

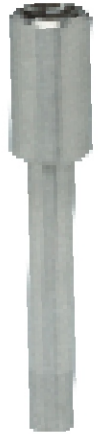
FEATURES

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

APPLICATION

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

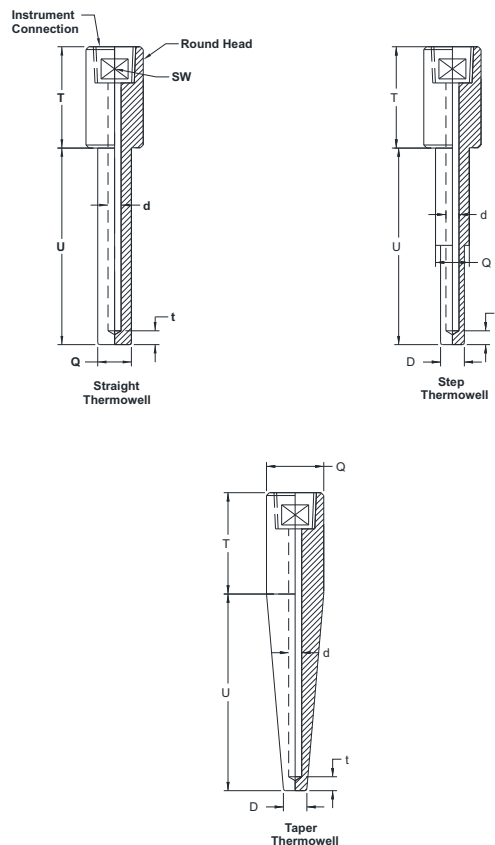
Bar-stock



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")

N	6.35 mm (1/4")
A	6.6 mm
C	9.0 mm
D	9.6 mm
O	10 mm

A

5. LAG EXTENSION ("T")

XXX	35 mm up to 250 mm
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XXX

6. ROOT DIAMETER ("Q")

XX.X	Mention in 'mm'
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XX.X

7. TIP DIAMETER ("D")

XX.X	Mention in 'mm'
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XX.X

8. IMMERSION LENGTH ("U")

XXXX	50 mm up to 1000 mm
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XXXX

9. STEP / TAPER LENGTH ("S")

XXX	Mention in 'mm'
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XXX

10. TIP THICKNESS ("t")

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

M

11. HEAD TYPE

R	Round
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R

12. HEAD SIZE

XX	Mention in 'mm'
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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
TO	Certification for Oxygen service
TP	Performance test certificate
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.