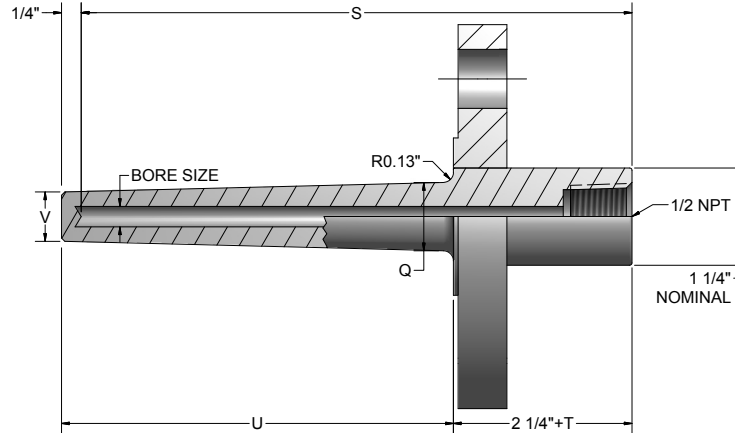


Heavy-Duty, Flanged Thermowells are available in a variety of materials, flange types, flange sizes, and pressure ratings. They are also available in various lengths and with optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, 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.



| 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. |

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)

ORDER CODES

Example Order Number: **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 |