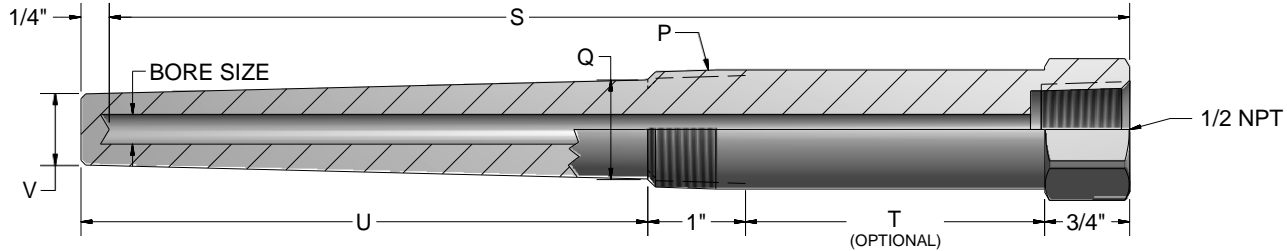


THERMOWELLS

Heavy-Duty, Threaded Thermowells

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 ^[1] | 1/2" NPT |
| D | 3/4" NPT |
| E | 1" NPT |
| F | 1 1/4" NPT |
| G | 1 1/2" NPT |

^[1] 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 |