

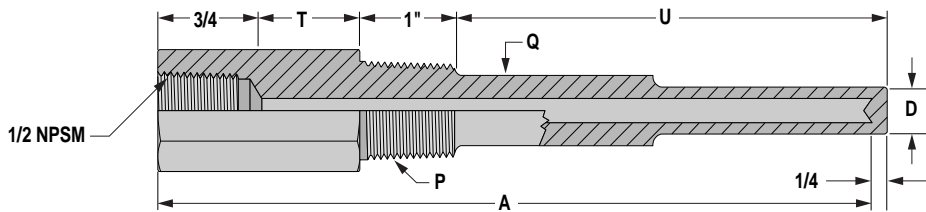
SPECIAL PURPOSE

STANDARD and HEAVY DUTY DRILLED THERMOWELLS

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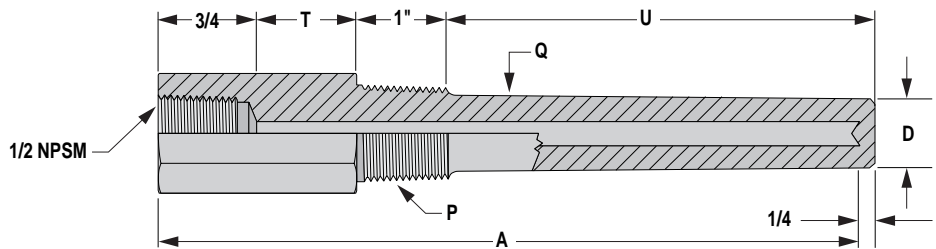
The standard and heavy duty drilled thermowells listed below are those most commonly found in process applications. Other available drilled and thread mounted thermowells include socket-weld, thermometer test, and limited space types, as are standard weld-in and sanitary weld-in types. The thermowells listed below are available as separate component wells and can be ordered by the code numbers listed below. They can also be ordered as a part of a complete sensor assembly by following the ordering information for assemblies as shown in the example order number provided below.

STANDARD DUTY WELLS



Consult factory for wells with different mounting threads, lengths, and materials

HEAVY DUTY WELLS



GENERAL WELL SPECIFICATIONS	
Wells with 1/2" and 3/4" NPT mounting threads are 1(1/8)" across hex flats	
Wells with 1" NPT mounting threads are 1(1/4)" across hex flats	
Standard stem finish is 63ST	

EXAMPLE ORDER NUMBER:

Element Selection from SP-22 or SP-23

1-1 1-2 1-3 1-4
S4C 06 08 C8

Terminations-Options from SP-22 or SP-23

STANDARD DUTY WELLS					
NO LAG ORDER CODE	WITH LAG ORDER CODE	EXTERNAL MOUNTING THREAD "P"	DIMENSIONS		
			BORE	" D "	" Q "
S4C	SL4C	1/2" NPT	.260"	.500"	.625"
S4D	SL4D	3/4" NPT	.260"	.500"	.750"
S4E	SL4E	1" NPT	.260"	.500"	.875"
S6C	SL6C	1/2" NPT	.385"	.680"	.680"
S6D	SL6D	3/4" NPT	.385"	.766"	.766"
S6E	SL6E	1" NPT	.385"	.875"	.875"
HEAVY DUTY WELLS					
H4C	HL4C	1/2" NPT	.260"	.625"	.680"
H4D	HL4D	3/4" NPT	.260"	.625"	.875"
H4E	HL4E	1" NPT	.260"	.625"	1.062"
H6C	HL6C	1/2" NPT	.385"	.625"	.680"
H6D	HL6D	3/4" NPT	.385"	.766"	.875"
H6E	HL6E	1" NPT	.385"	.766"	1.062"

OPTIONAL WELL CAP and CHAIN	
ORDER CODE	DESCRIPTION
0	No cap and chain
C22	Brass
C9	304 stainless steel
C8	316 stainless steel

WELL LENGTH - INSERTION				
ORDER CODE	LENGTH 'A'	INSERTION 'U'		LAG 'T'
		WITHOUT LAG	WITH LAG	
04	4	2(1/2)"	-----	---
06	6	4(1/2)"	2(1/2)"	2"
09	9	7(1/2)"	4(1/2)"	3"
12	12	10(1/2)"	7(1/2)"	3"
15	15	13(1/2)"	10(1/2)"	3"
18	18	16(1/2)"	13(1/2)"	3"
24	24	22(1/2)"	19(1/2)"	3"

WELL MATERIAL			
ORDER CODE	DESCRIPTION	ORDER CODE	DESCRIPTION
22	Brass (ASTM B-16)	05	446 SS
06	Carbon Steel (C1018)	28	Hastelloy B
38	Carpenter 20	29	Hastelloy C
09	304 SS	51	Hastelloy X
32	304 SS Low Carbon	44	HR - 120
34	309 SS	41	HR - 160
54	309 SS Low Carbon	37	Incoloy 800
04	310 SS	03	Inconel 600
08	316 SS	27	Monel
33	316 SS Low Carbon	31	Nickel
35	321 SS	56	Teflon
36	347 SS	26	Titanium

Consult factory for wells of other materials