

Thermowells

Thermowells

Threaded, Flanged, Sanitary, Socket, Weld, Weld-in

- **Process Type Thermowells**
- **Used on Bimetal Thermometers**
- **Used on Gas Actuated Thermometers**



Thermowells for temperature instruments are recommended for all process systems where pressure, velocity or viscous, abrasive and corrosive materials are present individually or in combination. A properly selected thermowell protects the temperature instrument from possible damage resulting from these process variables. Furthermore, a thermowell permits removal of the temperature instrument for replacement, repair or testing without effecting the process media or the system.

Standard Features

- **Process Connections:** Threaded, Flanged, Sanitary, Socket, Weld, Weld-in
- **Instrument Connection:** ½" NPSM Standard (National Pipe Standard Mechanical; A straight pipe thread for mechanical joints)
- **Shank Configurations:** Reduced, straight, tapered
- **Bore Diameter:** .260", .385"
- **Materials:** Brass, AISI 304, AISI 316
- **Surface Finish:** Brass: 60-100 Ra; AISI 304 & AISI 316: 60-100 Ra
Sanitary (AISI 304 & AISI 316): 16-20 Ra

Data sheets: [TW.FL](#), [TW.SC](#), [TW.SW](#), [TW.TH](#), [TW.VS](#), [TW.WI](#)

Thermowell Terminology

Process Connection: External means to connect thermowell to process piping system. Wells can be threaded, bolted (to matching flange), clamped or welded in place.

Instrument Connection: Internal threads to connect temperature instrument to thermowell.

"U" Dimension: Length of well inserted into the piping system. Measured from the base of the process connection to the end tip of well.

"T" Dimension: Also called lagging extension. Extends length between the instrument and process connections to accommodate vessel or piping insulation. Standard length is 3" (2" for a well with a 2½" "U" dimension).

"S" Dimension: Instrument insertion length into well.

Bore Diameter: Dimension of internal bore to match the diameter of the instrument stem/bulb inserted into the well. The .260" and .385" bore sizes fit instrument stem/bulb diameters of ¼" and 3/8" respectively. Bore length equals "S" dimension.

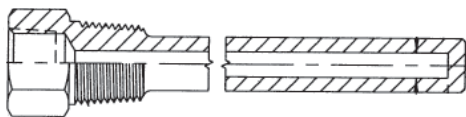
Root Diameter: Diameter of well shank below process connection. This dimension varies with process connection and/or shank design.

Tip Diameter: Diameter of well shank at the end tip of well. This dimension may vary with process connection and/or shank design.

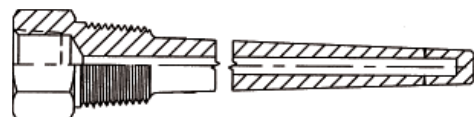
Reduced Shank: Also called reduced tip. The shank O.D. is reduced over the last 2½" of the "U" dimension from the standard root diameter to a ½" O.D. The stepped shank is available with a .260" bore size only.

Straight Shank: Shank O.D. is the same from the root diameter to the tip diameter. The straight shank is generally used with a .385" bore size but a .260" bore size is available.

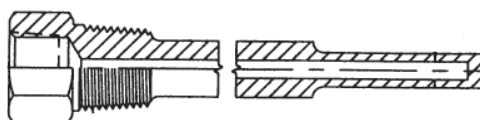
Tapered Shank: Shank O.D. is gradually reduced from the root diameter to the tip diameter. Available with a .260" or .385" bore size. The tapered shank is recommended for heavy duty applications characterized by high vibration, pressure, temperature and/or velocity.



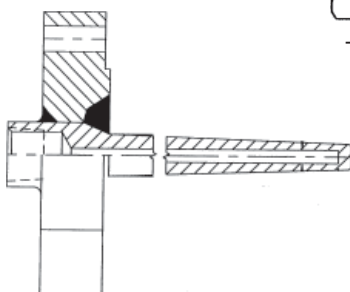
Threaded Straight Configuration



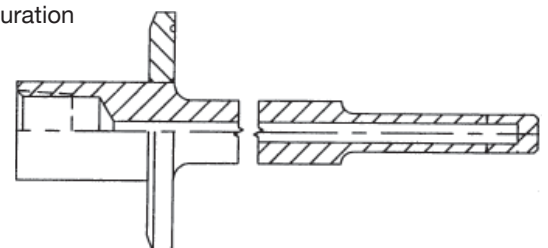
Threaded Tapered Configuration



Threaded Reduced (Stepped) Configuration

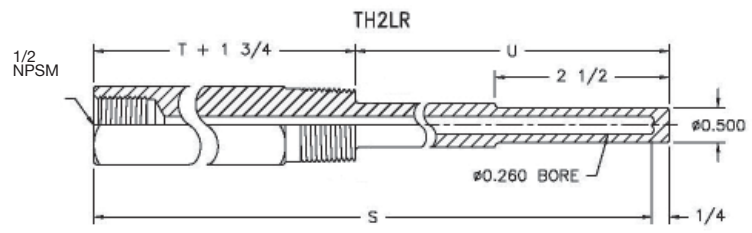
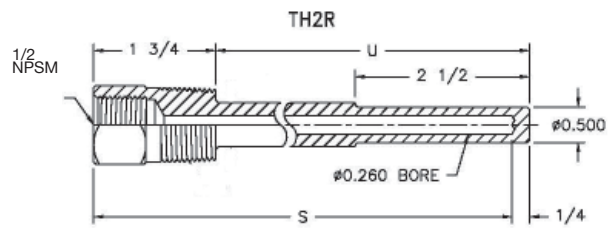


