

MAIN FEATURES

3 different shank styles
Solid bar-stock drilled design

SUGGESTED APPLICATIONS

Oil & Gas applications
Corrosive environments
Power & Steel industries
HVAC, Air filters & utilities
On-shore/Off-shore application



BAR-STOCK TYPE WELD-IN / SOCKET WELD THERMOWELLS

STANDARD DESCRIPTION

Design : ASME PTC 19.3: 2010
Well material : AISI 316 SS
Instrument connection : 1/2" NPTF
Process connection : Welded connection
Bore diameter : Ø7 mm
Tip thickness : 5 mm
Lagging extension : 50 mm
Head diameter : Ø27 mm

PRODUCT SPECIFICATION

STRAIGHT SHANK VERSION (TST)

Shank style : Straight
Root diameter : Ø16 mm
Insertion ("U") length : 250 mm
Total length : 300 mm

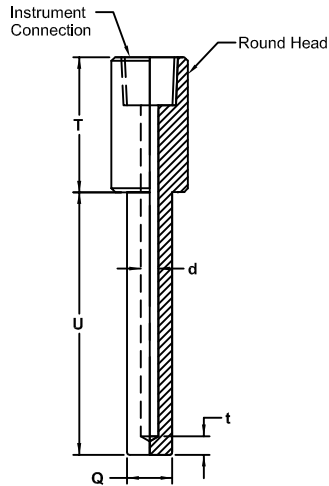
TAPER SHANK VERSION (TTT)

Shank style : Taper
Root diameter : Ø27 mm
Tip diameter : Ø18 mm
Insertion ("U") length : 250 mm
Total length : 300 mm

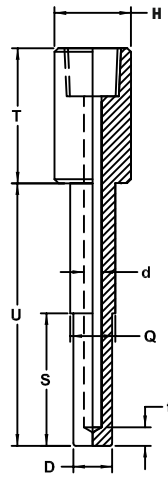
STEP SHANK VERSION (TSTE)

Shank style : Step
Root diameter : Ø21 mm
Tip diameter : Ø16 mm
Insertion ("U") length : 250 mm
Reduced tip length : 75 mm
Total length : 300 mm

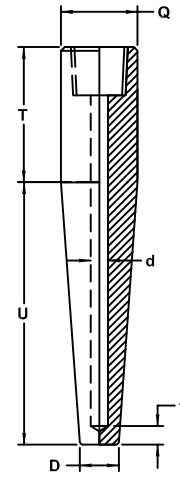
DIMENSIONAL DRAWINGS



Straight Thermowell



Step Thermowell



Taper Thermowell

MODEL CODING

MODEL	-	INSTRUMENT CONNECTION	/	HEAD DIAMETER	LAGGING EXTENSION	TIP THICKNESS	/
TST = Straight shank TTT= Taper shank TSTE = Step shank		F4N = 1/2" NPTF F4B = 1/2" BSPF F4M = M20 X 1.5 mm F5N = 3/4" NPTF F5B = 3/4" BSPF		H27 = 27 mm H30 = 30 mm H35 = 35 mm HXX = Customer specific	T50 = 50 mm TXX = Customer specific	t5 = 5 mm t6 = 6.35 mm t1 = 10 mm tx = Customer specific	

MAJOR DIAMETER	MINOR DIAMETER*	BORE DIAMETER	/	INSERTION LENGTH	STEP LENGTH	/
Q25 = 25 mm Q27 = 27 mm Q30 = 30 mm QXX = Customer specific or WFC calculated	D18 = 18 mm D22 = 22 mm D25 = 25 mm DXX = Customer specific or WFC calculated	d7 = 7 mm d9 = 9 mm d1 = 11 mm d4 = 14 mm dx = Customer specific or WFC calculated		UXX = Customer Specific or WFC calculated	SXX = Customer specific or WFC calculated	

WELL MATERIAL	/	OTHER OPTIONS
CST = ASTM A105 S04 = AISI 304 SS S10 = AISI 310 SS S16 = AISI 316 SS S6L = AISI 316L SS SSD = Duplex SS 2205 LF2 = ASTM A350 LF2	M40 = Alloy 400 N60 = Alloy 600 N62 = Alloy 625 N82 = Alloy 825 H76 = Hastelloy C-276 S46 = HRS 446 A20 = Alloy 20	(PC) Plug & chain in SS (EP) Electro polishing (MTC) Material test certificate 3.1 (DP) Dye penetration test (IGC) IGC test (HT) Hydro test certificate (IBR) IBR certification (MTC 2.2) Material test certificate 2.2 (CCN) Tested to NACE standards (OS) Certification for Oxygen service (PT) Performance test certificate (HS) Certification for Hydrogen service (WFC) WFC as per PTC 19.3TW:2010 (RW) Radiography for welding (RB) Radiography for bore concentricity (UT) Ultrasonic test

ORDERING EXAMPLE TW-TTT-S16.-F4N-M4N-H25-T50-t5-Q18-D16-d7

QUICK ORDER DETAILS / FEEDBACKS