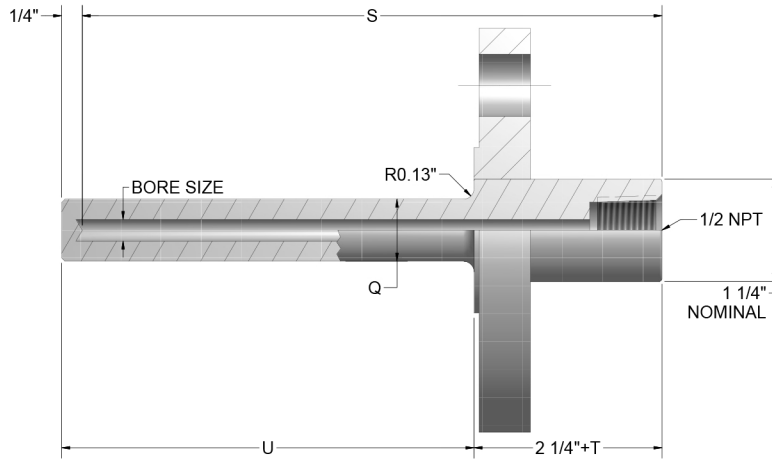


Standard Flanged Thermowells are available in a variety of materials, flange types, flange sizes, and pressure ratings. They are also available in various lengths and with optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature, pressure and corrosion-resistance requirements. Standard flanged thermowells are supplied with a straight shank and are designed with a 0.260" or 0.385" bore diameter to accommodate sensing elements with a 0.252" or 0.377 maximum diameter, respectively. These wells are available as separate components or as part of complete sensor assemblies.



**Thermowell Dimensions**

| BORE  | "Q" Dim. |
|-------|----------|
| 0.260 | 3/4"     |
| 0.385 | 7/8"     |

("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:**

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

### 1-0 Well Type

| CODE | DESCRIPTION      |
|------|------------------|
| SF   | Standard 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 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 |