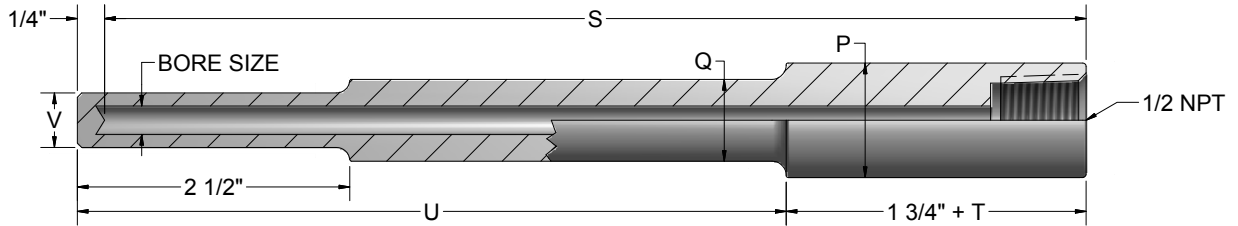


Reduced-Tip, Socket-Weld Thermowells are available in a variety of materials, process connection sizes, lengths, and optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature, pressure and corrosion-resistance requirements. The Reduced-Tip Socket-Weld is designed to be used with a class 3000 weld-o-let which allows the thermowell to be welded permanently into the process. The stepped construction is used in standard-duty applications and increases the speed of response while maintaining mechanical strength. They are designed with standard 0.260" bore diameters to accommodate sensing elements with a 0.252" maximum diameter. These wells are available as separate components or as part of complete sensor assemblies.



("U" length for non-lagging wells) = "S" - 1 1/2"  
 ("U" length for lagging wells) = "S" - 1 1/2" - "T"  
 (To solve for "T"), "T" = "S" - "U" - 1 1/2" (When "U" and "S" are specified)

**Thermowell Dimensions**

"P" PIPE SIZE		"Q"	"V"
NOM.	DIA.		
3/4"	1.050"	3/4" Dia.	1/2" Dia.
1"	1.315"	7/8" Dia.	1/2" Dia.
1 1/4"	1.660"	1 1/4" Dia.	7/8" Dia.
1 1/2"	1.900"	1 1/2" Dia.	7/8" Dia.

### ORDER CODES

**Example Order Number:**

1-0 1-1 1-2 1-3 1-4 1-5 1-6  
**RW 4 D 09 08 T2 C8S**

**1-0 Well Type**

CODE	DESCRIPTION
RW	Reduced-tip socket-weld

**1-1 Bore Size**

CODE	DESCRIPTION
4	0.260" Dia. bore

**1-2 Pipe Size "P"**

CODE	DESCRIPTION
D	3/4" NPS
E	1" NPS
F	1 1/4" NPS
G	1 1/2" NPS

**1-6 Options**

CODE	DESCRIPTION
C8	316 stainless steel well cap and chain
C22	Brass well cap and chain
S	Well stamped with customer-specified part number

**1-5 Optional "T" Lag Dimension**

CODE	DESCRIPTION
	Leave blank if no lag is required
T__	Specify "T" dimension in inches

**1-4 Material**

CODE	DESCRIPTION
XX	Specify two digit material code as stated in the Thermowell Material Table located earlier in section

**1-3 "S" Length**

CODE	DESCRIPTION
XX	Specify length in inches using two digits plus fractional length