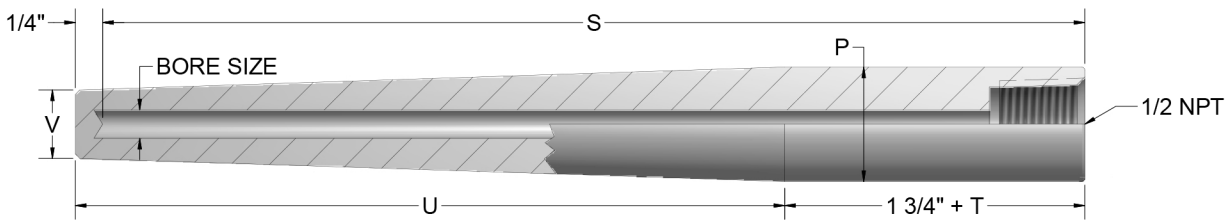
Weld-In Thermowells

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.



("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)

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.

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

1-3 "S" Length

CODE	DESCRIPTION
XX	Specify length in inches using two digits plus fractional length

1-4 Material

CODE	DESCRIPTION
XX	Specify two digit material code as stated in the Thermowell Material Table located earlier in section

1-5 "T" Lag Dimension

CODE	DESCRIPTION
Leave blank if no lag is required	
T__	Specify "T" dimension in inches

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