



Tapered Shank

## FEATURES

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

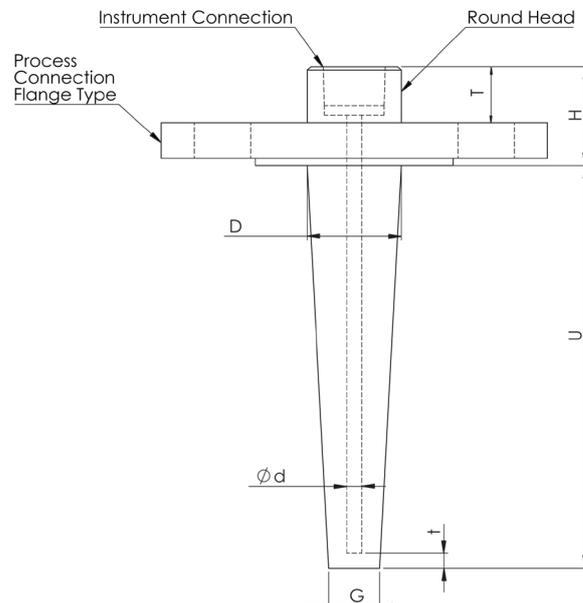
## APPLICATIONS

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

## STANDARD PARAMETERS

Shank form	Tapered
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
Step / Taper Length	By order
Tip thickness	5 mm
Process connection	Flange as per ANSI B16.5, EN 1092-1
Flange facing type	Raised face Raised face

## STANDARD PARAMETERS



#### ORDERING CODES

<b>1. SHANK FORM</b>		<b>T</b>	<b>8. CONNECTION LENGTH ("H")</b>		<b>20</b>
<b>T</b>	Tapered		<b>XXX</b>	Mention in 'mm' (minimum 30mm)	
<b>2. FLANGE MATERIAL</b>			<b>MG</b>	<b>9. ROOT DIAMETER ("D")</b>	
<b>MB</b>	Carbon Steel /ASTMA105	<b>MG</b>	AISI 316L SS		
<b>MC</b>	AISI 304SS	<b>MV</b>	Titanium		
<b>MF</b>	AISI 316 SS				
<b>MM</b>	Monel				
<b>MO</b>	Hastelloy C-276				
<b>MR</b>	Inconel 625				
<b>MI</b>	AISI 321 SS				
<b>3. WELL MATERIAL</b>			<b>MG</b>	<b>10. TIP DIAMETER ("G")</b>	
<b>MB</b>	Carbon Steel /ASTMA105	<b>MG</b>	AISI 316L SS		
<b>MC</b>	AISI 304SS	<b>MV</b>	Titanium		
<b>MF</b>	AISI 316 SS				
<b>MM</b>	Monel				
<b>MO</b>	Hastelloy C-276				
<b>MR</b>	Inconel 625				
<b>MI</b>	AISI 321 SS				
<b>4. INSTRUMENT CONNECTION</b>			<b>05N</b>	<b>11. BORE DIAMETER ("d")</b>	
<b>02N</b>	¼" NPT (F)	<b>04N</b>	½" NPT (F)		
<b>05N</b>	¾" NPT (F)	<b>02B</b>	¼" BSP (F)		
<b>04B</b>	½" BSP (F)	<b>05B</b>	¾" BSP (F)		
<b>04M</b>	M20 x 1.5 mm (F)				
<b>5. PROCESS CONNECTION</b>			<b>XXX</b>	<b>12. IMMERSION LENGTH ("U")</b>	
<b>XXX</b>	Refer Flange Table for the codes		<b>XXXX</b>	50 mm up to 1000 mm	
<b>6. FLANGE FACING</b>			<b>FF</b>	<b>13. TIP THICKNESS ("t")</b>	
<b>FF</b>	Flat Face		<b>QQ</b>	5 mm	
<b>RJ</b>	Ring-Type Joint		<b>NN</b>	6.35 mm (¼")	
<b>RF</b>	Raised Face		<b>OO</b>	10 mm	
			<b>RR</b>	8 mm	
<b>7. LAG EXTENSION ("T")</b>			<b>210</b>	<b>14. CONSTRUCTION</b>	
<b>XXX</b>	35 mm up to 250 mm		<b>FA</b>	Flange & well full penetration welded	
			<b>FB</b>	Flange & well thread jointed and seal Welded	
			<b>FC</b>	Flange & well seal welded	
			<b>15. COATING ON WELL &amp; FLANGE</b>		
			<b>ME</b>	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.

16. 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 & DWG)	
CT	Core type (According to WFC & DWG)	
TD	Dye penetration test	
TF	PMI test	
TH	Hydro test certificate	
TN	NACE standards	
TW	WFC as per PTC 19.3TW:2010	
TC	Material test certificate	

### Ordering Example:

**MT-W200FD-T-MG-MG-05N-XXX-FF-210-20-18-18-UU-100-QQ-FA-ME-TC**

### FLANGE TABLE

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#