Flanged Taper Configuration



Sanitary Reduced Configuration

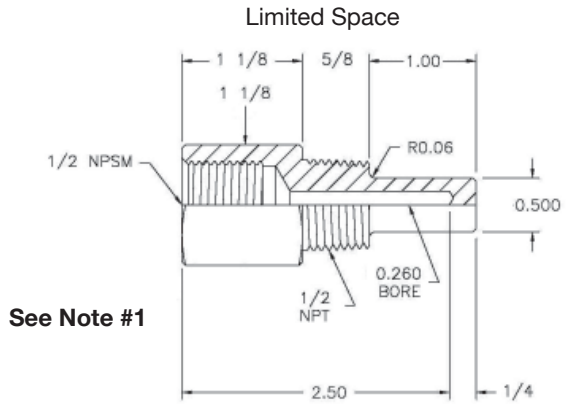
Thermowells TH Threaded Configuration



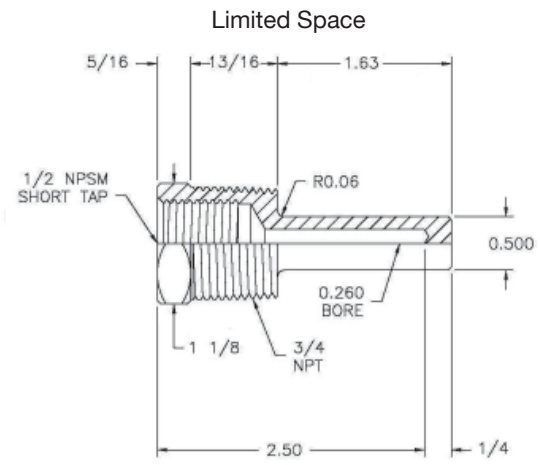
External Thread P	Stem Length S	Insertion Length U	Shank Diameter B
1/2"	4"	2 1/2"	-
	6"	4 1/2"	.625"
	9"	7 1/2"	.625"
	12"	10 1/2"	.625"
	15"	13 1/2"	.625"
	18"	16 1/2"	.625"
3/4"	2 1/2"	1 5/8"	.5"
	4"	2 1/2"	-
	6"	4 1/2"	.75"
	9"	7 1/2"	.75"
	12"	10 1/2"	.75"
	15"	13 1/2"	.75"
1"	18"	16 1/2"	.75"
	24"	22 1/2"	.75"
	2 1/2"	1 5/8"	.5
	4"	2 1/2"	-
	6"	4 1/2"	.875"
	9"	7 1/2"	.875"
1"	12"	10 1/2"	.875"
	15"	13 1/2"	.875"
	18"	16 1/2"	.875"
	24"	22 1/2"	.875"

External Thread P	Stem Length S	Insertion Length U	Lag Extension T	Shank Dia. B
1/2"	6"	2 1/2"	2	-
	9"	4 1/2"	3	.625"
	12"	7 1/2"	3	.625"
	15"	10 1/2"	3	.625"
	18"	13 1/2"	3	.625"
3/4"	24"	19 1/2"	3	.625"
	6"	2 1/2"	2	-
	9"	4 1/2"	3	.75"
	12"	7 1/2"	3	.75"
1"	15"	10 1/2"	3	.75"
	18"	13 1/2"	3	.75"
	24"	19 1/2"	3	.75"
	6"	2 1/2"	2	-
1"	9"	4 1/2"	3	.875"
	12"	7 1/2"	3	.875"
	15"	10 1/2"	3	.875"
	18"	13 1/2"	3	.875"
1"	24"	19 1/2"	3	.875"

Material	Temperature - °F.						
	70°	200°	400°	600°	800°	1000°	1200°
Brass	5000	4200	1000	-----	-----	-----	-----
Carbon Steel	5200	5000	4800	4600	3500	1500	-----
A.I.S.I. - 304	7000	6200	5600	5400	5200	4500	1650
A.I.S.I. - 316	7000	7000	6400	6200	6100	5100	2500
Monel	6500	6000	5400	5300	5200	1500	-----

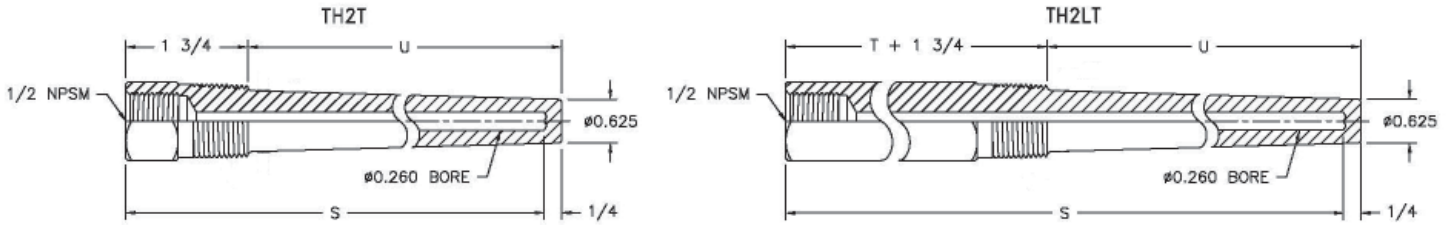


See Note #1



Notes:
 1. Normal "U" dimension on Limited Space well is 1 5/8" for 3/4" NPT and 1" NPT process connection. (For 1/2" NPT process connection, "U" dimension becomes 1" to accommodate 1/2" NPSM female thread. Order as "010", i.e. 50TH2R010CC.

