



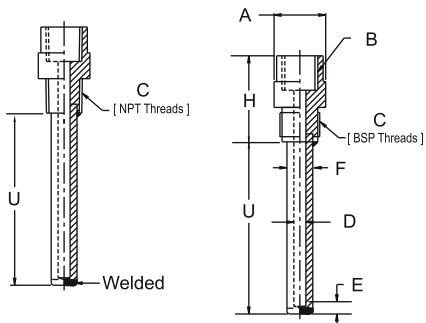
## Special Features

- 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

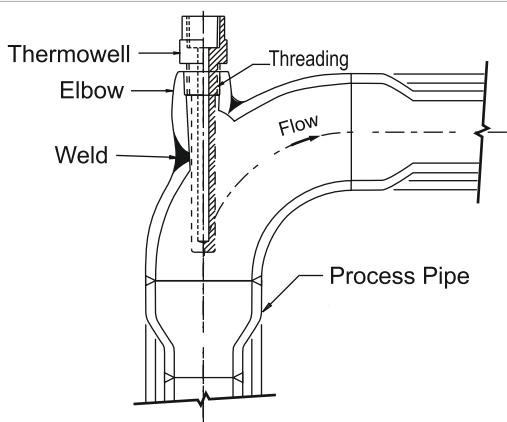


### S - Straight

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



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## Fabricated Threaded

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

**Ordering Example : TW3. X . 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..