

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

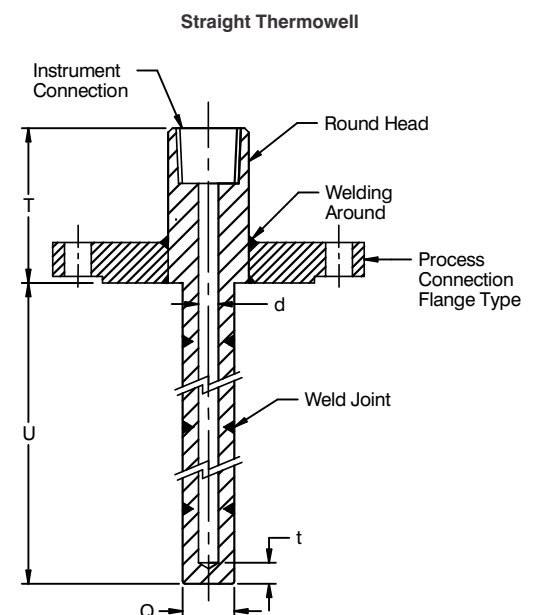
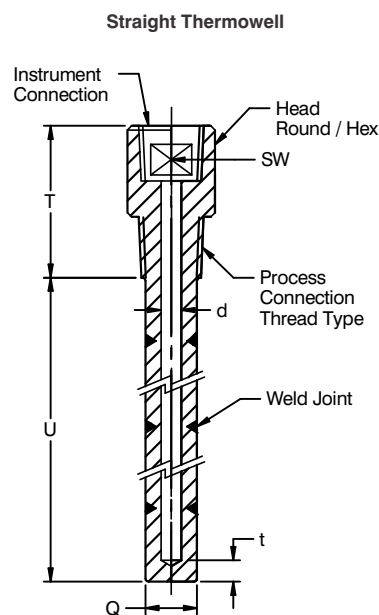


STANDARD SPECIFICATIONS

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

Multiple Bar Stock Thermowell



REFERENCE

ASME PTC 19.3TW:2010

ORDERING CODES

1. SHANK FORM

S	Straight
E	Stepped
T	Tapered

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		

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		

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)

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

6. LAG EXTENSION ("T")

XXX	35 mm up to 250 mm
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7. ROOT DIAMETER ("Q")

XX.X	Mention in 'mm'
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8. TIP DIAMETER ("D")

XX.X	Mention in 'mm'
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9. IMMERSION LENGTH ("U")

XXXX	50 mm up to 1000 mm
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8. STEP STYLE

S	Straight
T	Taper

9. STEP / TAPER LENGTH ("S")

XXX	Mention in 'mm'
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10. TIP THICKNESS ("t")

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

11. PROCESS CONNECTION

XXX	Refer Flange Table for the codes
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12. FLANGE FACING

F	Flat Face
J	Ring-Type Joint
R	Raised Face

13. HEAD TYPE

R	Round
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14. HEAD SIZE

XX	Mention in 'mm'
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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
TP	Performance test certificate

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.