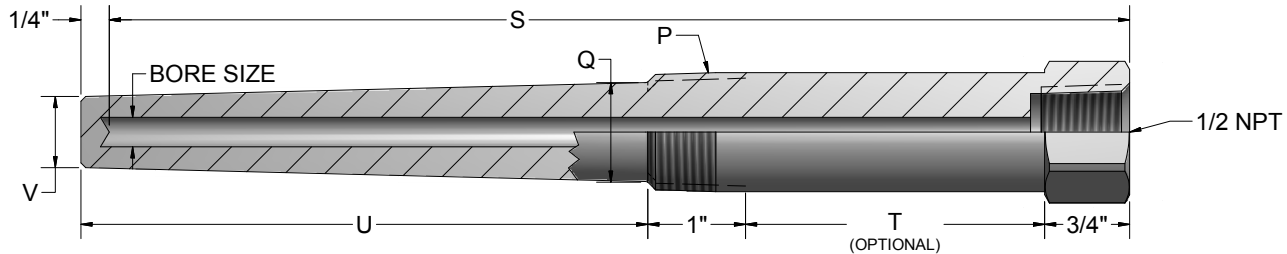


Heavy-Duty, Threaded Thermowells are available in a variety of materials, process connection sizes, lengths and optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature, pressure and corrosion-resistance requirements. They are designed with a standard 0.260" or 0.385" bore diameter to accommodate sensing elements with either a 0.252" or 0.377" maximum diameter, respectively. The tapered design is suited for heavy-duty applications where greater rigidity is required for increased pressure and flow due to process conditions. These wells are available as separate components or as part of complete sensor assemblies.



**Thermowell Dimensions**

"P"	"Q"	"V" (0.260")	"V" (0.385")
1/2" NPT	11/16" Dia.	5/8" Dia.	N/A
3/4" NPT	7/8" Dia.	5/8" Dia.	49/64" Dia.
1" NPT	1 1/16" Dia.	5/8" Dia.	49/64" Dia.
1 1/4" NPT	1 3/8" Dia.	7/8" Dia.	7/8" Dia.
1 1/2" NPT	1 5/8" Dia.	1" Dia.	1" Dia.

Wells are made from round bar with milled wrench hex. 1 1/4" NPT and 1 1/2" NPT wells are supplied as round bar with milled wrench flats.

("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)

Maximum tapered length is 16"

## ORDER CODES

**Example Order Number:**

1-0 1-1 1-2 1-3 1-4 1-5 1-6  
**H 4 D 06 08 T2 C8S**

### 1-0 Well Type

CODE	DESCRIPTION
H	Heavy-duty threaded

### 1-1 Bore Size

CODE	DESCRIPTION
4	0.260" Dia. bore
6	0.385" Dia. bore

### 1-2 Pipe Size "P"

CODE	DESCRIPTION
C <sup>[1]</sup>	1/2" NPT
D	3/4" NPT
E	1" NPT
F	1 1/4" NPT
G	1 1/2" NPT

<sup>[1]</sup>Not available with 0.385" Dia. Bore

### 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