Thermowells TH Threaded Configuration

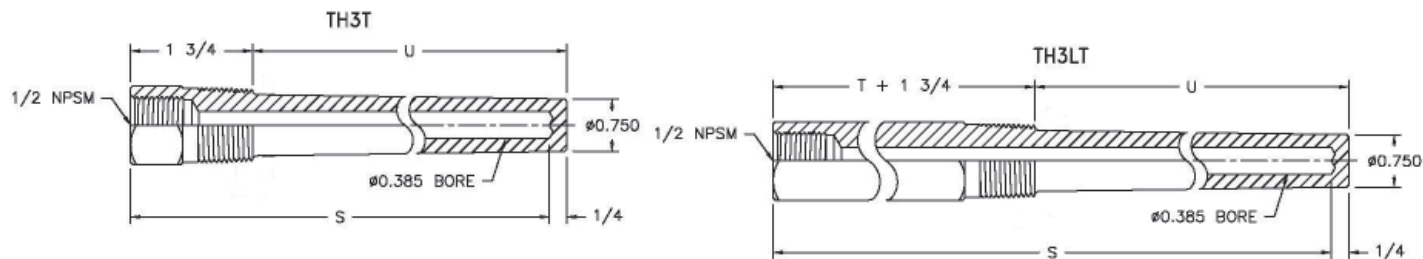


External Thread P	Stem Length S	Insertion Length U	Shank Diameter B
3/4"	4"	2 1/2"	.875"
	6"	4 1/2"	.875"
	9"	7 1/2"	.875"
	12"	10 1/2"	.875"
	15"	13 1/2"	.875"
	18"	16 1/2"	.875"
1"	24"	22 1/2"	.875"
	4"	2 1/2"	1.063"
	6"	4 1/2"	1.063"
	9"	7 1/2"	1.063"
	12"	10 1/2"	1.063"
	15"	13 1/2"	1.063"
18"	16 1/2"	1.063"	
24"	22 1/2"	1.063"	

External Thread P	Stem Length S	Insertion Length U	Lag Extension T	Shank Diameter B
3/4"	6"	2 1/2"	2	.875"
	9"	4 1/2"	3	.875"
	12"	7 1/2"	3	.875"
	15"	10 1/2"	3	.875"
	18"	13 1/2"	3	.875"
	24"	19 1/2"	3	.875"
1"	6"	2 1/2"	2	1.063"
	9"	4 1/2"	3	1.063"
	12"	7 1/2"	3	1.063"
	15"	10 1/2"	3	1.063"
	18"	13 1/2"	3	1.063"
	24"	16 1/2"	3	1.063"

PRESSURE - TEMPERATURE RATING							
Material	Material Temperature - °F.						
	70°	200°	400°	600°	800°	1000°	1200°
Brass	5300	4750	1100	-----	-----	-----	-----
Carbon Steel	5950	5750	5450	5250	4000	1750	-----
A.I.S.I. - 304	7800	7050	6400	6150	6000	5190	1875
A.I.S.I. - 316	7800	7800	7250	7100	6950	5800	2720
Monel	7450	6850	6150	6100	5940	1750	-----

Thermowells TH Threaded Configuration

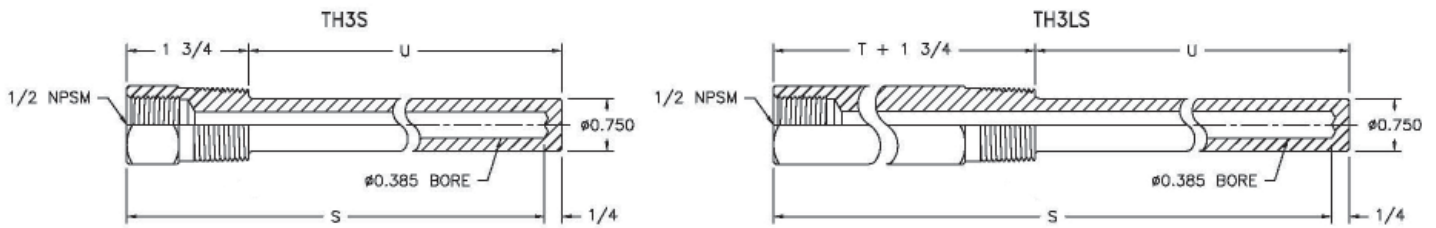


External Thread P	Stem Length S	Insertion Length U	Shank Diameter B
3/4"	4"	2 1/2"	.875"
	6"	4 1/2"	.875"
	9"	7 1/2"	.875"
	12"	10 1/2"	.875"
	15"	13 1/2"	.875"
	18"	16 1/2"	.875"
	24"	22 1/2"	.875"
1"	4"	2 1/2"	1.063"
	6"	4 1/2"	1.063"
	9"	7 1/2"	1.063"
	12"	10 1/2"	1.063"
	15"	13 1/2"	1.063"
	18"	16 1/2"	1.063"
	24"	22 1/2"	1.063"

