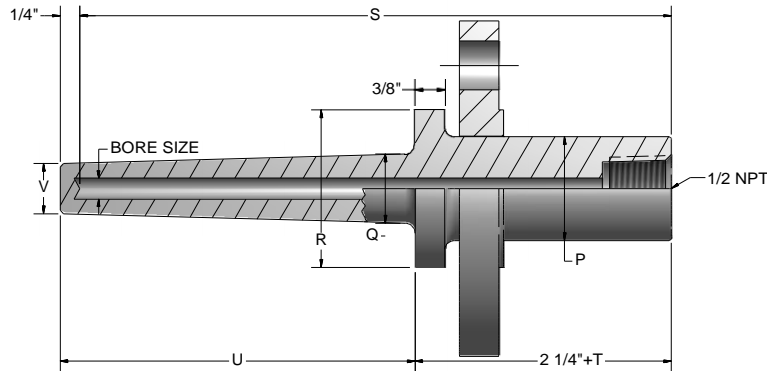


# THERMOWELLS

## Heavy-Duty Van Stone Thermowells

Heavy-Duty Van Stone Thermowells are available in a variety of materials, 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 Van Stone thermowells are supplied with a 0.260" or 0.385" bore diameter to accommodate sensing elements with 0.252" or 0.377" maximum diameter, respectively. Van Stone thermowells are connected using a separate and reusable backing flange, eliminating the need for expensive flange materials. 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					
"P" PIPE SIZE		"R" DIA.	"Q" DIA.	"V" 0.260" DIA.	"V" 0.385" DIA.
NOM.	DIA.				
1"	1.315"	2"	7/8"	5/8"	49/64"
1 1/2"	1.900"	2 7/8"	1 1/16"	5/8"	49/64"

## 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 V 1 09 08 T2 C8S**

### 1-0 Well Type

CODE	DESCRIPTION
HF	Heavy-Duty Van Stone

### 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)
15	1 1/2" (DN 40)

### 1-3 Flange Type

CODE	DESCRIPTION
V	Van Stone (lap joint)

### 1-4 Pressure Rating

CODE	DESCRIPTION
0	No backing flange
1	150 Class
3	300 Class
6	600 Class
9	900 Class
15	1500 Class
Carbon steel lap joint flange standard	

### 1-8 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

### 1-7 "T" Lag Dimension

CODE	DESCRIPTION
Leave blank if no lag is required	
T_	Specify "T" dimension in inches using two digits plus any fractional length

### 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