

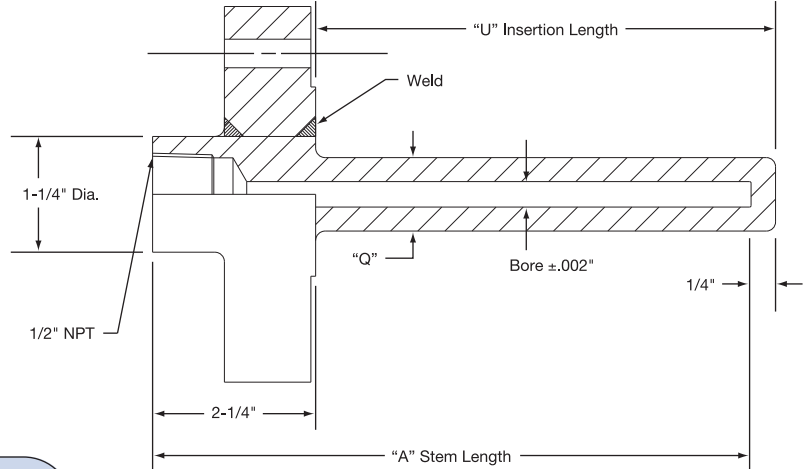
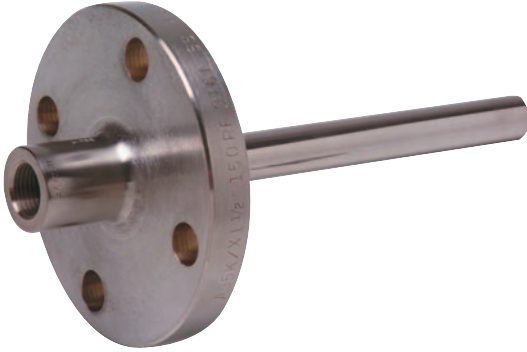
Temperature Sensing



Thermowells

Series 50 (.260" Bore) & Series 55 (.385" Bore) for 1/4" and 3/8" Diameter Elements

Flanged



Standard Sizes

"U" (in)	"A" (in)	Part Number			
		1" Flange		1 1/2" Flange	
		.260 Bore Q = 3/4"	.385 Bore Q = 7/8"	.260 Bore Q = 3/4"	.385 Bore Q = 7/8"
2	4	TWL5021	TWL5521	TWL5028	TWL5528
4	6	TWL5022	TWL5522	TWL5029	TWL5529
7	9	TWL5023	TWL5523	TWL5030	TWL5530
10	12	TWL5024	TWL5524	TWL5031	TWL5531
13	15	TWL5025	TWL5525	TWL5032	TWL5532
16	18	TWL5026	TWL5526	TWL5033	TWL5533
22	24	TWL5027	TWL5527	TWL5034	TWL5534

• Flanges are 150-lb. Raised Face. Other Facings and Pressure Ranges are available.

Ordering Information

Complete the Part Number by filling in the box with the number designating the material.

- 1 = Steel**
- 2 = Brass**
- 3 = 316 Stainless Steel**
- 4 = 304 Stainless Steel**
- 5 = Monel**

Maximum Fluid Velocity Feet Per Second

(See Velocity Ratings on page 14-76)

Well Type	Material	Insertion Length — "U" (in)						
		2	4	7	10	13	16	22
Series 50 and 60	Carbon Steel	404 (129)	184 (71.2)	67.0 (42.7)	34.0	20.6	13.7	7.4
	A.I.S.I. 304 & 316	430 (179)	192 (99.3)	69.7 (59.6)	35.4	21.5	14.3	7.7
	Monel	350 (143)	168 (79.8)	61 (47.7)	31.0	18.8	12.5	6.7
Series 55 and 65	Carbon Steel	410 (152)	248 (84.3)	91.3 (50.6)	45.7	27.6	18.5	10.0
	A.I.S.I. 304 & 316	444 (211)	258 (117)	95.2 (70.3)	47.6	28.8	19.3	10.4
	Monel	338 (168)	226 (93.3)	83.3 (56.0)	41.6	25.2	16.9	9.1



Note: Where single values appear in table, thermowell may be considered safe for water, steam, air or gas. The values in parentheses in the shorter insertion lengths represent safe values for water flow, taking into consideration the velocity pressure effect of water flowing at higher velocities.

Maximum Flange Pressure — Temperature Rating

(lbs. per square inch)

Material	Temperature °F			
	0°	800°	1000°	1125°
Carbon Steel	2500	2500	—	—
A.I.S.I. 304	2500	2500	2500	—
A.I.S.I. 316	2500	2500	2500	2500
Monel	2500	2500	—	—

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.