

## Weld-In 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.

A weld-in thermowell is welded directly into the process tank or piping serving to isolate and protect your temperature instrumentation.

- *One piece bar stock construction*
- *Large selection of mill traceable materials*
- *Stamped with material, heat number and date code*
- *Various test reports and certifications*
- *Wake Frequency Calculations per ASME PTC 19.3 -2010*

### PRODUCT SPECIFICATIONS

<b>Type:</b>	Welded
<b>Shank Style:</b>	Tapered
<b>Bore Size:</b>	.260, .385
<b>Process</b>	
<b>Connection:</b>	1½
<b>Materials:</b>	304 SS, 316 SS with many others available on application
<b>Instrument</b>	
<b>Connection:</b>	½ NPSM standard, NPT or others optional

### PRODUCT OPTIONS

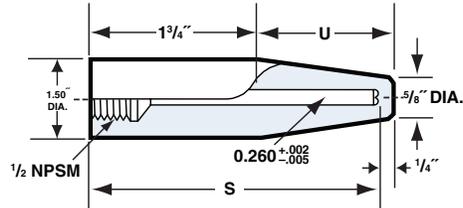
- Special bore diameters
- Additional size process connections
- NPT threads for instrument connections
- Stamp tag numbers on thermowell
- SS tag
- Cap and chain
- Material test reports
- Wake frequency calculations

### TYPICAL CODE

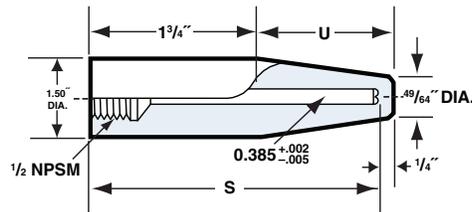
<u>15</u>		<u>W</u>	<u>0750</u>			<u>H</u>	<u>W</u>	<u>260</u>	<u>CL</u>			
SIZE			U-DIMENSION		THREAD	LAGGING	SHANK	BORE	MATERIAL	CAP & CHAIN	VARIATION	SPECIAL LAGGING LENGTH
<b>CODE</b>	<b>INCHES</b>		<b>CODE</b>	<b>INCHES</b>		<b>CODE</b>	<b>LAGGING</b>	<b>CODE</b>	<b>TYPE</b>		<b>CODE</b>	<b>TYPE</b>
15	1½		0250	2½		-	Without	W	Weld-In.		CL	304
			0450	4½		L	With				SL	316
			0750	7½								
			1050	10½								
			1350	13½								
			1650	16½								
			2250	22½								
					<b>CODE</b>	<b>INTERNAL THD.</b>		<b>CODE</b>	<b>DIAMETER</b>		<b>CODE</b>	<b>MATERIAL</b>
					-	½ NPSM	H	Tapered	260	.260	1	Brass
					2	½ NPT			385	.385	2	SS

## Weld-In Thermowells

### 1/4" Nominal Bore



### 3/8" Nominal Bore



Dimensions (inches)		Part Number	
S	U	1/4" Bore	3/8" Bore
4	2 1/2	15W0250HW260	15W0250HW385
6	4 1/2	15W0450HW260	15W0450HW385
9	7 1/2	15W0750HW260	15W0750HW385
12	10 1/2	15W1050HW260	15W1050HW385
15	13 1/2	15W1350HW260	15W1350HW385
18	16 1/2	15W1650HW260	15W1650HW385
24	22 1/2	15W2250HW260	15W2250HW385