

FEATURES

- Economical version
- Fabricated from pipe
- Flanged process connection

APPLICATION

- HVAC, Air filters & utilities
- Tanks & vessels

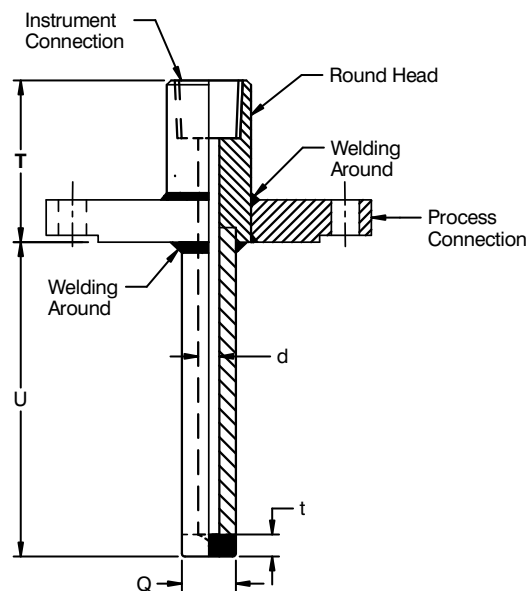
Fabricated



STANDARD SPECIFICATIONS

Shank form	:	Straight
Flange material	:	AISI 316 SS
Well material	:	AISI 316 SS
Instrument connection	:	1/2" NPT (F)
Well Tubes	:	Pipe 1/2" Sch 40
Lag extension	:	50 mm
Immersion length	:	300 mm
Tip thickness	:	5 mm
Process connection	:	1" 150# as per ANSI B16.5
Flange facing type	:	Raised face
Head type	:	Round
Head size	:	27 mm

DIMENSIONAL DRAWING



ORDERING CODES

1. SHANK FORM

S Straight

S

2. FLANGE MATERIAL

MB Carbon Steel / ASTM A105			
MC AISI 304SS	ME AISI 310 SS		
MF AISI 316 SS	MG AISI 316L SS		
MI AISI 321 SS	M6 AISI 446 SS		
MQ Inconel 600	MR Inconel 625		
MS Inconel 800	MT Inconel 825		
MO Hastelloy C-276			

MB

3. WELL MATERIAL

MB Carbon Steel / ASTM A105			
MC AISI 304SS	ME AISI 310 SS		
MF AISI 316 SS	MG AISI 316L SS		
MI AISI 321 SS	M6 AISI 446 SS		
MQ Inconel 600	MR Inconel 625		
MS Inconel 800	MT Inconel 825		
MO Hastelloy C-276			

MB

4. INSTRUMENT CONNECTION

02N 1/4" NPT (F)	04N 1/2" NPT (F)
05N 3/4" NPT (F)	06N 1" NPT (F)
02B 1/4" BSP (F)	04B 1/2" BSP (F)
05B 3/4" BSP (F)	06B 1" BSP (F)
04M M20 x 1.5 mm (F)	

02N

5. PROCESS CONNECTION

XXX Refer Flange Table for the codes

XXX

6. FLANGE FACING

F Flat Face
J Ring-Type Joint
R Raised Face

F

7. HEAD TYPE

R Round

R

8. HEAD SIZE

XX Mention in 'mm'

XX

9. LAG EXTENSION ("T")

XXX 35 mm up to 250 mm

XXX

10. WELL PIPES

U3 Pipe 3/8" Sch 40
U4 Pipe 3/8" Sch 80
U5 Pipe 1/2" Sch 40
U6 Pipe 1/2" Sch 80
U7 Pipe 3/4" Sch 40
U8 Pipe 3/4" Sch 80
UA Pipe 1/4" Sch 40
UB Pipe 1/4" Sch 80
UC Pipe 1/2" Sch 160
UD Pipe 3/4" Sch 160

U3

10. WELL TUBES OR

U1 Tube Ø10 x 1.5 mm THK
UL Tube Ø12 x 2.5 mm THK
UM Tube Ø14 x 2.5 mm THK
UN Tube Ø12 x 1.0 mm THK
UO Tube Ø14 x 1.0 mm THK
UP Tube Ø16 x 2.0 mm THK

U1

11. IMMERSION LENGTH ("U")

XXXX 50 mm up to 1000 mm

XXXX

12. TIP THICKNESS ("t")

M 5 mm
N 6.35 mm (1/4")
O 10 mm

M

13. OTHER OPTIONS

XI Plug & chain in SS
XL Marking by laser
XM Marking by engraving
TC Material test certificate 3.1
TD Dye penetration test
TH Hydro test certificate
TM Material test certificate 2.2
TO Certification for Oxygen service
TP Performance test certificate
TQ Certification for Hydrogen service

XM

Ordering Example : W103-S-MB-MB-02N-XXX-F-R-XX-XXX-U3-U1-XXXX-M-XM

NOTES:

1. Other diameters, connections are available, please contact factory for details.