

FEATURES

- Partial bar-stock
- Flanged process connection

APPLICATION

- Tanks & vessels

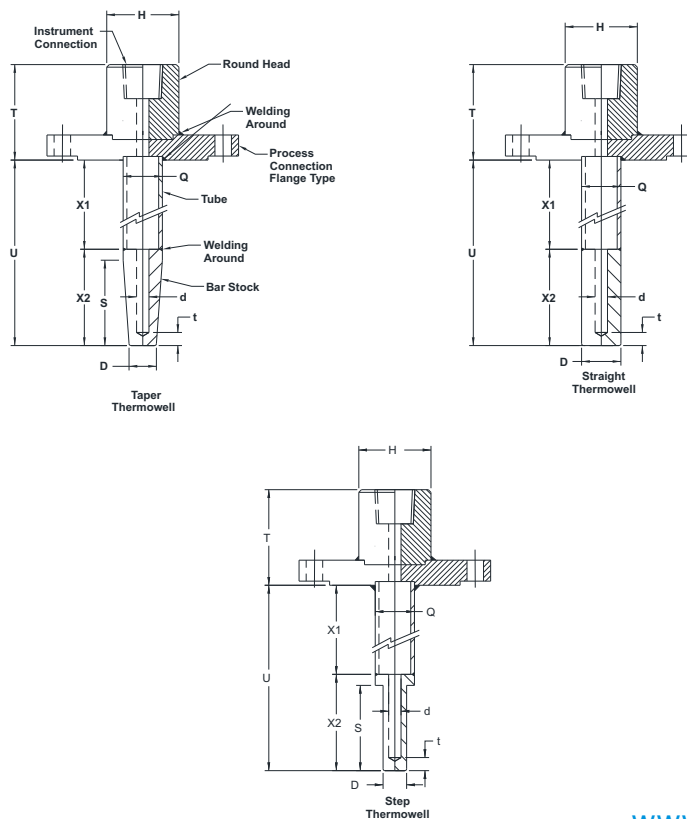
Partial Bar-stock



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
Prop length	:	250 mm
Tail length	:	50 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



REFERENCE

ASME PTC 19.3TW:2010

ORDERING CODES

1. SHANK FORM

S Straight T Tapered

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 **MQ** Inconel 600
MR Inconel 625 **MO** Hastelloy C-276
MN Monel-400 **MM** Monel K500

MB

3. WELL (STUB & TAIL) 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 **MQ** Inconel 600
MR Inconel 625 **MO** Hastelloy C-276
MN Monel-400 **MM** Monel K500

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)

02N

5. 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

5. 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

6. LAG EXTENSION ("T")

XXX 35 mm up to 250 mm

XXX

7. IMMERSION LENGTH ("U")

XXXX 50 mm up to 1000 mm

XXXX

8. STEP STYLE

S Straight
T Taper

S

9. STEP / TAPER LENGTH ("S")

XXX Mention in 'mm'

XXX

10. STUB LENGTH ("X1")

XXXX 50 mm up to 1000 mm

XXXX

11. TAIL LENGTH ("X2")

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. PROCESS CONNECTION

XXX Refer Flange Table for the codes

XXX

14. FLANGE FACING

F Flat Face
J Ring-Type Joint
R Raised Face

F

15. HEAD TYPE

R Round

R

16. HEAD SIZE

XX Mention in 'mm'

XX

17. 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 : W204-S-MB-MB-02N-U3-U1-XXX-XXXX-XXXX-XXXX-M-XXX-F-R-XX-XM

NOTES:

1. Other connections are available through adaptors.