

Special Features :

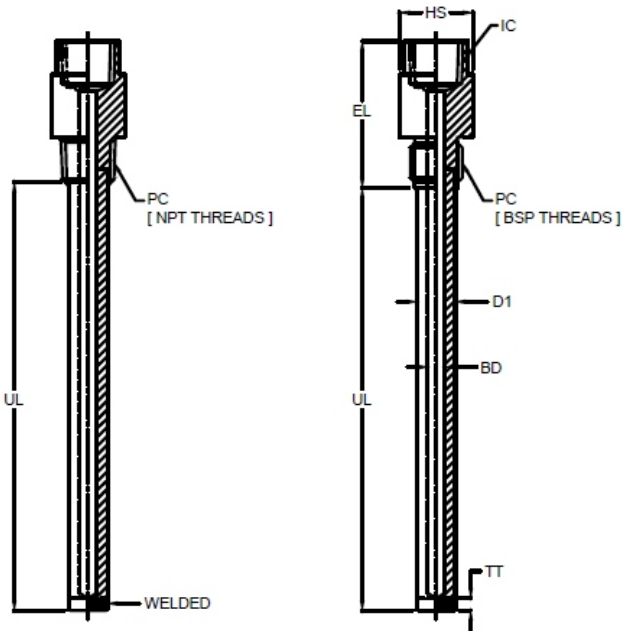
- Ideal for use in longer length tank & vessels where bar stock is a limitation.
- These thermowells are fabricated from pipe with a welded end cap.
- These thermowells are installed directly into the process with the help of threaded process connection.

Applications :

- HVAC Industries.
- Utilities
- Chemical & Pharmaceutical Plants.
- On Shore & Off Shore
- Engineering Plants
- Other similar process Industries



Thermowell Drawings :



- HS - Finished Head Size
- IC - Instrument Connection
- PC - Process Connection
- BD - Bore Diameter
- TT - Tip Thickness
- D1 - Major Diameter
- EL - Extension Length
- UL - Insertion Length

Note: Drawings are not to scale. All Dimensions are in mm.

SELECTION OF MODEL

(1) MODEL CODE

TW3

(2) TYPE

ST

Straight	ST
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(3) MATERIAL

S6

Carbon Steel	CS
AISI 304 SS	S4
AISI 316 SS	S6

AISI 316I SS	S6L
AISI 321 SSI	S21
AISI 310 SS	S10

Inconel 625	IN
Brass	BR

Note: Other Materials are available on Request.

SELECTION OF MODEL

(4) INSTRUMENT CONNECTION "IC"

3/8" BSP(F)	3BF
3/8" NPT(F)	3NF
3/8" R(F)	3RF
3/8" G(F)	3GF
1/2" BSP(F)	4BF
1/2"NPT(F)	4NF

1/2" G(F)	4GF
1/2" R(F)	4RF
3/4" BSP(F)	5BF
3/4" NPT(F)	5NF
3/4" G(F)	5GF

3/4" R(F)	5RF
1" BSP(F)	6BF
1" NPT(F)	6NF
1" G(F)	6GF
1" R(F)	6RF

M18 x 1.5(F)	3MF
M20 x 1.5(F)	4MF
M22 x 1.5(F)	5MF
M24 x 1.5(F)	6MF
M27 x 1.5(F)	7MF
M33 x 1.5(F)	9MF

Note: Other Connections are available on Request.

(5) PROCESS CONNECTION "PC"

3/8" BSP(M)	3BM
3/8" NPT(M)	3NM
3/8" R(M)	3RM
3/8" G(M)	3GM
1/2" BSP(M)	4BM
1/2"NPT(M)	4NM

1/2" G(M)	4GM
1/2" R(M)	4RM
3/4" BSP(M)	5BM
3/4" NPT(M)	5NM
3/4" G(M)	5GM

3/4" R(M)	5RM
1" BSP(M)	6BM
1" NPT(M)	6NM
1" G(M)	6GM
1" R(M)	6RM

M18 x 1.5(M)	3MM
M20 x 1.5(M)	4MM
M22 x 1.5(M)	5MM
M24 x 1.5(M)	6MM
M27 x 1.5(M)	7MM
M33 x 1.5(M)	9MM

Note: Other Connections are available on Request.

(6) FINISHED HEAD SIZE "HS"

PLEASE SPECIFY IN mm

e.g. : For 28mm Finished head size, Specify HS28

(7) TYPE OF HEAD

Hex Headed	HH
Round Headed with Spanner Slots*	RS

(8) EXTENSION / LAGGING LENGTH "EL"

EL50 (Standard)

e.g. : For length 50mm, mention EL50.

(9) MAJOR DIAMETER

PIPE SIZE & SCHEDULE

1/4" Sch. 40	1
1/4" Sch. 80	2
3/8" Sch. 40	3

3/8" Sch. 80	4
1/2" Sch. 40	5
1/2" Sch. 80	6

1/2" Sch. 160	7
3/4" Sch. 40	8

3/4" Sch. 80	9
3/4" Sch. 160	10

Note: Other Pipe Sizes & Schedules are available on Request.

(10) TIP THICKNESS "TT"

TT5 (Standard)

e.g. : For Tip Thickness 5mm, specify TT5.

(11) INSERTION LENGTH "UL"

PLEASE SPECIFY IN MM

e.g. : For 1000mm, mention UL1000.

(12) OPTIONS

Plug & Chain in SS	CP
SS Tag Plate	TS
Marking by Laser	LM

4NF

4NM

HS28

HH

EL50

5

TT5

UL1000

XX

SELECTION OF MODEL

(13) TESTS & CERTIFICATION

Chemical Composition Test	TT1
3.1B Material Conformity Certificate	TT2
Dye Penetration Test	TT3
PMI Test	TC5

Example	1	2	3	4	5	6	7	8	9
SELECTION OF MODEL	TW3	ST	S6	4NF	4NM	HS28	HH	EL50	5

Example	10	11	12	13
SELECTION OF MODEL	TT5	UL1000	XX	XX

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