

## Socket Weld Thermowells



A thermowell provides invaluable triple duty service, by protecting your delicate temperature sensing instrumentation.

- Protects your instrument against corrosive effects and resulting physical damage caused by media flow.
- Permits instrument interchange or calibration check without disturbing or closing down the process.
- Helps to contain dangerous or costly process fluids, when properly installed as an integral part of the vessel or piping.

Socket weld thermowells are permanently welded into a weldolet, preferred for high temperature and high pressure applications, especially steam lines.

- *One piece bar stock construction*
- *Large selection of mill traceable materials*
- *Stamped with material, heat number and date code*
- *Various test reports and certifications*

### PRODUCT SPECIFICATIONS

<b>Type:</b>	Socket Weld
<b>Shank Style:</b>	Tapered
<b>Bore Size:</b>	.260, .385
<b>Process</b>	
<b>Connection:</b>	¾, 1
<b>Materials:</b>	304 SS, 316 SS. Carbon steel and others available on application
<b>Instrument Connection:</b>	½ NPSM standard, NPT or others optional

### PRODUCT OPTIONS

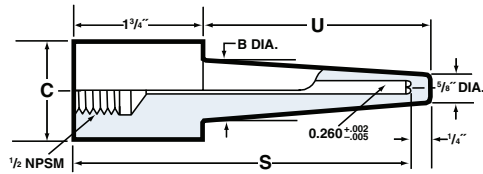
- SS tag
- Cap and chain
- Material test reports

### TYPICAL CODE

75 SIZE		W	0750 U-DIMENSION		THREAD	LAGGING	H SHANK	S TYPE	260 BORE	C MATERIAL	CAP & CHAIN	VARIATION	SPECIAL LAGGING LENGTH
CODE	INCHES		CODE	INCHES		CODE	LAGGING	CODE	TYPE	CODE	TYPE		
75	¾		0250	2½		-	Without	S	Socket-Weld	B	Carbon Steel		
10	1		0450	4½		L	With			C	304		
			0750	7½						S	316		
			1050	10½									
			1350	13½									
			1650	16½									
			1950	19½									
			2250	22½									
					CODE	INTERNAL THD.							
					-	½ NPSM							
					2	½ NPT							
					CODE	SHANK							
					H	Tapered							
					S	Straight							
					R	Stepped							
					CODE	DIAMETER							
					260	.260							
					385	.385							
					CODE	MATERIAL							
					1	Brass							
					2	SS							

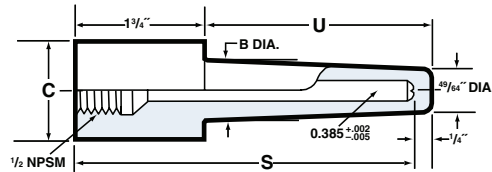
## Socket Weld Thermowells

### Tapered Shank\* 3/4" & 1" Pipe Sizes 1/4" Nominal Bore



\*Fits 3000# Sockalet

### Tapered Shank\* 3/4" & 1" Pipe Sizes 3/8" Nominal Bore



\*Fits 3000# Sockalet

#### Legend:

- U = Shank length under threads
- P = Process connection NPT
- S = Bore depth = instrument element length including threads
- C = Hub diameter

Dimensions (inches)			Part Number	
S	U	P	1/4" Bore	3/8" Bore
4	2 1/2	3/4	75W0250HS260	75W0250HS385
		1	10W0250HS260	10W0250HS385
6	4 1/2	3/4	75W0450HS260	75W0450HS385
		1	10W0450HS260	10W0450HS385
9	7 1/2	3/4	75W0750HS260	75W0750HS385
		1	10W0750HS260	10W0750HS385
12	10 1/2	3/4	75W1050HS260	75W1050HS385
		1	10W1050HS260	10W1050HS385
15	13 1/2	3/4	75W1350HS260	75W1350HS385
		1	10W1350HS260	10W1350HS385
18	16 1/2	3/4	75W1650HS260	75W1650HS385
		1	10W1650HS260	10W1650HS385
24	22 1/2	3/4	75W2250HS260	75W2250HS385
		1	10W2250HS260	10W2250HS385

P	C	B	Bore
3/4"	1.050"	.78"	1/4"
		.87"	3/8"
1"	1.315"	1.03"	1/4" & 3/8"