External Thread P	Stem Length S	Insertion Length U	Lag Extension T	Shank Diameter B
3/4"	6"	2 1/2"	2	.875"
	9"	4 1/2"	3	.875"
	12"	7 1/2"	3	.875"
	15"	10 1/2"	3	.875"
	18"	13 1/2"	3	.875"
	24"	19 1/2"	3	.875"
	1"	6"	2 1/2"	2
9"		4 1/2"	3	1.063"
12"		7 1/2"	3	1.063"
15"		10 1/2"	3	1.063"
18"		13 1/2"	3	1.063"
24"		16 1/2"	3	1.063"

Material	Temperature - °F.						
	70°	200°	400°	600°	800°	1000°	1200°
Brass	5000	4200	1000	-----	-----	-----	-----
Carbon Steel	5200	5000	4800	4600	3500	1500	-----
A.I.S.I. - 304	7000	6200	5600	5400	5200	4500	1650
A.I.S.I. - 316	7000	7000	6400	6200	6100	5100	2500
Monel	6500	6000	5400	5300	5200	1500	-----

Thermowells TH Threaded Configuration



Extended Length P	Stem Length S	Insertion Length U
3/4"	4"	2 1/2"
	6"	4 1/2"
	9"	7 1/2"
	12"	10 1/2"
	15"	13 1/2"
	18"	16 1/2"
1"	24"	22 1/2"
	4"	2 1/2"
	6"	4 1/2"
	9"	7 1/2"
	12"	10 1/2"
	15"	13 1/2"
18"	16 1/2"	
24"	22 1/2"	

Extended Lag P	Stem Length S	Insertion Length U	Lag Extension T
3/4"	6"	2 1/2"	2"
	9"	4 1/2"	3"
	12"	7 1/2"	3"
	15"	10 1/2"	3"
	18"	13 1/2"	3"
	24"	19 1/2"	3"
1"	6"	2 1/2"	2"
	9"	4 1/2"	3"
	12"	7 1/2"	3"
	15"	10 1/2"	3"
	18"	13 1/2"	3"
	24"	19 1/2"	3"

Material	Temperature - °F.						
	70°	200°	400°	600°	800°	1000°	1200°
Brass	5000	4200	1000	-----	-----	-----	-----
Carbon Steel	5200	5000	4800	4600	3500	1500	-----
A.I.S.I. - 304	7000	6200	5600	5400	5200	4500	1650
A.I.S.I. - 316	7000	7000	6400	6200	6100	5100	2500
Monel	6500	6000	5400	5300	5200	1500	-----

Thermowells TH Threaded Configuration

Threaded Thermowells - General Use

Models TH2 (.260 Bore) stepped (reduced) shank, without lag ONLY

Size	Model	No Lag U DIM	S DIM	304 SS	316 SS	Size	Model	No Lag U DIM	S DIM	304 SS	316 SS
1/2" NPT or 3/4" NPT	TH2R	1 5/8	2 1/2	\$26.32	\$27.79	1" NPT	TH2R	1 5/8	2 1/2	\$31.91	\$32.79
		2 1/2	4	\$33.81	\$39.19			2 1/2	4	\$37.79	\$43.08
		4 1/2	6	\$42.20	\$47.63			4 1/2	6	\$48.66	\$55.86
		7 1/2	9	\$53.07	\$59.09			7 1/2	9	\$65.13	\$80.85
		10 1/2	12	\$66.74	\$76.01			10 1/2	12	\$85.71	\$97.76
		13 1/2	15	\$135.53	\$141.86			13 1/2	15	\$161.85	\$169.20
		16 1/2	18	\$161.70	\$169.34			16 1/2	18	\$192.58	\$202.13
		22 1/2	24	\$226.83	\$250.05			22 1/2	24	\$226.83	\$250.05

Threaded Thermowells - Special Configuration

Models TH2 (.260 Bore) & TH3 (.385) bore, tapered, stepped (reduced) or straight shank, with or without lag

Size	Model	No Lag U DIM	With Lag		S DIM	Brass	304 SS	316 SS	Carbon ST
			U DIM	T DIM					
1/2" NPT or 3/4" NPT	TH2R	1 5/8	--	--	2 1/2	\$27.50	\$26.32	\$27.79	\$19.99
	TH2S	2 1/2	--	--	4	\$41.16	\$39.40	\$41.16	\$29.99
	TH2LR	4 1/2	2 1/2	2	6	\$59.39	\$56.90	\$59.39	\$43.37
	TH3S	7 1/2	4 1/2	3	9	\$86.88	\$82.91	\$86.88	\$63.36
	TH3LS	10 1/2	7 1/2	3	12	\$114.37	\$109.23	\$114.37	\$83.36
	TH2T	13 1/2	10 1/2	3	15		\$135.53	\$141.86	
	TH2LT	16 1/2	13 1/2	3	18		\$161.70	\$169.34	
	TH3T	22 1/2	19 1/2	3	24		\$226.67	\$250.05	
	TH3LT								
Size	Model	No Lag U DIM	With Lag S		Dim	Brass	304 SS	316 SS	Carbon ST
			U DIM	T DIM					
1" NPT	TH2R	1 5/8	--	--	2 1/2	\$32.79	\$31.91	\$32.79	\$25.58
	TH2S	2 1/2	--	--	4	\$49.10	\$47.04	\$49.10	\$38.81
	TH2LR	4 1/2	2 1/2	2	6	\$71.01	\$67.91	\$71.01	\$56.01
	TH3S	7 1/2	4 1/2	3	9	\$103.78	\$99.08	\$103.78	\$81.73
	TH3LS	10 1/2	7 1/2	3	12	\$136.42	\$130.54	\$136.42	\$107.46
	TH2T	13 1/2	10 1/2	3	15		\$161.85	\$169.30	
	TH2LT	16 1/2	13 1/2	3	18		\$192.57	\$201.98	
	TH3T	22 1/2	19 1/2	3	24		\$226.67	\$250.05	
	TH3LT								

