

Series 2511TW : BSS Thermowells Bar Stock (Screwed)

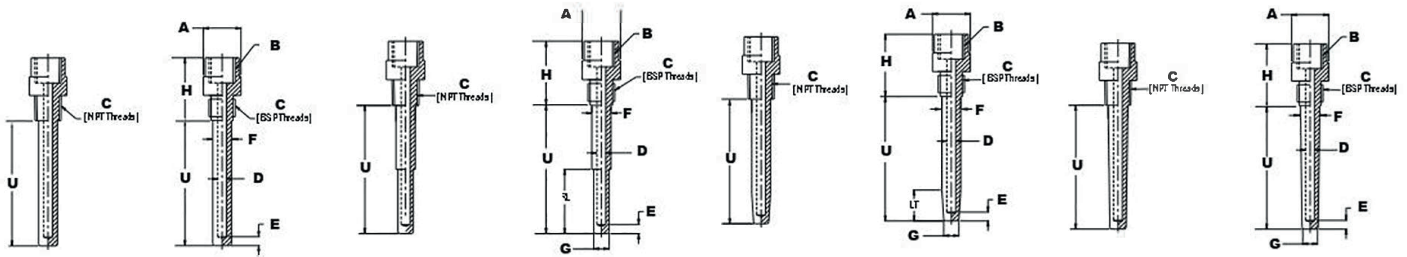
BSS



Features

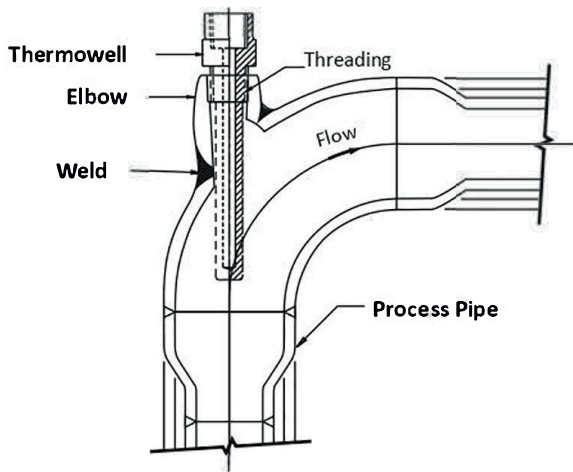
- Design as per PTC 19.3
- These Thermowells are manufactured from solid bar stock and installed into the process with the help of threaded process connection.
- This design is suitable for all type of RTD's, Thermocouples, mechanical as well as digital thermometers
- Available in various shapes like Straight, Straight with reduced tip, partial taper & full taper

Thermowell Drawings



S - Straight	SR - Straight Reduced Tip	PT - Partial Taper	FT - Full Taper
A - Finished Head Size	E - Tip Thickness	U - Insertion Length	
B - Instrument Connection	F - Major Diameter	RL - Reduced Tip Length	
C - Process Connection	G - Minor Diameter	LT - Taper Length	
D - Bore Diameter	H - Extension Length		

Thermowell Installation



Note: Design and Specifications subject to change without prior notice.

How To Order - Ordering Example : 2511TW: BSS.S.SS.2NPF.2NPM.A28.HH.H50.C.E5.U150.EM

Basic Model		2511TW : BSS					
Code	Type	Code	Type	Code	Type	Code	Type
S	Straight	SR	Straight Reduced Tip	PT	Partial Taper	FT	Full Taper
Code	Material	Code	Material	Code	Material	Code	Material
CS	Carbon Steel	SS410	AISI 410 SS	MON	Monel	TTM	Titanium
SS3	AISI 304 SS	SS347	AISI 347 SS	IL6	Inconel 600	TLM	Tantalum
SS	ASTM A479 Gr. 316	SST	AISI 316Ti SS	IL65	Inconel 625	NIK	Nickel
SSL	AISI 316 SSL	SS3L	AISI 304L SS	IY8	Incolloy 800	HRS	HRS 446
SS321	AISI 321 SS	HTLB	Hastelloy B	IY85	Incolloy 825	AL2	Alloy 20
SS310	AISI 310 SS	HTLC	Hastelloy C	BRS	Brass	KH	Kanthal

Note : Other Materials are available on request.

Code	Instrument Connection "B" T						
38BSF	3/8" BSP (F)	2BSF	1/2" BSP (F)	34BSF	3/4" BSP (F)	2M18F	M18 x 1.5 (F)
38NPF	3/8" NPT (F)	2NPF	1/2" NPT (F)	34NPF	3/4" NPT (F)	2M20F	M20 x 1.5 (F)
38BSTF	3/8" BSPT (F)	2BSTF	1/2" BSPT (F)	34BSTF	3/4" BSPT (F)	2M22F	M22 x 1.5 (F)
38GF	3/8" G (F)	2PF	1/2" PF (F)	1BSF	1" BSP (F)	2M24F	M24 x 1.5 (F)
		2RF	1/2" R (F)	1NPF	1" NPT (F)	2M27F	M27 x 2 (F)
		2GF	1/2" G (F)	1BSTF	1" BSPT (F)	2M33F	M33 x 2 (F)

Note : Other Connections are available on request.

