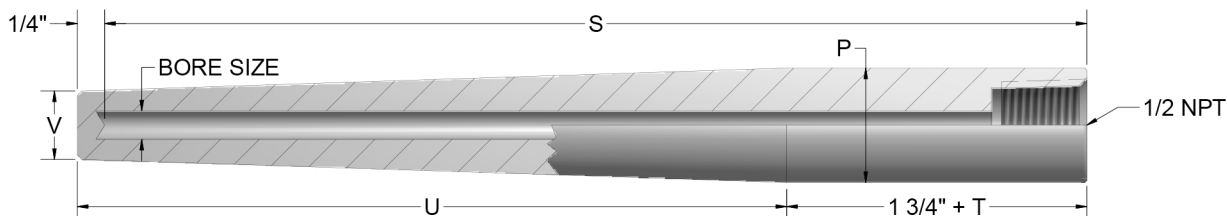


Weld-In Thermowells are available in a variety of materials, process connection sizes, lengths and optional lagging extensions. Thermowell specifications should be based on process conditions which include strength, temperature, pressure and corrosion-resistance requirements. Weld-In thermowells are welded directly into the process apparatus. 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		"V" (0.260")	"V" (0.385")
NOM.	DIA.		
3/4" NPS	1.050"	5/8" Dia.	49/64" Dia.
1" NPS	1.315"	49/64" Dia.	49/64" Dia.
1 1/4" NPS	1.660"	1" Dia.	1" Dia.
1 1/2" NPS	1.900"	1 1/8" Dia.	1 1/8" Dia.
1 1/2" OD	1.500"	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

Example Order Number:

1-0 1-1 1-2 1-3 1-4 1-5 1-6
WI 4 D 09 08 T2 C8S

1-0 Well Type

CODE	DESCRIPTION
WI	Weld-In

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
J	1 1/2" OD

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 "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