

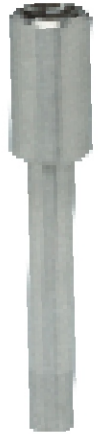
FEATURES

- Weld-in / Socket-weld design
- Solid bar-stock drilled

APPLICATION

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

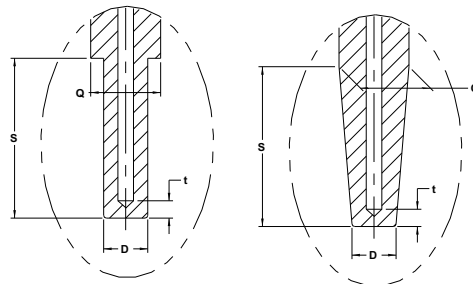
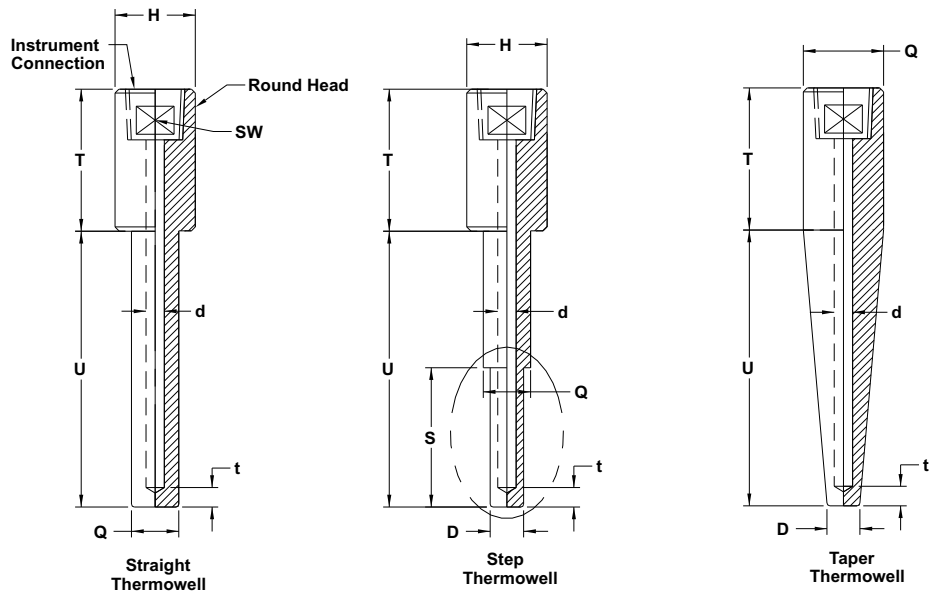
Bar-stock



STANDARD SPECIFICATIONS

Shank form	:	Tapered
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	:	16.0 mm
Immersion length	:	300 mm
Step / Taper Length	:	100 mm
Tip thickness	:	5 mm
Process connection	:	Weld connection
Head type	:	Round
Head size	:	27 mm

DIMENSIONAL DRAWING



REFERENCE

ASME PTC 19.3TW:2010

ORDERING CODES

1. SHANK FORM

- S** Straight
- E** Stepped
- T** Tapered

S

2. 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. INSTRUMENT CONNECTION

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

02N

4. BORE DIAMETER ("d")

- A** 6.6 mm
- B** 7.0 mm
- F** 11.0 mm
- G** 13.0 mm

A

5. LAG EXTENSION ("T")

- XXX** 35 mm up to 250 mm

XXX

6. ROOT DIAMETER ("Q")

- XX.X** Mention in 'mm'

XX.X

7. TIP DIAMETER ("D")

- XX.X** Mention in 'mm'

XX.X

8. IMMERSION LENGTH ("U")

- XXXX** 50 mm up to 1000 mm

XXXX

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. HEAD TYPE

- R** Round

R

12. HEAD SIZE

- XX** Mention in 'mm'

5

13. OTHER OPTIONS

- XI** Plug & chain in SS
- XL** Marking by laser
- XM** Marking by engraving
- TC** Material test certificate 3.1
- TG** IGC test
- TH** Hydro test certificate
- TI** IBR certification
- TM** Material test certificate 2.2
- TN** Tested to NACE standards
- TQ** Certification for Hydrogen service
- TW** WFC as per PTC 19.3TW:2010

XM

Ordering Example : W203-S-MB-02N-A-XXX-XX.X-XX.X-XXXX-XXX-M-R-5-XM

NOTES:

- 1. Other connections are available through adaptors.