

FABRICATED THREADED THERMOWELL

ZIPL33-1

APPLICATIONS

- HVAC Industries
- Utilities
- Chemical plants
- Pharmaceutical
- Engineering plants

FEATURES

- Fabricated from pipe with a welded end cap
- Installed directly into the process with the help of threads
- Ideal for use in longer length tank & vessels
- Economic version



FABRICATED THREADED THERMOWELL, TGI33-1

DESCRIPTION

General

Thread design : ANSI B1.20.1 / BS EN ISO 228-1

Storage temperature : -40...+65°C

Service temperature : As per material properties

Weld joints : TIG argon arc welding

Material of construction

Head : ASTM A105 / AISI 304 SS / AISI 316 SS / AISI 316L SS

AISI 310 SS / AISI 321 SS / AISI 446 SS

Inconel 600 / Alloy 800 / Alloy 800H

Hastelloy C-276 / Inconel 625 / Inconel 825

Well : ASTM A105 / AISI 304 SS / AISI 316 SS / AISI 316L SS

AISI 310 SS / AISI 321 SS / AISI 446 SS

Inconel 600 / Alloy 800 / Alloy 800H

Hastelloy C-276 / Inconel 625 / Inconel 825

Standard version

Well form : Straight

Head material : AISI 316 SS

Well material : AISI 316 SS

Instrument connection: 1/2" NPT (F) / 1/2" BSP (F)

Process connection : 1/2" NPT (M) / 1/2" BSP (M)

Head type & size : Hex - 27 mm / Round with spanner slot - 27 mm

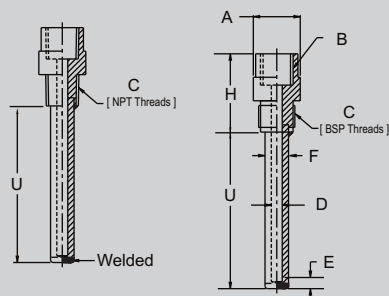
Well Tubes / Pipes : Tube Ø10 x 1.5 mm THK / 1/4" Sch 40

Lagging Extension : 50 mm

Immersion length : 50 mm up to 5000 mm

Tip thickness : 5 mm

GA DRAWING



- A - Finished Head Size
- B - Instrument Connection
- C - Process Connection
- F - Major Diameter (As per Pipe Schedule)
- D - Bore Diameter (As per Pipe Schedule)
- E - Tip Thickness
- U - Insertion Length
- H - Extension Length

FABRICATED THREADED THERMOWELL
ZIPL33-1



ORDRING CODES

MODEL						ZIPL33-1
ZIPL33-1 Fabricated threaded thermowell						
WELL FORM						R3
R3 Straight						
HEAD MATERIAL						S01
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				
WELL MATERIAL						S01
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						P28
P23 ¼" BSP (F)		P24 ¼" NPT (F)		P27 ½" BSP (F)		
P28 ½" NPT (F)		P29 ¾" BSP (M)		P30 ¾" 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						P08
P03 ¼" BSP (M)		P04 ¼" NPT (M)		P05 3/8" BSP (M)		
P06 3/8" NPT (M)		P07 ½" BSP (M)		P08 ½" NPT (M)		
P09 ¾" BSP (M)		P10 ¾" NPT (M)		P11 1" BSP (M)		
P12 1" NPT (M)		P13 1½" BSP (M)		P14 1½" NPT (M)		
P18 M10 X 1.0 mm (M)		P19 M14 X 1.25 mm (M)		P20 M20 X 1.5 mm (M)		
HEAD TYPE & SIZE						H25
HXX Hex with XX mm A/F		LXX Round with spanner slot and XX mm diameter				
WELL TYPE & SIZE						P2" Sch40
PXX Pipe type (pipe size & schedule)		TXX Tube type (pipe OD & thickness)				
LAGGING EXTENSION						050
XXX 35 mm to 350 mm						
IMMERSION LENGTH						00050
XXXXX 25 mm to 5000 mm						
TIP THICKNESS						05
XX 3 mm to 30 mm						
OTHER OPTIONS						XXX
E77 Plug & Chain in stainless steel		E17 Material test certificate 3.1		E21 Material test certificate 2.2		

Ordering Example : ZIPL33-1.R3.S01.S01.P28.P08.H25/P2" Sch 40/050.00050.05/XXX

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