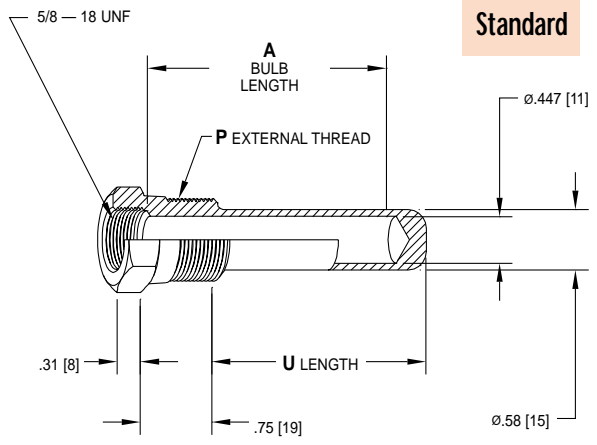


Dial Thermowells

for Dial Thermometers and Temperature Recorders



Standard

5/8 — 18 UNF

A BULB LENGTH

P EXTERNAL THREAD

ø.447 [11]

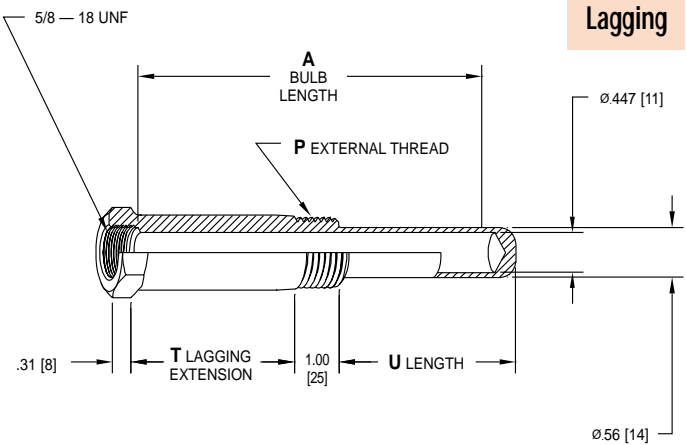
.31 [8]

U LENGTH

.75 [19]

ø.58 [15]

All dimensions are nominal.
Dimensions in [] are in millimeters.



Lagging

5/8 — 18 UNF

A BULB LENGTH

P EXTERNAL THREAD

ø.447 [11]

.31 [8]

T LAGGING EXTENSION

1.00 [25]

U LENGTH

ø.56 [14]

Lengths

Bulb Length	Standard Thermowell		Lagging Extension Thermowell	
	U Length		T Lagging	U Length
2"	2.13 [54]	—	—	—
4"	3.88 [99]	1.50 [38]	2.13 [54]	
6"	5.75 [146]	1.50 [38]	3.88 [99]	
8"	7.75 [197]	1.50 [38]	5.75 [146]	
12"	11.75 [299]	1.50 [38]	7.50 [191]	
18"	17.75 [451]	1.50 [38]	15.75 [400]	
24"	23.75 [603]	1.50 [38]	21.75 [552]	

Pressure Rating (psi) per ASME Boiler Code, Section VIII, Part UG28

Material	Operating Temperature					
	70°F	200°F	400°F	600°F	800°F	1000°F
Brass	1200	1000	200	—	—	—
Carbon steel	1600	1470	1430	1275	900	430
304 stainless steel	2100	1940	1600	1340	1140	1000
316 stainless steel	2100	2000	1900	1770	1630	1480

Alternative materials and accessories are also available. Please consult the Options and Accessories section for details.

Selection of the proper thermowell is the sole responsibility of the user. Temperature and pressure limitations must be considered. Improper application may cause failure of the thermowell, resulting in possible personal injury or property damage.

How to Order

Sample Order Number: 7-3G2

Thermowell Style	External Thread (P)	Bulb Length*	Lagging Extension (T)	Material
7 Dial	3 1/2 NPT 4 3/4 NPT	D 2" Bulb G 4" Bulb J 6" Bulb L 8" Bulb R 12" Bulb Wa 18" Bulb Wk 24" Bulb	C 1 1/2" Extension (4" and longer Stem only) Omit if None	2 Brass 3 Steel 5 304SS 6 316SS

*Dial Thermowells with Bulb Lengths over 6" are typically for use with Adjustable Union or Bendable Extension Connections.