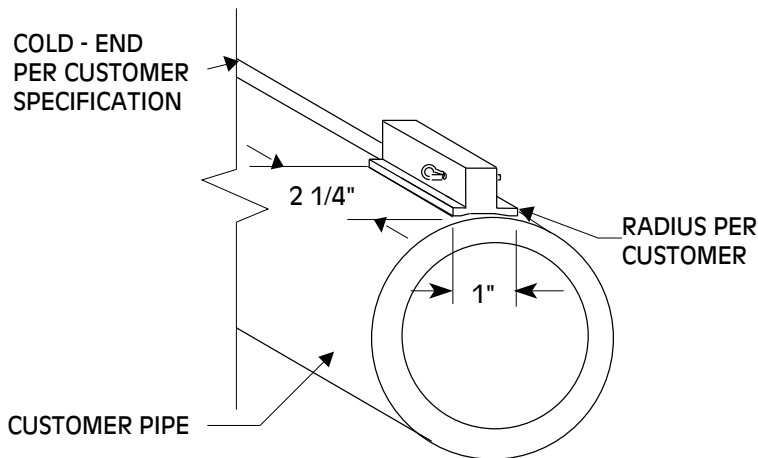
When mounting the tube skin through a furnace wall, insert the probe and mount it into the wall with a compression fitting, then slide another compression fitting onto the probe to secure the head to the cold end.

If this type of mounting is required, the extra compression fitting should be ordered as an accessory piece. The unit will be shipped with the head disassembled.

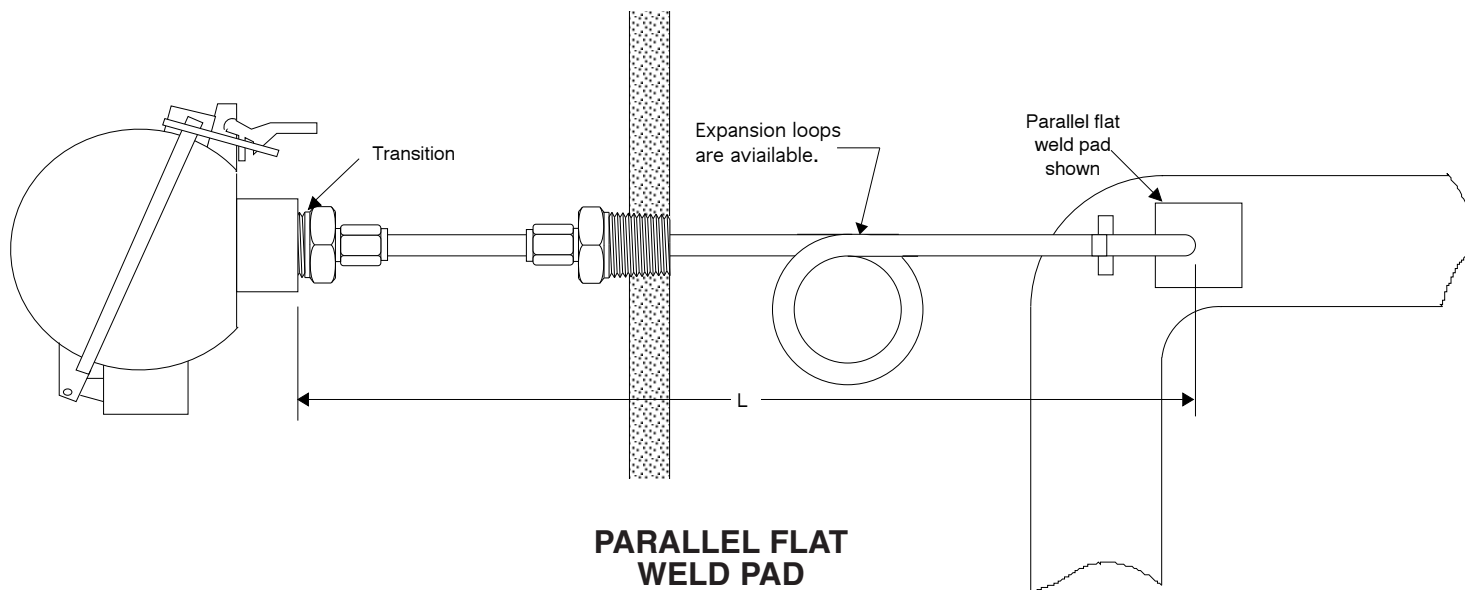
Any other mounting configuration can be specified by a drawing or in the part number description. These fitting options are listed in the ordering symbols below.

Note: Proprietary designs are available for removable tubeskin thermocouples. Call for assistance.

4, one hour sessions training video.
\$1200.00 - Call for information.



REMOVABLE WELD PAD



PARALLEL FLAT WELD PAD