Threaded Thermowell Factory Stock

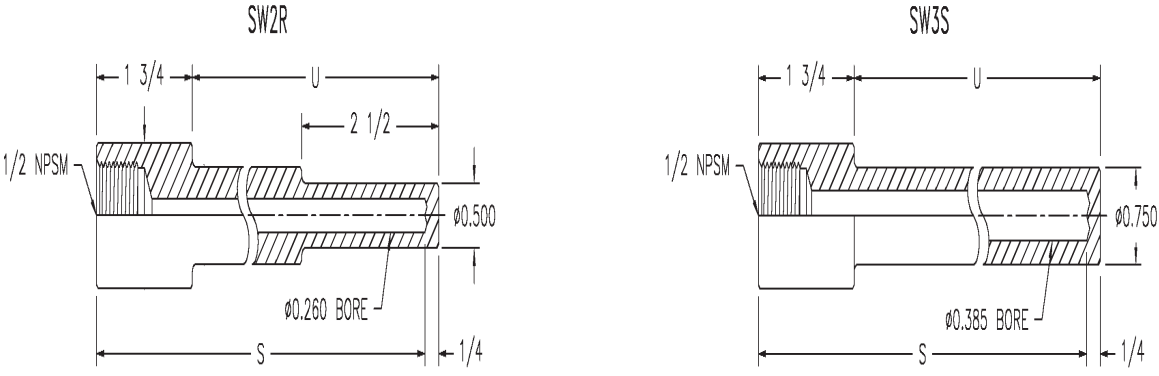
Part Number	List
75TH2R015BR	\$27.50
75TH2R015CC	\$26.32
75TH2R015SS	\$27.79
75TH2R025BR	\$41.16
75TH2R025CC	\$33.81
75TH2R025SS	\$39.19
75TH2LR025SS	\$59.39
75TH2R045BR	\$59.39
75TH2R045CC	\$42.20
75TH2R045SS	\$47.63
75TH2T045CC	\$56.90
75TH2T045SS	\$59.39
75TH2LR045SS	\$86.88
75TH2R075CC	\$53.07
75TH2R075SS	\$59.09
50TH2R010BR	\$27.50
50TH2R010CC	\$26.32
50TH2R010SS	\$27.79
50TH2R025BR	\$41.16
50TH2R025CC	\$33.81
50TH2R025SS	\$39.19

NOTE: Stock items shown in **bold, blue** print.

Accessories

Description	Part #	Code	List Price
Brass Cap & Chain	N/A	Code 1	\$14.70
SS Cap & Chain	N/A	Code 2	\$23.16
SS Tag Wired on	N/A	-	\$7.61
Stamping on Well	N/A	-	\$9.58
5.3 oz. tube heat transfer compound	2256045	-	\$32.55
Paper Tag	N/A	-	\$2.67

Thermowells SW Socket/Weld Configuration



Pipe Size P	Stem Length S	Insertion Length U
3/4" 1.050 DIA.	4"	2 1/2"
	6"	4 1/2"
	9"	7 1/2"
	12"	10 1/2"
	15"	13 1/2"
	18"	16 1/2"
1" 1.315 DIA.	4"	2 1/2"
	6"	4 1/2"
	9"	7 1/2"
	12"	10 1/2"
	15"	13 1/2"
	18"	16 1/2"
24"	22 1/2"	

Pipe Size P	Stem Length S	Insertion Length U
3/4" 1.050 DIA.	4"	2 1/2"
	6"	4 1/2"
	9"	7 1/2"
	12"	10 1/2"
	15"	13 1/2"
	18"	16 1/2"
1" 1.315 DIA.	4"	2 1/2"
	6"	4 1/2"
	9"	7 1/2"
	12"	10 1/2"
	15"	13 1/2"
	18"	16 1/2"
24"	22 1/2"	

Material	Temperature - °F.						
	70°	200°	400°	600°	800°	1000°	1200°
Brass	5000	4200	1000	-----	-----	-----	-----
Carbon Steel	5200	5000	4800	4600	3500	1500	-----
A.I.S.I. - 304	7000	6200	5600	5400	5200	4500	1650
A.I.S.I. - 316	7000	7000	6400	6200	6100	5100	2500
Monel	6500	6000	5400	5300	5200	1500	-----

