



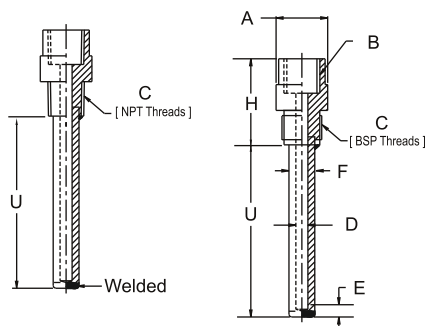
Special Features

- These thermowells are fabricated from pipe with a welded end cap
- These thermowells are installed directly into the process with the help of threaded process connection
- Ideal for use in longer length tank & vessels where bar stock is a limitation

Applications

- HVAC Industries
- Utilities
- Chemical plants
- Pharmaceutical
- Engineering plants
- On shore
- Off shore & other similar process industries

Thermowell Drawings

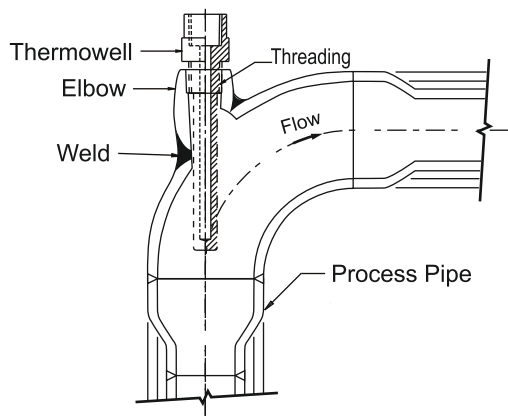


S - Straight

- A** - Finished Head Size
B - Instrument Connection
C - Process Connection
F - Major Diameter (As per Pipe Schedule)

- D** - Bore Diameter (As per Pipe Schedule)
E - Tip Thickness
U - Insertion Length
H - Extension Length

Typical Thermowell Installation





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Fabricated Threaded

How To Order						Example
Basic Model						TW3
Type						
S - Straight						X
Material						XXX
S64 AISI 304 SS	S10 AISI 310 SS	I60 Inconel 600	CST Carbon Steel			
S66 AISI 316 SS	HST Hastelloy C	A20 Alloy 20				
S6L AISI 316L SS	S21 AISI 321 SS	NIK Nickel				
Note : Other Materials are available on request.						
Instrument Connection B						XXX
3BF 3/8 BSP (F)	4BF ½ BSP (F)	5TF 3/4 BSPT (F)	6NF 1 NPT (F)	M18 M18 x 1.5 (F)		
3NF 3/8 NPT (F)	4NF ½ NPT (F)	5NF 3/4 NPT (F)	6BF 1 BSP (F)	M20 M20 x 1.5 (F)		
3TF 3/8 BSPT (F)	4TF ½ BSPT (F)	5BF 3/4 BSP (F)	6TF 1 BSPT (F)	M33 M22 x 1.5 (F)		
				M24 M24 x 1.5 (F)		
				M24 M27 x 2 (F)		
				M33 M33 x 2 (F)		
Note : Other Connections are available on request.						
Process Connection C						XXX
4BM ½ BSP (M)	5BM 3/4 BSP (M)	6BM 1 BSP (M)	M20 M 20 x 1.5 (M)			
4NM ½ NPT (M)	5NM 3/4 NPT (M)	6NM 1 NPT (M)	M24 M 24 x 1.5 (M)			
4TM ½ BSPT (M)	5TM 3/4 BSPT (M)	6TM 1 BSPT (M)	M27 M 27 x 2 (M)			
			M33 M 33 x 2 (M)			
Note : Other Connections are available on request.						
Finished Head Size A (Refer Table 1.1 for selection of Head Size for Thermowell.)						
Please Specify in mm						XXX
e.g. : For 28 mm Finished head Size, specify A28						
Type Of Head						
H Hex Headed (Standard) R Round Headed With Spanner Slots.						X
Extension / Lagging Length H						
H50 (Standard)						XXX
For e.g. : for length 65 mm, mention H65						



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Fabricated Threaded

How To Order				Example
Major Diameter F				
Pipe Size & Schedule				
A 1/4 Sch 40	C 3/8 Sch 40	E 1/2 Sch 40	H 7mm ID x 12mm OD	X
B 1/4 Sch 80	D 3/8 Sch 80	F 1/2 Sch 80	I 9mm ID 14mm OD	
Other Pipe Sizes & Schedules are available on request.		G 1/2 Sch 160	J 11mm ID x 16mm OD	
Tip Thickness E				
Standard Tip Thickness is 5 mm. e.g. : Specify E5 for 5 mm Tip Thickness				XX
Insertion Length U				
Please specify in mm e.g. : for 250 mm, mention U250				XXXX
Options				
PAC Plug and chain in SS	STG SS Tag Plate	ENM Marking by Engraving		XXX
EPL Electro polishing	LAM Marking by Laser			
Tests & Certification				
CCT Chemical Composition Test	DPT Dye Penetration Test			
31B 3.1B Material Conformity Certificate	PMI PMI Test			

Ordering Example : TW3. X . XXX . XXX . XXX . XXX . X . XXX . X . XX . XXXX . XXX

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing.

Modifications may take place and materials specified may be replaced by others without prior notice.

For Any Custom / Non Standard / Special Requirement Consult Factory..