



Utilized anywhere that a welded thermowell required.
Applications include high pressure or high vibration

Material

304, 316, 316L and Duplex stainless steel,
Monel, Hastelloy C and others

Thermometer Connection

1/2" NPT standard

Pipe Size

3/4" or 1" standard

Bore

0.260" (6.604mm) standard

Other

Other configurations available

Ordering Code TWW Series

(Continued on the following page)

TWW - [] - [] - [] - [] - [] - [] - [] - []

Shank Style

Stepped.....
 Straight.....
 Tapered.....

SM
 SH
 ST

Materials

304 SS
 316 SS
 316L SS
 Alloy 800
 Inconel 600
 Duplex 2205
 Monel
 Hastelloy C
 Tantalum
 Titanium
 Special

2
 5
 L
 Y
 C
 D
 M
 H
 N
 A
 Z

Instrument Connection Size

1/4"
 1/2"
 3/4"
 3/8"
 Special requests

4
 2
 5
 3
 Z

Instrument Connection Threaded Standard

NPT
 G (B)
 BSP(P)
 BSPT
 M20 X 1.5
 Special requests

N
 G
 B
 T
 M
 Z

Overall Length "L" in mm

4" (100mm) 0 4 0
 120mm 1 2 0
 150mm 1 5 0
 Others, please specify the length in mm XXX

Length "H" Dimension in mm

45mm, standard, lag length "T"= 0 4 5
 Others please specify "H" in mm with 45mm add lag length "T" in mm Z Z

Immersion Length "U"(Excluded Thread Length) in mm

2.5" (63mm) 0 2 5
 4" (100mm) 0 4 0
 Others, please specify the length in mm XXX

NOTE

Only when U ≤ 1500mm, a thermowell is machined from one bar stock
 U > 1500mm, a thermowell is welded from two components

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Bore Diameter "B" in mm		
6.6mm	66	
7mm	07	
9mm	09	
10mm	10	
12mm	12	
Others, please specify the length in mm	XX (e.g.14mm)	
Root Outside Diameter "Q" in mm		
16mm	16	
18mm	18	
20mm	20	
22mm	22	
24mm	24	
Others, please specify the length in mm.....	XX (e.g.26mm)	
Tip Outside Diameter "D" in mm		
16mm	16	
18mm	18	
20mm	20	
22mm	22	
24mm	24	
Others, please specify the length in mm.....	XX (e.g.26mm)	
Option		
Oxygen Service		VN
NACE MR 0175-2002		NR
Please specify the length in mm for step length M Stepped style not 2.5".....		ZZ

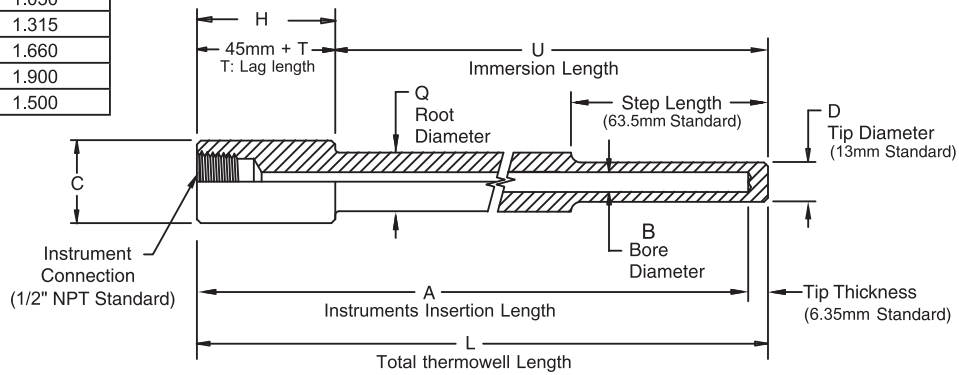
NOTE – USER RESPONSIBILITY

For most industrial applications, a properly selected thermowell must be based on application parameters: fluid type, temperature, pressure, and fluid velocity. Most thermowell failures are due to vibration induced by fluid flow.

Socket Weld Thermowells

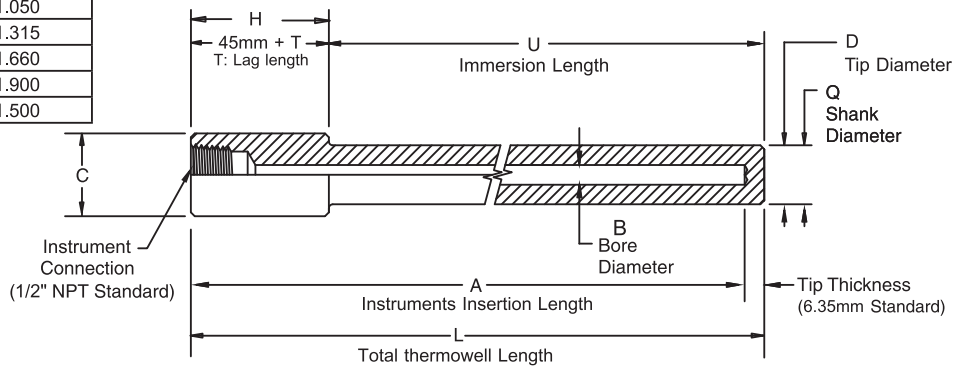
Stepped (Code: SM)

Size (in inches)	Head Diameter "C" (in inches)
3/4	1.050
1	1.315
1-1/4	1.660
1-1/2	1.900
1-1/2 Actual	1.500



Straight (Code: SH)

Size (in inches)	Head Diameter "C" (in inches)
3/4	1.050
1	1.315
1-1/4	1.660
1-1/2	1.900
1-1/2 Actual	1.500



Tapered (Code: ST)

Size (in inches)	Head Diameter "C" (in inches)
3/4	1.050
1	1.315
1-1/4	1.660
1-1/2	1.900
1-1/2 Actual	1.500

