



Straight Shank

FEATURES

- Solid bar-stock drilled design
- 3 different shank styles
- Flanged process connection

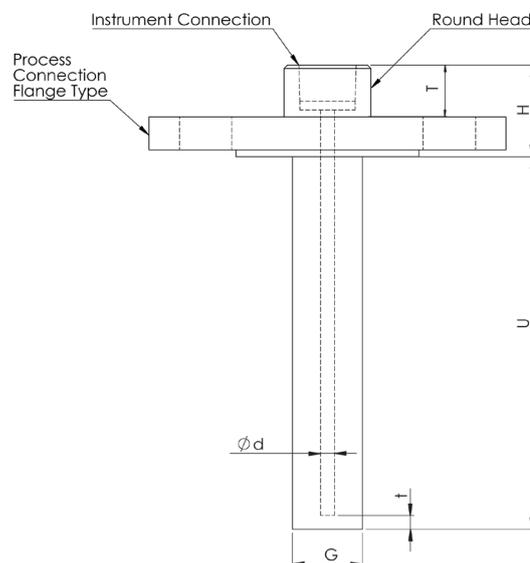
APPLICATIONS

- Air & flue gas
- Tanks & vessels
- Oil & Gas applications

STANDARD PARAMETERS

Shank form	Straight
Flange material	AISI 316 SS
Well material	AISI 316 SS
Instrument connection	½" NPT (F)
Bore diameter	7 mm
Lag extension	50 mm
Root diameter	By order
Tip diameter	By order
Immersion length	By order
Tip thickness	5 mm
Process connection	Flange as per ANSI B16.5, EN 1092-1
Flange facing type	Raised face

STANDARD PARAMETERS



01 / 03

ORDERING CODES

1. SHANK FORM		S		8. CONNECTION LENGTH ("H")		20	
S	Straight			XXX	Mention in 'mm' (minimum 30mm)		
2. MATERIAL				MG			
MB	Carbon Steel / ASTM A105	MG	AISI 316L SS				
MC	AISI 304SS	MV	Titanium				
MF	AISI 316 SS						
MM	Monel						
MO	Hastelloy C-276						
MR	Inconel 625						
MI	AISI 321 SS						
3. WELL MATERIAL				MG			
MB	Carbon Steel / ASTM A105	MG	AISI 316L SS				
MC	AISI 304SS	MV	Titanium				
MF	AISI 316 SS						
MM	Monel						
MO	Hastelloy C-276						
MR	Inconel 625						
MI	AISI 321 SS						
4. INSTRUMENT CONNECTION				05N			
02N	¼" NPT (F)	04N	½" NPT (F)				
05N	¾" NPT (F)	02B	¼" BSP (F)				
04B	½" BSP (F)	05B	¾" BSP (F)				
04M	M20 x 1.5 mm (F)						
5. PROCESS CONNECTION				XXX			
XXX	Refer Flange Table for the codes						
6. FLANGE FACING				FF			
FF	Flat Face						
RJ	Ring-Type Joint						
RF	Raised Face						
7. LAG EXTENSION ("T")				210			
XXX	35 mm up to 250 mm						
9. TIP DIAMETER ("G")				18			
XX.X	Mention in 'mm'						
10. BORE DIAMETER ("d")				UU			
NN	6.35 mm (¼")		OO	10 mm			
UU	7.0 mm						
VV	9.0 mm						
WW	9.6 mm						
YY	11 mm						
LL	12 mm						
ZZ	13 mm						
11. IMMERSION LENGTH ("U")				100			
XXXX	50 mm up to 1000 mm						
12. TIP THICKNESS ("t")				QQ			
QQ	5 mm						
NN	6.35 mm (¼")						
RR	8 mm						
OO	10 mm						
13. CONSTRUCTION				FA			
FA	Flange & well full penetration welded						
FB	Flange & well thread jointed and seal Welded						
FC	Flange & well seal welded						
14. COATING ON WELL & FLANGE				ME			
ME	PTFE						

NOTES

- Other diameters, connections are available, please contact factory for details.
- Please refer "Technical Reference" for the proper selection of connections according to Head size and Outer diameter of the well.

15. OTHER OPTIONS

TC

XI	Plug & chain in SS
XK	Electro polishing
XL	Marking by laser
XM	Marking by engraving
XN	Collar type (According to WFC)
TC	Material test certificate
TD	Dye penetration test
TF	PMI test
TH	Hydro test certificate
TN	NACE standards
TW	WFC as per PTC 19.3TW:2010

Ordering Example:

MT-W300FD-S-MG-MG-05N-XXX-FF-210-20-18-UU-100-QQ-FA-ME-TC

ORDERING CODES

ANSI B 16.5								
Code	Size	Rating	Code	Size	Rating	Code	Size	Rating
A01	½"	150#	A02	½"	300#	A03	½"	600#
A04	½"	900#	A05	½"	1500#	A06	½"	2500#
A07	¾"	150#	A08	¾"	300#	A09	¾"	600#
A10	¾"	900#	A11	¾"	1500#	A12	¾"	2500#
A13	1"	150#	A14	1"	300#	A15	1"	600#
A16	1"	900#	A17	1"	1500#	A18	1"	2500#
A19	1¼"	150#	A20	1¼"	300#	A21	1¼"	600#
A22	1¼"	900#	A23	1¼"	1500#	A24	1¼"	2500#
A25	1½"	150#	A26	1½"	300#	A27	1½"	600#
A28	1½"	900#	A29	1½"	1500#	A30	1½"	2500#
A31	2"	150#	A32	2"	300#	A33	2"	600#
A34	2"	900#	A35	2"	1500#	A36	2"	2500#
A37	2½"	150#	A38	2½"	300#	A39	2½"	600#
A40	2½"	900#	A41	2½"	1500#	A42	2½"	2500#
A43	3"	150#	A44	3"	300#	A45	3"	600#
A46	3"	900#	A47	3"	1500#	A48	3"	2500#
A49	4"	150#	A50	4"	300#	A51	4"	600#
A52	4"	900#	A53	4"	1500#	A54	4"	2500#