

## 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.

Basic thermowell types are threaded, flanged, socket weld, weld-in, sanitary and van stone.

Shank configurations are available in straight, stepped or tapered styles.

Extensive selection of materials are available to meet the demanding applications. Ashcroft's wide variety of thermowells are available for light duty, high pressures, high temperatures, or high velocity applications as well as meeting many general service industry needs.

- *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>	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</b>	
<b>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		0162	1 <sup>5</sup> / <sub>8</sub>		-	Without	S	Socket-Weld		B	Carbon Steel		
10	1		0250	2½		L	With				C	304		
			0450	4½							S	316		
			0750	7½										
			1050	10½										
			1350	13½										
			1650	16½										
			1950	19½										
			2250	22½										
					CODE	INTERNAL THD.		CODE	SHANK	CODE	DIAMETER		CODE	MATERIAL
					-	½ NPSM		H	Tapered	260	.260		1	Brass
					2	½ NPT				385	.385		2	SS