

FT 3260 Flanged thermowell with Helical strikes

Thermowell

Design

Machined and drilled from bar stock with machined spiral finish. Reduces vibration and gives a better temperature reading with smaller tip diameters.

Final design according to:

ASME PTC19.3 TW2016

ASME Report nov. 2011, vol. 133/041102

Materials

SS316, SS310, SS321(H), SS347(H), Monel 400, Inconel 600, Hastelloy C276

Insert / Stem

Stepped

20 mm, reduced point L=78mm x d=12 mm

Straight

Standard diameter 22 mm, or to be specified

Bore

6.6mm standard, other diameters possible

Bottom thickness

5.0mm standard, other thicknesses possible

Conical

Diameter from 25 to 20 mm at the tip, or to be specified

Female connection

1/2" NPT, 3/4" NPT, 1/2" BSP, M20x1.5 or other threads possible

Flange

Flange Facing

Flat Face, Raised Face, Ring Type Joint, Tongue Face, or Groove Face

Flange weld

Full penetration, partial penetration or screwed flange seal welded

Standards

ASME B16.5, DIN 2526/2527, or EN 1092-1

Dimensions

Insertion length

To specify

Lagging

To specify, standard 60mm

Flange size

To specify

Flange rating

To specify

Flange facing

To specify

Options

Protective coatings such as HALAR, PFA, Ruby Red

Radiographic test (X-ray)