Thermowells SW Socket/Weld Configuration

Socket Weld Models

SW2 (.260 Bore) & SW3 (.385) bore, stepped & straight shank, with or without lag

Size	Model	No Lag	With Lag		S DIM	304 SS	316 SS	Carbon ST
		U DIM	U DIM	T DIM				
3/4"	SW2R SW2LR SW3S SWLS	2½	--	--	4	\$36.22	\$39.10	Consult Factory
		4½	2½	2	6	\$52.49	\$56.45	
		7½	4½	3	9	\$76.59	\$82.47	
		10½	7½	3	12	\$100.84	\$108.49	
		13½	10½	3	15	\$124.95	\$134.51	
		16½	13½	3	18	\$149.21	\$160.52	
		22½	19½	3	24	\$197.57	\$212.56	

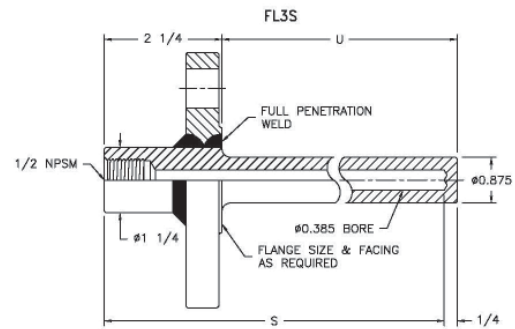
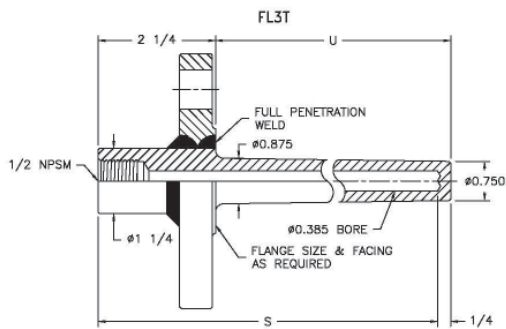
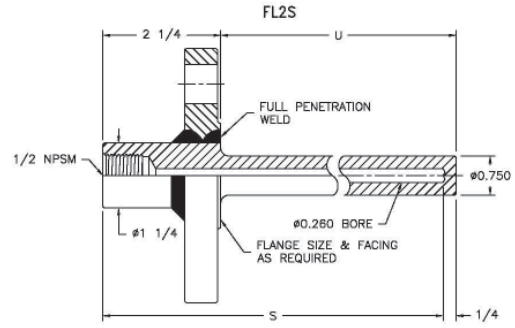
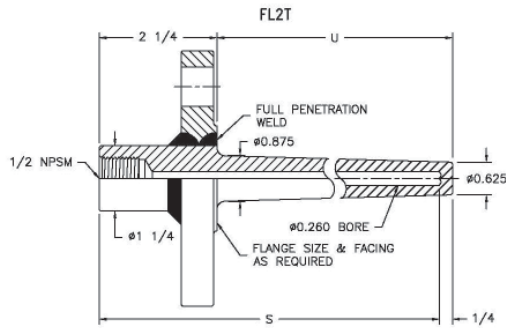
Size	Model	No Lag	With Lag		S DIM	304 SS	316 SS	Carbon ST
		U DIM	U DIM	T DIM				
1"	SW2R SW2LR SW3S SWLS	2½	--	--	4	\$41.75	\$48.82	Consult Factory
		4½	2½	2	6	\$60.13	\$66.36	
		7½	4½	3	9	\$87.91	\$97.02	
		10½	7½	3	12	\$115.70	\$127.60	
		13½	10½	3	15	\$143.47	\$157.15	
		16½	13½	3	18	\$171.26	\$188.90	
		22½	19½	3	24	\$226.67	\$245.20	

Accessories

Description	Part #	Code	List Price
Brass Cap & Chain	N/A	Code 1	\$14.70
SS Cap & Chain	N/A	Code 2	\$23.16
SS Tag Wired on	N/A	-	\$7.61
Stamping on Well	N/A	-	\$9.58
5.3 oz. tube heat transfer compound	2256045	-	\$32.55
Paper Tag	N/A	-	\$2.67

NOTE: These accessories also apply to Type TW.WI.

Thermowells FL Flanged Configuration



Stem Length S	Insertion Length U
4"	2"
6"	4"
9"	7"
12"	10"
15"	13"
18"	16"
24"	22"

MAXIMUM FLANGE PRESSURE - TEMPERATURE RATING LBS. PER SQ. INCH							
Material	Temperature - °F. (FL2T/FL3T)						
	0°	200°	400°	600°	800°	1000°	1125°
Carbon Steel	-----	UP -----	TO -----	-----	2500#		
A.I.S.I. - 304	-----	UP -----	TO -----	-----	-----	2500#	
A.I.S.I. - 316	-----	UP -----	TO -----	-----	-----	-----	2500#
Monel	-----	UP -----	TO -----	-----	-----	2500#	

