



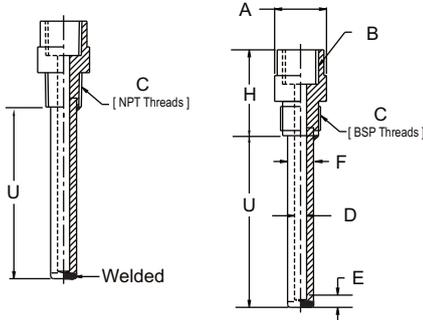
### Special Features

- 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

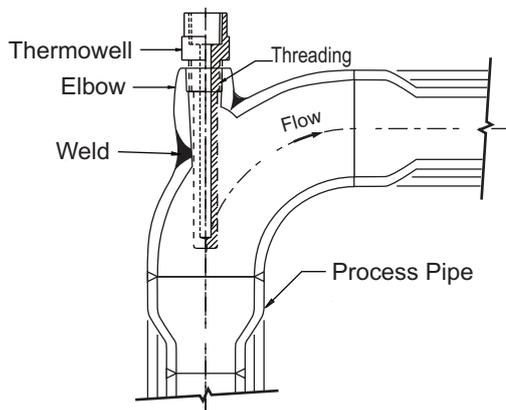
### Thermowell Drawings



#### S - Straight

- |  |   |
|--|---|
| <b>A</b> - Finished Head Size                    | <b>D</b> - Bore Diameter (As per Pipe Schedule) |
| <b>B</b> - Instrument Connection                 | <b>E</b> - Tip Thickness                        |
| <b>C</b> - Process Connection                    | <b>U</b> - Insertion Length                     |
| <b>F</b> - Major Diameter (As per Pipe Schedule) | <b>H</b> - Extension Length                     |

#### Typical Thermowell Installation



How To Order					Example
<b>Basic Model</b>					TW3
Type					
<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		XXX
<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)	XXX
<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)	
				<b>M24</b> M24 x 1.5 (F)	
				<b>M24</b> M27 x 2 (F)	
				<b>M33</b> M33 x 2 (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)	XXX	
<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)		
			<b>M33</b> M 33 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					XXX
<b>Type Of Head</b>					
H Hex Headed ( Standard )		R Round Headed With Spanner Slots.			X
<b>Extension / Lagging Length "H"</b>					
H50 (Standard)					XXX
For e.g. : for length 65 mm, mention H65					

How To Order				Example
<b>Major Diameter "F"</b>				
<b>Pipe Size &amp; Schedule</b>				
<b>A</b> 1/4" Sch 40	<b>C</b> 3/8" Sch 40	<b>E</b> 1/2" Sch 40	<b>H</b> 7mm ID x 12mm OD	X
<b>B</b> 1/4" Sch 80	<b>D</b> 3/8" Sch 80	<b>F</b> 1/2" Sch 80	<b>I</b> 9mm ID 14mm OD	
Other Pipe Sizes & Schedules are available on request.			<b>J</b> 11mm ID x 16mm OD	
<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>				
<b>PAC</b> Plug and chain in SS	<b>STG</b> SS Tag Plate	<b>ENM</b> Marking by Engraving	XXX	
<b>EPL</b> Electro polishing	<b>LAM</b> Marking by Laser			
<b>Tests &amp; Certification</b>				
<b>CCT</b> Chemical Composition Test	<b>DPT</b> Dye Penetration Test			
<b>31B</b> 3.1B Material Conformity Certificate	<b>PMI</b> 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..