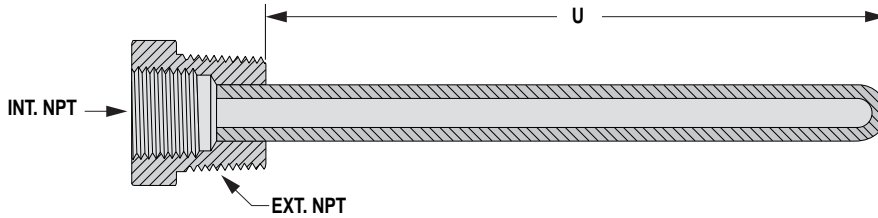


SPECIAL PURPOSE

BUILT-UP PROTECTION WELLS and THERMAL ELEMENT WELLS

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The **built-up** wells described below are small diameter general purpose wells for use in low temperature, low pressure, and low fluid velocity applications. Wells are constructed using small diameter tubing and welding or silver soldering bushings onto the tubing. Wells of all stainless steel construction have welded on bushings, and wells with brass bushings are silver soldered on bushings.



EXAMPLE ORDER NUMBER:

26 - 48 - 06 - 803

1

WELL SIZE AND MATERIAL			
ORDER CODE	TUBE SIZE	TUBE ID (BORE)	MATERIAL
49	1/4"	.250" x .193"	304 SS
48	1/4"	.250" x .193"	316 SS
59	5/16"	.310" x .255"	304 SS
88	1/2"	.500" x .260"	316 SS
Z	Special (Consult factory)		

2

WELL "U" DIM.
<i>Insert (2) Digit "U" Length in Inches</i>
<i>EXAMPLES:</i> 06 = 6" U Dim. 02 (1/2) = 2(1/2") U Dim.

3

MOUNTING BUSHING MATERIAL - DIMENSIONS						
ORDER CODES			BUSHING THREADS		BUSHING 'B' DIM.	DIM. 'T' DIM.
BRASS	304 SS	316 SS	EXT. NPT	INT. NPT		
2201*	901*	801*	1/4"	1/8"	3/4"	1/4"
2202	902	802	3/8"	1/8"	3/4"	1/4"
2203	903	803	3/8"	1/4"	3/4"	3/8"
2204	904	804	1/2"	1/8"	15/16"	1/4"
2205	905	805	1/2"	1/4"	15/16"	3/8"
2206	906	806	1/2"	3/8"	15/16"	3/8"
2207	----	---	1/2"	1/2"	1 1/2"	1/2"
2208	908	808	3/4"	1/8"	1"	1/4"
2209	909	809	3/4"	1/4"	1"	3/8"
2210	910	810	3/4"	3/8"	1"	3/8"
2211	911	811	3/4"	1/2"	1"	1/2"

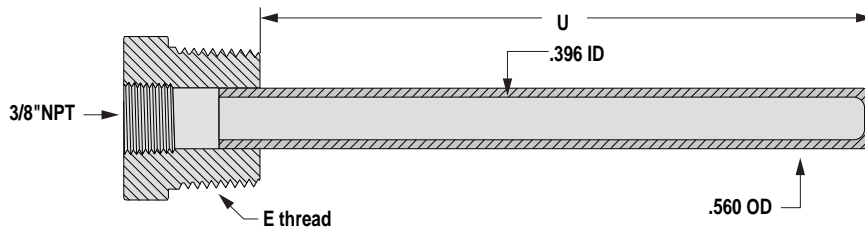
NOTE: * Not available with 1/2" OD wells

NOTE: When ordering a fixed immersion sensor for use in the above wells, determine the sensors "X" dimension (length below the mounting thread) by the following formula:

$$X = \text{WELL "U"} + \text{"B"} - \text{WELL "T"}$$

THERMAL ELEMENT WELLS

The **thermal element** wells listed below are for use with Partlow's filled system thermometer bulbs. Wells are available in 3/4" NPT and 1" NPT external mounting threads. All wells have 3/8" NPT internal threads, and all wells are constructed with 304 SS.



EXAMPLE ORDER NUMBER:

26 - W225 - 3/4"

304 SS THERMAL ELEMENT PROTECTION WELLS				
ORDER CODE	ORDER CODE	ELEMENT RANGE CODE		'U' DIMENSION (INCHES)
3/4" NPT 'E' THREAD	1" NPT 'E' THREAD	OLD	NEW	
W 112 - 3/4"	W 112 - 1"	112	091 or 117	29 13/16
W 217 - 3/4"	W 217 - 1"	217	094 or 119	15 11/16
W 225 - 3/4"	W 225 - 1"	225	101 or 121	16 1/16
W 335 - 3/4"	W 335 - 1"	335	104 or 237	13 3/8
W 445 - 3/4"	W 445 - 1"	445	106 or 123	10 1/4
W 555 - 3/4"	W 555 - 1"	555	108 or 125	8 7/16
W 665 - 3/4"	W 665 - 1"	665	109 or 126	7 5/16
W 780 - 3/4"	W 780 - 1"	780	111 or 128	6 1/16
W 910 - 3/4"	W 910 - 1"	910	113 or 130	5 3/16
W1011 - 3/4"	W1011 - 1"	1011	115	4 7/8