## W1

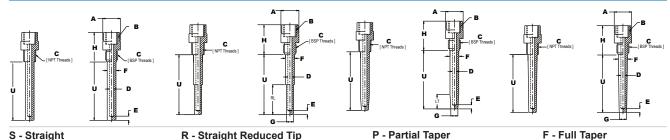
Thermowells Bar Stock (Screwed)



#### Special 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
- 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

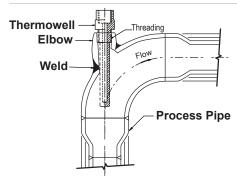


- S Straight
- A Finished Head Size
- **B** Instrument Connection
- C Process Connection
- D Bore Diameter
- R Straight Reduced Tip
- E Tip Thickness
- F Major Diameter
- G Minor Diameter
- H Extension Length

#### P - Partial Taper

- u \_ Insertion Length
- RL Reduced Tip Length
- LT Taper Length

#### Thermowell Installation





How	To Order								Example
	Model								W1
Type									
<b>S</b> - St	raight	R - Stra	R - Straight Reduced Tip			P - Partial	Taper	F - Full Taper	X
Mate	rial								
	arbon Steel	EP AISI 410 SS			LT Monel			LV Titanium	XX
	ISI 304 SS				LU Inconel 600		LW Tantalum		
	ISI 316 SS		AISI 316Ti SS			ES Incone		LX Nickel	
LN AISI 316L SS			ER AISI 304L SS		ET Incolloy 800			LY HRS 446	
EN AISI 321 SS			LR Hastelloy B		EU Incolloy 825			LZ Alloy 20	
EO AISI 310 SS			LS Hastelloy C		MQ Brass			EV Kanthal	
Note	: Other Material	s are available	on request.						
Instru	iment Connect	ion "B"							
<b>3BF</b> 3/8" BSP (F)		4BF 1/2	4BF 1/2" BSP (F)			<b>5BF</b> 3/4" E	SSP (F)	<b>3MF</b> M18 x 1.5 (F)	XXX
3NF	3/8" NPT (F)	4NF 1/2	<b>4NF</b> ½" NPT (F)			<b>5NF</b> 3/4" N	IPT (F)	<b>4MF</b> M20 x 1.5 (F)	
<b>3TF</b> 3/8" BSPT (F)		4TF ½	<b>4TF</b> ½" BSPT (F)		<b>5TF</b> 3/4" BSPT (F)			<b>5MF</b> M22 x 1.5 (F)	
3PF 3	3/8" G (F)	4FF ½	<b>4FF</b> ½" PF (F)			<b>6BF</b> 1" BSP (F)		<b>6MF</b> M24 x 1.5 (F)	
			<b>4YF</b> ½" R (F)			<b>6NF</b> 1" NPT (F)		<b>7MF</b> M27 x 2 (F)	
			<b>4PF</b> ½" G (F)			<b>6TF</b> 1" BSPT (F)		<b>9MF</b> M33 x 2 (F)	
Note	Other Connect	ions are availa	able on reque	est.					
Proce	ess Connection	ı "C"							
<b>3BM</b> 3/8" BSP (M) <b>3NM</b> 3/8" NPT (M) <b>3TM</b> 3/8" BSPT (M) <b>3PM</b> 3/8" G (M)		4BM 1/2	4BM ½" BSP (M) 4NM ½" NPT (M) 4TM ½" BSPT (M)		<b>5BM</b> 3/4" BSP (M) <b>6BM</b> 1" BSP (M)			4MM M 20 x 1.5 (M)	XXX
		4NM 1/2			<b>5TM</b> 3/4" BSPT (M) <b>6TM</b> 1" BSF <b>5FM</b> 3/4" PF (M) <b>6FM</b> 1" PF		6NM 1" NPT (M)	<b>6MM</b> M 24 x 1.5 (M)	
		4TM ½					<b>6TM</b> 1" BSPT (M)	` '	
		4FM 1/2	4FM 1/2" PF (M)				<b>6FM</b> 1" PF (M)		
			<b>4YM</b> ½" R (M)		` '		<b>6YM</b> 1" R (M)		
		4PM ½	` '		3/4"	G (M)	<b>6PM</b> 1" G (M)		
Note	Other Connect	ions are availa							
Finis	hed Head Size	"A"	(Refer Tab	e 1.1 for s	selecti	on of Head S	ize for Thermowell.)		
Pleas	e Specify in mn	1							XXX
e.g. :	For 28 mm Fini	shed head Siz	e, specify A2	28					
Type	Of Head								
K	Hex Heade	d*	M Ro	und Haad	od \\\	ith Spanner S	lote#		X
	mum "U" Lengt				eu W		material option MQ.		^
Exter	sion / Lagging	Length "H"							
,	Standard) g. : for length 7	5 mm, mentior	n H75						XXX
	Diameter "D"	,							
Rore									
Bore A		3 7 mm	<b>C</b> 8	.5 mm	D	9 mm			X

Note : Refer Table 1.3 of Thermowell Design Procedure for dimensions as per PTC 19.3



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