Thermowells FL Flanged Configuration

Table 1- Shank Type

Model #FL2 and FL3 for Flanges up to & including 600#					Model #FL2 and FL3 for Flanges OVER 600#				
U Dim	S Dim	Carbon Steel C-1018	304 SS	316 SS	U Dim	S Dim	Carbon Steel C-1018	304 SS	316 SS
2	4	\$59.39	\$66.89	\$69.38	2	4	\$60.72	\$71.89	\$78.20
4	6	\$83.79	\$94.82	\$98.49	4	6	\$85.71	\$102.17	\$111.43
7	9	\$120.40	\$136.71	\$142.16	7	9	\$123.19	\$147.59	\$161.27
10	12	\$169.20	\$192.57	\$200.37	10	12	\$173.17	\$208.15	\$227.56
13	15	\$212.27	\$242.12	\$251.02	13	15	\$216.68	\$261.52	\$286.92
16	18	\$252.55	\$288.27	\$299.88	16	18	\$257.84	\$311.50	\$341.92
22	24	\$333.10	\$380.59	\$396.02	22	24	\$362.36	\$411.46	\$341.88

Table 2- Flange Type

Size	Rating & Facing	Carbon Steel C-1018	304 SS	316 SS
1"	150# RF or FF	\$128.04	\$165.52	\$167.58
1½"	150# RF or FF	\$150.98	\$185.08	\$191.25
2"	150# RF or FF	\$179.48	\$224.18	\$239.61
1"	150# RTJ	Consult Factory		
1½"	150# RTJ	Consult Factory		
2"	150# RTJ	Consult Factory		
1"	300# RF or FF	\$165.38	\$198.16	\$200.80
1½"	300# RF or FF	\$178.96	\$253.29	\$258.87
2"	300# RF or FF	\$175.97	\$284.75	\$302.39
1"	300# RTJ	Consult Factory		
1½"	300# RTJ	Consult Factory		
2"	300# RTJ	\$250.43	\$303.67	\$309.23

HOW TO ORDER

Specify flange size, rating and facing, thermowell "U" dim., bore dia. and material.

HOW TO PRICE

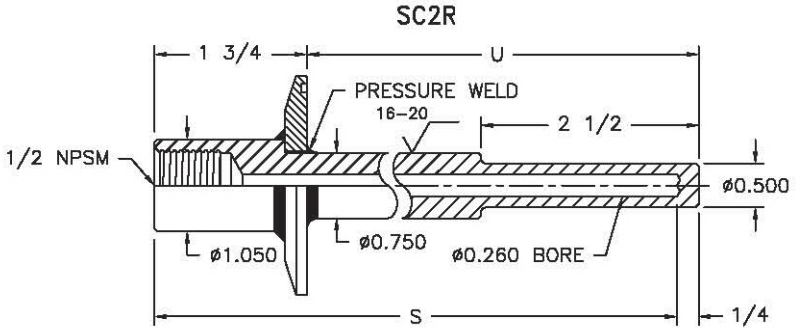
Add list price from well selected in Table 1 to list price of flange selected in Table 2.

Raised face flange supplied as standard ANSI serrated. Specify 125 RMS smooth face if required at no extra charge.

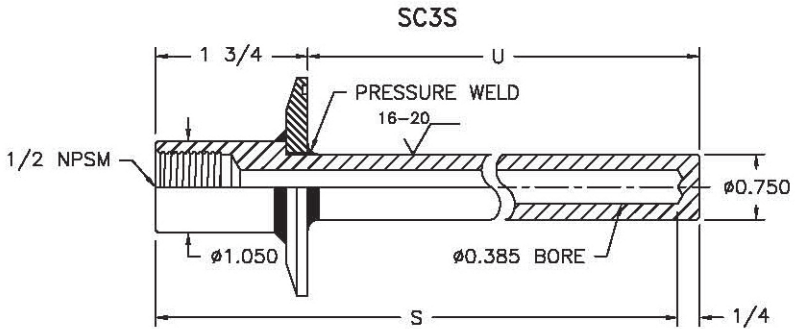
Accessories

Description	Part #	Code	List Price
Brass Cap & Chain	N/A	Code 1	\$14.70
SS Cap & Chain	N/A	Code 2	\$23.16
SS Tag Wired on	N/A	-	\$7.61
Stamping on Well	N/A	-	\$9.58
5.3 oz. tube heat transfer compound	2256045	-	\$32.55
Paper Tag	N/A	-	\$2.67

Thermowells SC Sanitary Configuration



- Meet USDA and 3A Sanitary Standard 74-03.
- Available with 1", 1 1/2", 2", and 3" solid end caps. Special designs available upon request.
- Standard finish AISI 304 and AISI 316, 16-20 Ra.



Note: Minimum stem length is 4"

Thermowells SC Sanitary Configuration

Sanitary							
Type SC2 (.260 Bore) & SC3 (.385) bore, stepped or straight shank, with or without lag							
Size	Model	No Lag	With Lag		S	304	316
		U DIM	U DIM	T DIM	DIM	SS	SS
1"	SC2R	--	--	--	--		
	SC2LR	2½	--	--	4	\$212.27	\$227.56
1½"	SC3S	4½	2½	2	6	\$243.73	\$259.01
	SC3LS	7½	4½	3	9	\$290.92	\$306.21

Size	Model	No Lag	With Lag		S	304	316
		U DIM	U DIM	T DIM	DIM	SS	SS
2"	SC2R	--	--	--	--		
	SC2LR	2½	--	--	4	\$219.03	\$237.71
	SC3S	4½	2½	2	6	\$250.49	\$269.16
	SC3LS	7½	4½	3	9	\$297.68	\$313.50

