

VAN-STONE THERMOWELL TGI33-5

APPLICATIONS

- Oil & Gas applications
- Corrosive environments
- On-shore/Off-shore application

FEATURES

- Van-stone design
- Single piece forged drilled OR
- Single piece bar-stock drilled
- Flange RF connection



VANSTONE THERMOWELL, TGI33-5

DESCRIPTION

General

Well design : ASME PTC 19.3 : 2010TW

Flange design : ANSI B16.5 / EN 1092-1 / BS-10

Storage temperature : -40...+65°C

Service temperature : As per material properties

Material of construction

Well : ASTM A105 / AISI 304 SS / AISI 316 SS / AISI 316L SS
Hastelloy C-276 / Inconel 625 / Monel

Standard version

Well form : Tapered

Well Material : AISI 316 SS

Instrument connection : 1/2" NPT (F)

Process connection : 1" Flange RF diameter

Flange facing type : Serrated Raised Face

Head type & size : Round - Ø48 mm

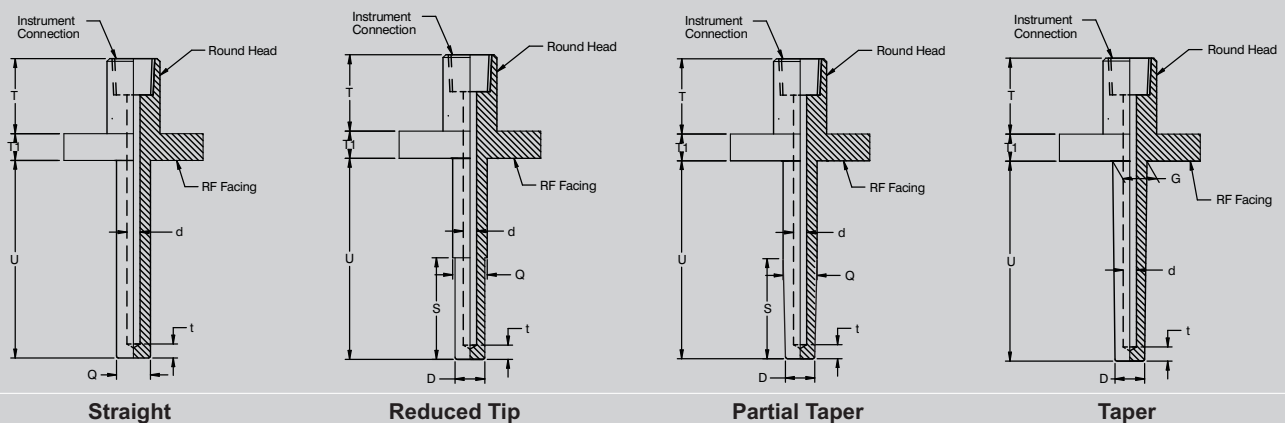
Lagging extension / Immersion length : 45 mm / 255 mm

Root / Tip diameter : 30.0 mm / 14.0 mm

Bore diameter : 6.6 mm

Tip thickness : 5 mm

GA DRAWING



VAN-STONE THERMOWELL

TGI33-5

ORDERING CODES					
MODEL					
TGI33-5 Van-stone thermowell					
WELL FORM					
R3	Straight	R4	Tapered	R5	Reduced tip
R6	Partial taper				
WELL MATERIAL					
S09	ASTM A105	S01	AISI 304 SS	S02	AISI 316 SS
S03	AISI 316L SS	S20	AISI 310 SS	S21	AISI 321 SS
S22	AISI 446 SS	S06	Inconel 600	S25	Alloy 800
S26	Alloy 800H	S10	Hastelloy C-276	S23	Inconel 625
S24	Inconel 825	S05	Monel		
INSTRUMENT CONNECTION					
P23	1/4" BSP (F)	P24	1/4" NPT (F)	P27	1/2" BSP (F)
P28	1/2" NPT (F)	P29	3/4" BSP (M)	P30	3/4" NPT (F)
P38	M10 X 1.0 mm (F)	P39	M14 X 1.25 mm (F)	P40	M20 X 1.5 mm (F)
PROCESS CONNECTION					
F1X	1" Flange RF diameter	F2X	1 1/2" Flange RF diameter	F3X	2" Flange RF diameter
FLANGE FACING					
G1	Serrated raised face	G2	Flat face	G3	Ring type joint face
G4	Tongue & Groove face				
HEAD TYPE & SIZE					
RXX	Round with XX mm diameter				
LAGGING EXTENSION					
XXX	35 mm to 350 mm				
IMMERSION LENGTH					
XXXXX	25 mm to 700 mm				
PARTIAL TAPER / REDUCED TIP LENGTH					
XXX	25 mm to 599 mm				
ROOT / TIP DIAMETERS					
XX/XX	30 mm / 14 mm, 32 mm / 16 mm, 32 mm / 18 mm, etc.				
BORE DIAMETER					
XX	6.6 mm, 7 mm, 8.5 mm, 10 mm, 11 mm, 13 mm				
TIP THICKNESS					
XX	5 mm to 30 mm				
OTHER OPTIONS					
E77	Plug & Chain in stainless steel	E17	Material test certificate 3.1	E21	Material test certificate 2.2

Ordering Example : TGI33-5.R4.S01.P28.F2X.G1.R48/045.00255.000/30-14/6.6/05/XXX