Code	Process Connection "C"								
38BSM	3/8" BSP (M)	2BSM	1/2" BSP (M)	34BSM	3/4" BSP (M)	1BSM	1" BSP (M)	2M20	M 20 x 1.5 (M)
38NPM	3/8" NPT (M)	2NPM	1/2" NPT (M)	34NPM	3/4" NPT (M)	1NPM	1" NPT (M)	2M24M	M 24 x 1.5 (M)
38BSTM	3/8" BSPT (M)	2BSTM	1/2" BSPT (M)	34BSTM	3/4" BSPT (M)	1BSTM	1" BSPT (M)	2M27M	M 27 x 2 (M)
38GM	3/8" G (M)	2PM	1/2" PF (M)	34PM	3/4" PF (M)	1PM	1" PF (M)	2M33M	M 33 x 2 (M)
		2RM	1/2" R (M)	34RM	3/4" R (M)	1RM	1" R (M)		
		2GM	1/2" G (M)	34GM	3/4" G (M)	1GM	1" G (M)		

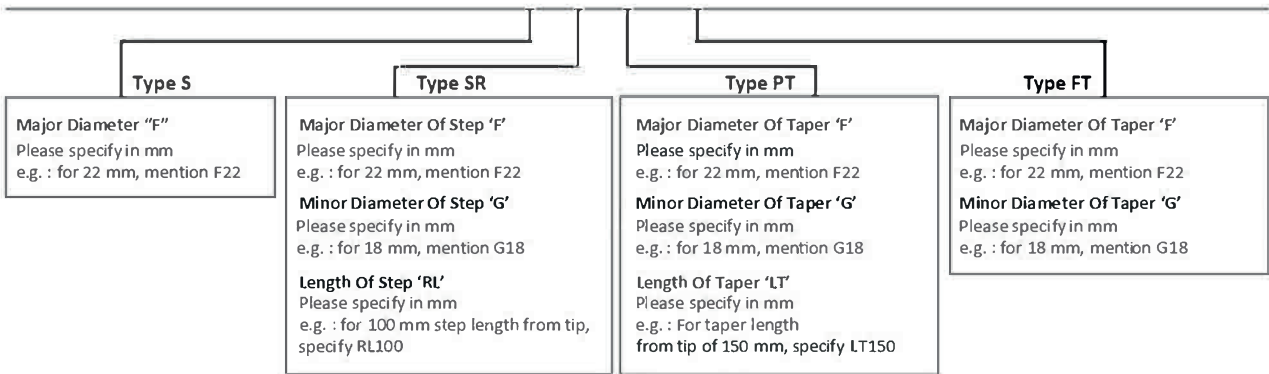
Note : Other Connections are available on request.

Code	Finished Head Size "A"		
A XX	Please Specify in mm e.g. : For 28 mm Finished head Size, specify A28		
Code	Type Of Head	Code	Type Of Head
HH	Hex Headed*	RHS	Round Headed With Spanner Slots#

* Maximum "U" Length below thread will be 250 mm. # Except material option BRS.

Code	Extension / Lagging Length						
HXX	Please Specify in mm e.g. : for length 75 mm, mention H75						
Code	Bore Diameter "D"	Code	Bore Diameter "D"	Code	Bore Diameter "D"	Code	Bore Diameter "D"
A	6.6 mm	B	7 mm	C	8.5 mm	D	9 mm
E	10.5 mm	F	11mm	G	13 mm	H	13.5 mm

Major Diameter



Code	Tip Thickness "E"
E XX	Please specify in mm. e.g. : Specify E5 for 5 mm Tip Thickness

Code	Insertion Length "U"
U XX	Please specify in mm e.g. : for 250 mm, mention U 250

Code	Options	Code	Options	Code	Options
GG	Plug and chain in SS	ST	SS Tag Plate	EM	Marking by Engraving
EP	Electro polishing	LM	Marking by Laser		

Code	Tests & Certification	Code	Tests & Certification
C1	Radiography for Bore Concentricity	C7	Wake Frequency Calculations as per PTC 19.3*
C2	IBR Certification	C8	Certification for Hydrogen Service
C3	Mechanical Test	C9	Certification for Oxygen Service
C4	Ultrasonic Test	T1	Chemical Composition Test
C5	PMI Test	MTC	3.1B Material Conformity Certificate
C6	IGC Test	CN	Conformity as per NACE Standard

* Please Specify Fluid, Max. Pressure, Temperature & Flow velocity for wake frequency calculations as per PTC 19.3