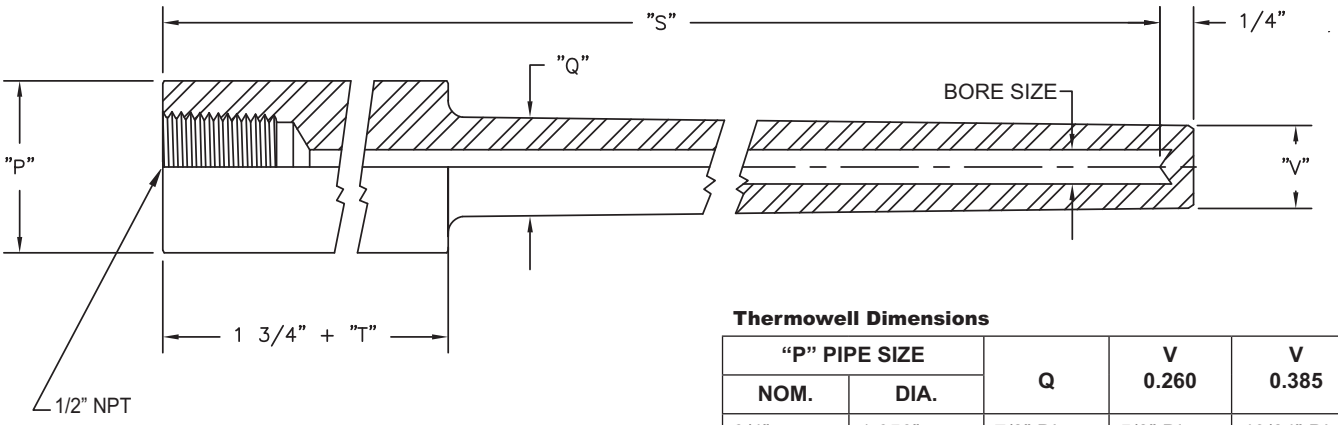
Heavy Duty Socket Weld Thermowells

Heavy Duty Socket Weld Thermowells are available in a variety of materials, process connection sizes, lengths and with optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature, and 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 standard 0.260" and 0.385" bore diameters to accommodate sensing elements with a 0.252" or 0.377 maximum diameters. The tapered design is suited for heavy duty applications where greater rigidity is required due to process conditions. These wells are available as a separate component or as part of a complete sensor assembly.



("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		Q	V 0.260	V 0.385
NOM.	DIA.			
3/4"	1.050"	7/8" Dia.	5/8" Dia.	49/64" Dia.
1"	1.315"	1" 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.

ORDER CODES

Example Order Number:

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

1-3 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 Optional "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