

FT 3270 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, Other materials possible

Insert / Stem

Diameter

Standard diameter 22 mm, or to be specified

Bore

6.6mm standard, other diameters possible

Bottom thickness

5.0mm standard, other thicknesses possible

Instrument 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 barstock

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

Radiographic test (X-ray)



Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model	FT 3270							
"U" LENGTH IN MM								
"X" LENGTH IN MM								
HELICAL LENGTH IN MM								
Flange size								
Flange rating								
Flange facing								
Material								