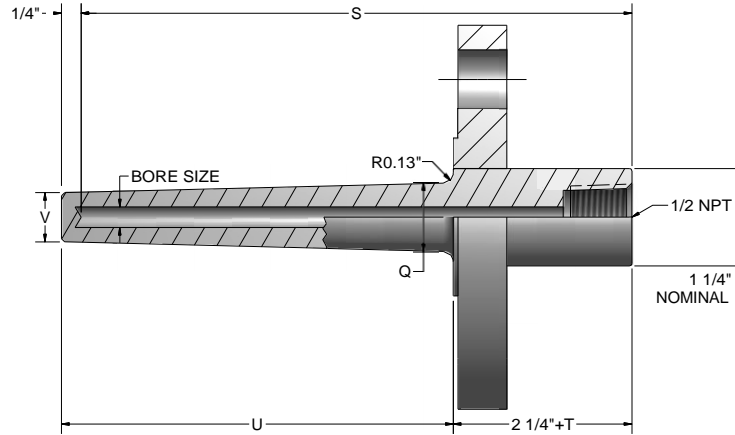


# THERMOWELLS

## Heavy-Duty, Flanged Thermowells

Heavy-Duty, Flanged Thermowells are available in a variety of materials, flange types, flange sizes, and pressure ratings. They are also available in various lengths and with optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature, pressure and corrosion-resistance requirements. Heavy-duty flanged thermowells are supplied with a 0.260" or 0.385" bore diameter to accommodate sensing elements with 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.



Maximum tapered length is 16"  
 ("U" length for non-lagging wells) = "S" - 2"  
 ("U" length for lagging wells) = "S" - 2" - "T"  
 (To solve for "T"), "T" = "S" - "U" - 2" (When "U" and "S" are specified)

Thermowell Dimensions			
FLANGE	"Q" (0.260")	"V"(0.260")	"V"(0.385")
1"	7/8" Dia.	5/8" Dia.	49/64" Dia.
1 1/4" thru 3"	1 1/16" Dia.	5/8" Dia.	49/64" Dia.

## ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 1-4 1-5 1-6 1-7 1-8  
**HF 4 15 R 1 09 08 T2 C8S**

### 1-0 Well Type

CODE	DESCRIPTION
HF	Heavy-duty flanged

### 1-1 Bore Size

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

### 1-2 Flange Size

CODE	DESCRIPTION
10	1" (DN 25)
13	1 1/4" (DN 32)
15	1 1/2" (DN 40)
20	2" (DN 50)
30	3" (DN 80)

### 1-3 Flange Type

CODE	DESCRIPTION
F	Flat face
J	Ring joint
R	Raised face

### 1-4 Pressure Rating

CODE	DESCRIPTION
1	150 Class
3	300 Class
6	600 Class
9	900 Class
15	1500 Class

### 1-8 Options

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

### 1-7 Optional "T" Lag Dimension

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

### 1-6 Material

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

### 1-5 "S" Length

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

