

Forged / Bar-stock

MIEPL Make MTH05 Flanged Thermowell bar-stock with Exotic Material RF type thermowell have flanged. User can select as per requirement. This type of thermowell widely used in Oil & Gas, Chemical and Fertilizers sector.

FEATURES

- ➔ Van-stone design
- ➔ Single piece forged drilled
- ➔ Or single piece bar-stock drilled
- ➔ Flange RF connection

APPLICATION

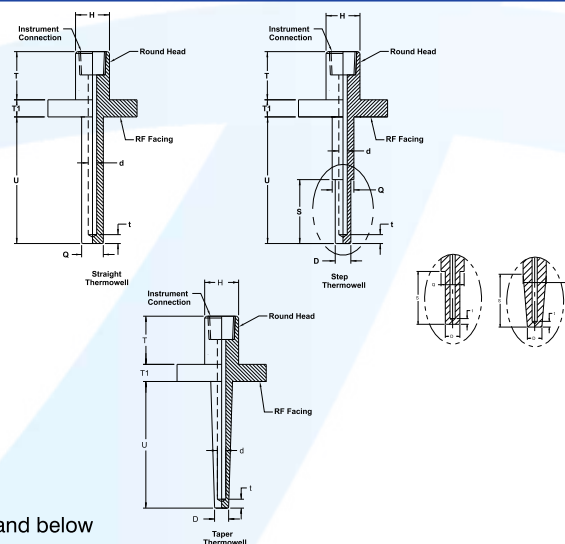
- ➔ Oil & Gas applications
- ➔ Corrosive environments
- ➔ On-shore/Off-shore application

REFERENCE

- ➔ ASME PTC 19.3TW:2010

STANDARD SPECIFICATIONS

Shank form	: Tapered
Material	: AISI 316 SS
Instrument connection	: 1/2" NPT (F) / 1/2" BSP (F)
Bore diameter	: 6.6 mm:40 mm
Lag extension	: 30.0 mm
Root diameter	: 14.0 mm
Tip diameter	: 255 mm
Immersion length	: 255 mm
Step / Taper Length	: 5 mm
Tip thickness	: 1 1/2" RF Diameter
Process connection	: Raised face
Flange facing type	: Round
Head typeHead size	: 48 mm

DRAWING

Note :-
 T1=15mm for 1 1/2" Flange and below
 T1=20mm for 2" Flange

ORDERING CODE

MTH05 - S - 2NF - 1 - RT - R

1. SHANK FORM	Straight	S			
	Stepped	E			
	Tapered	T			
2. MATERIAL	Carbon Steel / ASTM A105	MB			
	AISI 304SS	MC			
	AISI 316 SS	MF			
	Monel 400	MM			
	Hastelloy C-276	MO			
	Inconel 625	MR			
	Inconel 825	MT			
	Alloy 20	MY			
	AISI 321 SS	MI			
	AISI 310 SS	ME			
	AISI 316L SS	MG			
	Monel K-500	MN			
	Inconel 600	MQ			
	Inconel 800	MS			
	AISI 446 SS	M6			
3. INSTRUMENT CONNECTION	¼" NPT (F)		2NF		
	¾" NPT (F)		5NF		
	¼" BSP (F)		2BF		
	¾" BSP (F)		5BF		
	M20 x 1.5 mm (F)		4MF		
	½" NPT (F)		4NF		
	1" NPT (F)		6NF		
	½" BSP (F)		4BF		
	1" BSP (F)		6BF		
4. PROCESS CONNECTION / FACING SIZE	1" RF diameter as per AISI B16.5			0	
	1½" RF diameter as per AISI B16.5			1	
	2" RF diameter as per AISI B16.5			2	

ORDERING CODE

		RT	R	XX	N	T	M	WM
5. RF FACING	Ring-Type Joint	RT						
	Raised Face	RF						
6. HEAD TYPE	Round							
7. HEAD SIZE	48 mm (Standard)			XX				
8. LAG EXTENSION ("T")	35 mm up to 250 mm			XXX				
9. ROOT DIAMETER ("Q")	Mention in 'mm'			XX.X				
10. TIP DIAMETER ("D")	Mention in 'mm'			XX.X				
11. BORE DIAMETER ("d")	6.35 mm (1/4")				N			
	9.0 mm				C			
	10 mm				O			
	6.6 mm				A			
	9.6 mm				D			
	11 mm				F			
12. IMMERSION LENGTH ("U")	50 mm up to 1000 mm			XXXX				
13. STEP STYLE	Straight					S		
	Taper					T		
14. STEP / TAPER LENGTH ("S")	Mention in 'mm'				XXX			
15. TIP THICKNESS ("t")	5 mm						M	
	6.35 mm (1/4")						N	
	10 mm						O	
16. OTHER OPTIONS	Plug & chain in SS	WI						SI
	Electro polishing	WK						SM
	Marking by laser	WL						SN
	Marking by engraving	WM						SQ
	Material test certificate 3.1	SC						SW
	Dye penetration test	SD						SR
	PMI test	SF						SS
	IGC test	SG						SU
	Hydro test certificate	SH						

Ordering Example : MTH05 - S - 2NF - 1 - RT - R - XX - N - T - M - WM

NOTES:

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