Type SC2 (.260 Bore) & SC3 (.385) bore, tapered shank, with or without lag							
Size	Model	No Lag	With Lag		S	304	316
		U DIM	U DIM	T DIM	DIM	SS	SS
1"	SC2T	--	--	--	--		
	SC2LT	2-1/2	--	--	4	\$217.13	\$232.71
1½"	SC3T	4-1/2	2-1/2	2	6	\$249.31	\$264.89
	SC3LT	7-1/2	4-1/2	3	9	\$297.53	\$313.26

Size	Model	No Lag	With Lag		S	304	316
		U DIM	U DIM	T DIM	DIM	SS	SS
2"	SC2T	--	--	--	--		
	SC2LT	2-1/2	--	--	4	\$224.03	\$243.14
	SC3T	4-1/2	2-1/2	2	6	\$256.23	\$261.34
	SC3LT	7-1/2	4-1/2	3	9	\$304.44	\$323.55

Note: Sanitary thermowells are polished 16-20 RA per 3A Sanitary Standards

Accessories			
Description	Part #	Code	List Price
Brass Cap & Chain	N/A	Code 1	\$14.70
SS Cap & Chain	N/A	Code 2	\$23.16
SS Tag Wired on	N/A	-	\$7.61
Stamping on Well	N/A	-	\$9.58
5.3 oz. tube heat transfer compound	2256045	-	\$32.55
Paper Tag	N/A	-	\$2.67

Thermowells For Industrial Glass Thermometers

THERMOWELL PRODUCT CODING EXPLANATION

Process Connection	Type / Bore Dia.	Lag	Shank Design	Nominal Bulb Length Type TH5	For Stem Length	Standard Material	Cap & Chain
75=3/4" 10=1"	TH5 = Threaded .625 min. dia.	Blank=No Lag L=Standard Lag	R = Stepped	035 = 3 1/2" 060 = 6" 090 = 9"	3 1/2" 6" 9"	BR=Brass CC=304SS SS=316SS	1=Brass 2=ST.ST.

WIKAL INDUSTRIAL THERMOWELL CODING EXPLANATION

Model TH5 (.625 Bore) stepped shank, with or without lag

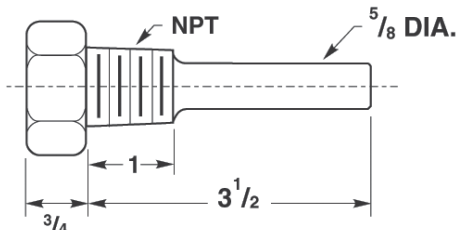
Size	Model	No lag			With lag			"S" DIM	Brass	304 SS	316 SS
		"U" DIM	"U" DIM	"T" DIM	"U" DIM	"T" DIM	"S" DIM				
3/4" or 1"	TH5R	2 9/16"	-----	-----	3 1/2"				\$41.01	\$111.35	\$115.22
	TH5LR	5 1/16"	2 9/16"	2 1/2"	6"				\$57.21	\$143.10	\$168.80
		8 1/16"	5 1/16"	3"	9"				\$95.26	\$166.48	\$187.98
		11 1/16"	8 1/16"	3"	12"				\$117.42	\$195.04	\$255.34

Threaded Thermowells for Industrial Glass Thermometers- Factory Stock

Part Number	List price
75TH5R035BR	\$10.04
75TH5R060BR	\$17.20
75TH5LR035BR	\$11.47

NOTE: Stock items shown in **bold, blue** print.

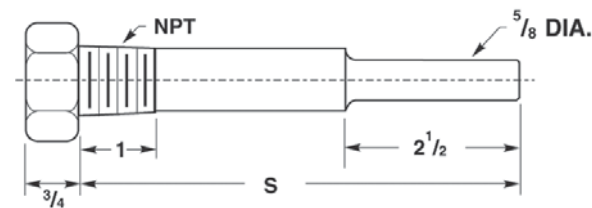
X denotes product availability



Standard Form

Part Number	NPT
75TH5R035BR	3/4"

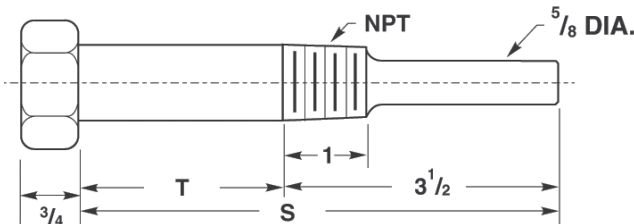
Note: 1" NPT also available



Standard Form

Part Number	S	NPT
75TH5R060BR	6	3/4"
75TH5R090BR	9	3/4"
75TH5R120BR	12	3/4"

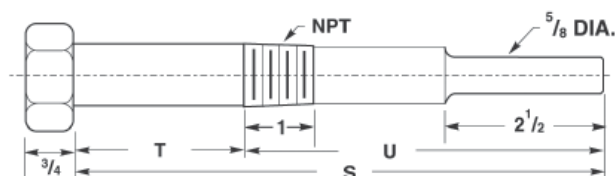
Note: 1" NPT also available



Lagging Extension

Part Number	S	T	NPT
75TH5LR060BR	6	2 1/2"	3/4"

Note: 1" NPT also available



Lagging Extension

Part Number	S	T	U	NPT
75TH5LR090BR	9	3"	5 1/16"	3/4"
75TH5LR120BR	12	3"	8 1/16"	3/4"

Note: 1" NPT also available