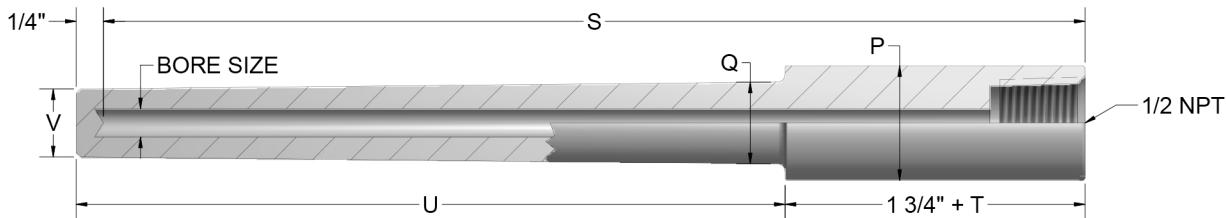


Heavy-Duty, Socket-Weld Thermowells are available in a variety of materials, process connection sizes, lengths and optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature, pressure and corrosion-resistance requirements. The Heavy-Duty Socket-Weld is designed to be used with a 3000 class weld-o-let which allows the thermowell to be welded permanently into the process. They are designed with a standard 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 due to process conditions. These wells are available as separate components or as part of complete sensor assemblies.



Thermowell Dimensions

| "P" PIPE SIZE | | "Q" | "V" 0.260 | "V" 0.385 |
|---------------|--------|-------------|-----------|-------------|
| NOM. | DIA. | | | |
| 3/4" | 1.050" | 3/4" Dia. | 5/8" Dia. | 5/8" Dia. |
| 1" | 1.315" | 7/8" Dia. | 5/8" Dia. | 49/64" Dia. |
| 1 1/4" | 1.660" | 1 1/4" Dia. | 7/8" Dia. | 7/8" Dia. |
| 1 1/2" | 1.900" | 1 1/2" Dia. | 7/8" Dia. | 7/8" Dia. |

("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)

ORDER CODES

1-0 1-1 1-2 1-3 1-4 1-5 1-6

Example Order Number:

HW 4 D 09 08 T2 C8S

1-0 Well Type

| CODE | DESCRIPTION |
|------|------------------------|
| HW | Heavy-duty socket-weld |

1-1 Bore Size

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

1-2 Pipe Size "P"

| CODE | DESCRIPTION |
|------|-------------|
| D | 3/4" NPS |
| E | 1" NPS |
| F | 1 1/4" NPS |
| G | 1 1/2" NPS |

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 |