

Stepped Shank



FEATURES

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

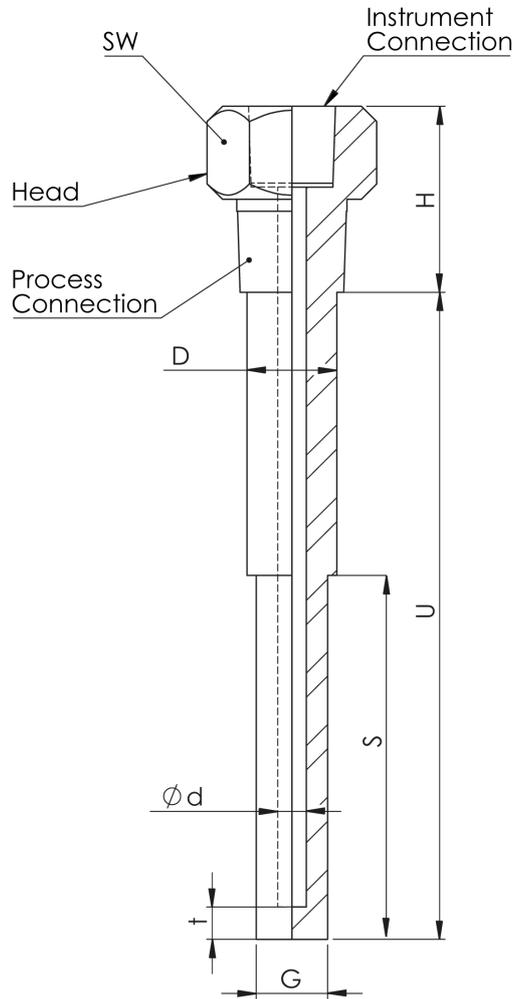
APPLICATIONS

- Air & flue gas
- Tanks & vessels
- Oil & Gas applications
- Corrosive environments
- Power & Steel industries
- HVAC, Air filters & utilities
- On-shore/Off-shore application

STANDARD PARAMETERS

Shank form	Stepped
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	½" NPT (M)

DIMENSIONAL DRAWING



Process Connection	Head Design		Dimension in mm				
	Hexagon or round with hexagon (Metric)	Round with wrench flats (Metric)	instrument connection	D	G	Ød	H
1/2" NPT	HEX 27	Ø 34 mm with SW 28	• 1/2" NPT • 1/2" BSP	16	13	• 6.6 • 8.5	45
3/4" NPT	HEX 27		• 1/2" NPT • 1/2" BSP	22	16	• 6.6 • 8.5	45
1" NPT	HEX 36		• 1/2" NPT • 1/2" BSP	27	19	• 6.6 • 8.5	45

ORDERING CODES

1. SHANK FORM		P	7. ROOT DIAMETER ("G")		20
P	Stepped		XX.X	Mention in 'mm'	
2. MATERIAL			MG	8. TIP DIAMETER ("D")	
MB	Carbon Steel / ASTM A105	MG	AISI 316L SS	XX.X	Mention in 'mm'
MC	AISI 304SS	MV	Titanium		
MF	AISI 316 SS				
MM	Monel				
MO	Hastelloy C-276				
MR	Inconel 625				
MI	AISI 321 SS				
3. INSTRUMENT CONNECTION			05N	9. BORE DIAMETER ("d")	
05N	¾" NPT (F)	04N	½" NPT (F)	UU	7 mm
02B	¼" BSP (F)	06N	1" NPT (F)	VV	9.0 mm
05B	¾" BSP (F)	04B	½" BSP (F)	YY	11 mm
04M	M20 x 1.5 mm (F)	06B	1" BSP (F)	ZZ	13 mm
4. PROCESS CONNECTION			15N	10. IMMERSION LENGTH ("U")	
14N	½" NPT (M)	15N	¾" NPT (M)	XXXX	50 mm up to 1000 mm
16N	1" NPT (M)	17N	1.5" NPT (M)		
18N	2" NPT (M)	14B	½" BSP (M)		
15B	¾" BSP (M)	16B	1" BSP (M)		
17B	1.5" BSP (M)	18B	2" BSP (M)		
14M	M20 x 1.5 mm (M)				
5. HEAD SIZE			27	11. STEP / TAPER LENGTH ("S")	
XX	Mention in 'mm'			XXXX	50 mm up to 1000 mm
6. LAG EXTENSION ("H")			210	12. TIP THICKNESS ("t")	
XXX	35 mm up to 250 mm			QQ	5mm
				NN	6.35 mm (¼")
				OO	10mm
Ordering Example:			13. OTHER OPTIONS		
MT-W100TD-P-MG-05N-15N-27-210-20-18-UU-100-100-NN-TC			XI	Plug & chain in SS	
			XL	Marking by laser	
			TC	Material test certificate	
			TH	Hydro test certificate	
			TN	NACE standards	
			TW	WFC as per PTC 19.3TW:2010	

Ordering Example:
MT-W100TD-P-MG-05N-15N-27-210-20-18-UU-100-100-NN-TC

NOTES

- Other pipe/tube sizes, «U» lengths, connections are available. please contact factory for details.
- Please refer "Technical Guidance Sheet" for the proper selection of connections according to Head size and Outer diameter of the well.