

Fabricated , Partial Bar-Stock

MIEPL Make MTH03 Flanged Thermowell bar-stock type & fabricated Type thermowell have flanged. User can select as per requirement.

**FEATURES**

- Economical version
- Fabricated from pipe
- Flanged process connection
- Partial Bar-Stock

APPLICATION

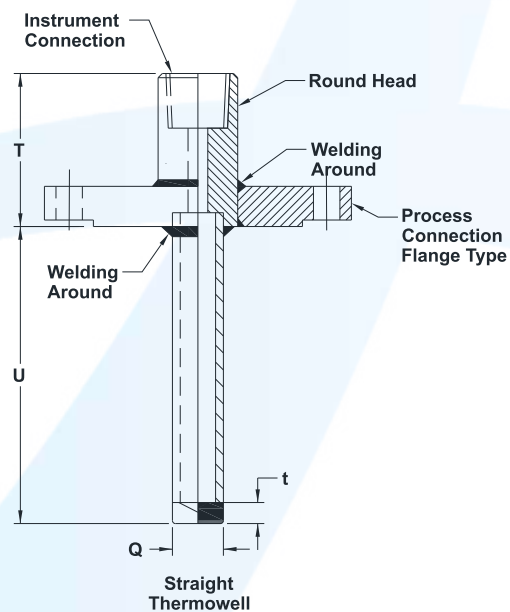
- HVAC, Air filters & utilities
- Tanks & vessels
-

REFERENCE

- IEC-584.2 / ANSI MC-96.1

STANDARD SPECIFICATIONS

Shank form	: Straight
Head Material	: AISI 316 SS
Well Material	: AISI 316 SS
Instrument connection	: 1/2" NPT (F) / 1/2" BSP (F)
Well Tubes	: Tube Ø10 x 1.5 mm THK
Lag extension	: 50 mm
Immersion length	: 100 mm
Tip thickness	: 5 mm
Process connection	: 1/2" NPT (M) / 1/2" BSP (M)
Head type	: Hex
Head size	: 27 mm

DRAWING

ORDERING CODE

MTH03 - S - MB - MC - 2NF

1. SHANK FORM	Straight	S	MB	MC	2NF
	Tapered	T			
2. MATERIAL	Carbon Steel / ASTM A105		MB		
	AISI 304SS		MC		
	AISI 316 SS		MF		
	AISI 321 SS		MI		
	Inconel 600		MQ		
	Inconel 800		MS		
	Hastelloy C-276		MO		
	AISI 310 SS		ME		
	AISI 316L SS		MG		
	AISI 446 SS		M6		
	Inconel 625		MR		
	Inconel 825		MT		
3. INSTRUMENT CONNECTION	Carbon Steel / ASTM A105			MB	
	AISI 304SS			MC	
	AISI 316 SS			MF	
	AISI 321 SS			MI	
	Inconel 600			MQ	
	Inconel 800			MS	
	Hastelloy C-276			MO	
	AISI 310 SS			ME	
	AISI 316L SS			MG	
	AISI 446 SS			M6	
	Inconel 625			MR	
	Inconel 825			MT	
	Monel K500			MM	
4. PROCESS CONNECTION	1/4" NPT (F)				2NF
	3/4" NPT (F)				5NF
	1/4" BSP (F)				2BF
	3/4" BSP (F)				5BF

ORDERING CODE

			XXX	FF	R	U5	T
	M20 x 1.5 mm (F)	4MF					
	½" NPT (F)	4NF					
	1" NPT (F)	6NF					
	½" BSP (F)	4BF					
	1" BSP (F)	6BF					
5. PROCESS CONNECTION	Refer Flange Table for the codes		xxx				
6. FLANGE FACING	Flat Face			FF			
	Ring-Type Joint			RT			
	Raised Face			RF			
7. HEAD TYPE	Round				R		
8. HEAD SIZE	Mention in 'mm'			XX			
9. LAG EXTENSION ("T")	35 mm up to 250 mm			XXX			
10. WELL PIPES	Pipe 3/8" Sch 40					U3	
	Pipe 3/8" Sch 80					U4	
	Pipe ½" Sch 40					U5	
	Pipe ½" Sch 80					U6	
	Pipe ¾" Sch 40					U7	
	Pipe ¾" Sch 80					U8	
	Pipe 1" Sch 40					UA	
	Pipe 1" Sch 80					UB	
11. WELL (TUBE)	TUBE Ø 10X1.5 mm THK					U1	
	TUBE Ø 12X1.5 mm THK					UL	
	TUBE Ø 14X2.5 mm THK					UM	
	TUBE Ø 12X1.0 mm THK					UN	
	TUBE Ø 14X1.0 mm THK					UO	
	TUBE Ø 16X2.0 mm THK					UP	
12. STEP STYLE	Straight						S
	Taper						T
13. STEP/TAPER LENGTH ("S")	Mention in 'mm'					XXX	
14. IMMERSION LENGTH ("U")	50 mm up to 1000 mm					XXXX	
15. STUB LENGTH ("X")	50 mm up to 1000 mm					XXXX	

ORDERING CODE

		M	WM
16. TAIL LENGTH ("X2")	50 mm up to 1000 mm	XXXX	
17. TIP THICKNESS ("#")	5 mm	M	
	6.35 mm (1/4")	N	
	10 mm	O	
18. COATING ON WELL & FLANGE	PTFE	PD	
	Silicon carbide	PE	
	Tungsten carbide	PG	
	Zirconium oxide	PH	
	Stellite	PI	
19. SLEEVING/OVERLAY ON WELL & FLANGE	Hastelloy C-276	PS	
	Inconel 600	PV	
	Titanium	PW	
	Tantalum	PX	
20. OTHER OPTIONS	Plug & chain in SS		WI
	Marking by laser		WL
	Marking by engraving		WM
	Material test certificate 3.1		SC
	Dye penetration test		SD
	Hydro test certificate		SH
	Material test certificate 2.2		SM
	Certification for Hydrogen Service		SQ

Ordering Example : MTH03 - S - MB - MC - 2NF - XXX - FF - R - U5 - 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.
3. Other connections are available through adaptors.