

FEATURES

- Multiple bar-stock type
- Length up to 5 Meters
- 3 different shank styles
- Flanged / threaded process connection

APPLICATION

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

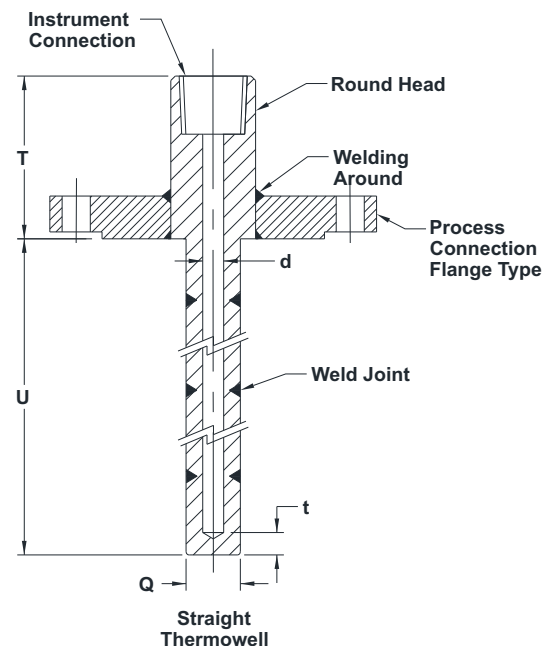
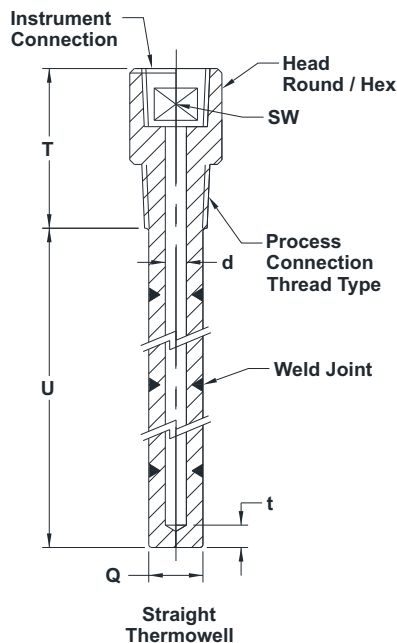
Multi-piece Bar-stock



STANDARD SPECIFICATIONS

Shank form	:	Straight
Flange material	:	AISI 316 SS
Well material	:	AISI 316 SS
Instrument connection	:	1/2" NPT (F)
Bore diameter	:	6.6 mm
Lag extension	:	50 mm
Root diameter	:	21.0 mm
Tip diameter	:	0 mm
Immersion length	:	2000 mm
Step / Taper Length	:	0 mm
Tip thickness	:	5 mm
Process connection	:	1" 150# as per ANSI B16.5
Flange facing type	:	Raised face
Head type	:	Round
Head size	:	30 mm

DIMENSIONAL DRAWING



REFERENCE

ASME PTC 19.3TW:2010

ORDERING CODES

1. SHANK FORM

- S Straight
- E Stepped
- 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 |
| MM Monel 400 | MN Monel K-500 |
| MO Hastelloy C-276 | MQ Inconel 600 |
| MR Inconel 625 | MS Inconel 800 |
| MT Inconel 825 | MV Titanium |
| MY Alloy 20 | M6 AISI 446 SS |
| MI AISI 321 SS | |

MB

3. WELL MATERIAL

- | | |
|------------------------------------|------------------------|
| MB Carbon Steel / ASTM A105 | |
| MC AISI 304SS | ME AISI 310 SS |
| MF AISI 316 SS | MG AISI 316L SS |
| MM Monel 400 | MN Monel K-500 |
| MO Hastelloy C-276 | MQ Inconel 600 |
| MR Inconel 625 | MS Inconel 800 |
| MT Inconel 825 | MV Titanium |
| MY Alloy 20 | M6 AISI 446 SS |
| MI AISI 321 SS | |

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. BORE DIAMETER ("d")

- | | |
|-------------------------|-----------------|
| N 6.35 mm (1/4") | A 6.6 mm |
| B 7.0 mm | C 9.0 mm |
| D 9.6 mm | F 11 mm |
| G 13 mm | O 10 mm |

A

6. LAG EXTENSION ("T")

- XXX** 35 mm up to 250 mm

XXX

7. ROOT DIAMETER ("Q")

- XX.X** Mention in 'mm'

XX.X

8. TIP DIAMETER ("D")

- XX.X** Mention in 'mm'

XX.X

9. 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. TIP THICKNESS ("t")

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

M

11. PROCESS CONNECTION

- XXX** Refer Flange Table for the codes

XXX

12. FLANGE FACING

- F Flat Face
- J Ring-Type Joint
- R Raised Face

F

13. HEAD TYPE

- R** Round

R

14. HEAD SIZE

- XX** Mention in 'mm'

XX

15. OTHER OPTIONS

- XI** Plug & chain in SS
- XK** Electro polishing
- 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
- TN** Tested to NACE standards

XM

Ordering Example : W205-S-MB-MB-02N-A-XXX-XX.X-XX.X-XXXX-M-XXX-F-R-XX-XM

NOTES:

1. Other connections are available through adaptors.