

Temperature Gauges

WGI Thermowells

CRN

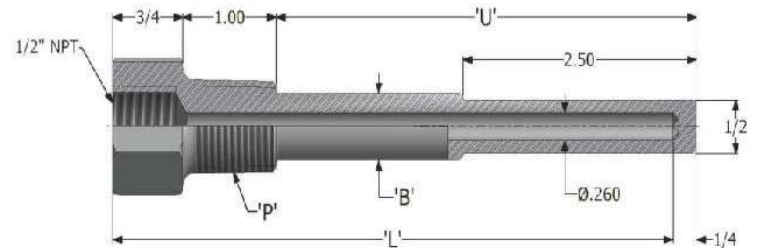
This device is used to protect a thermometer / thermocouple / RTD from any pressure or corrosion from the process and allows replacement of the instrument without shutting down the system.



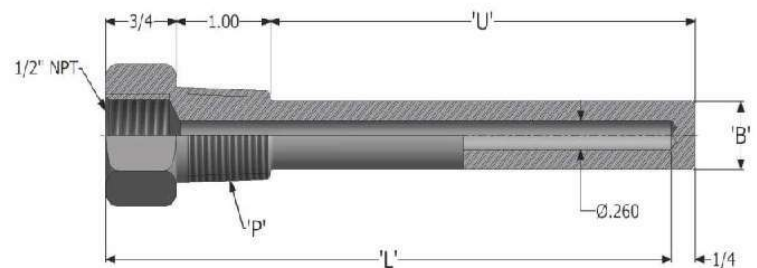
Specifications

Standard Bore Sizes	0.260", 0.385" and 0.702"
Process Connections	NPT threaded or flanged (RF, FF and RTJ)
Standard Materials	316 SS
Optional Materials	Brass or naval brass, aluminum, carbon steel, chrome-moly, 304 SS, 316L alloy-20, inconel, monel, nickel, titanium, hastelloy B or C and teflon
Optional	Lagging extensions, stainless steel plug and chain, full penetration weld on flange, teflon or kynar coating, MTR test reports and hydrostatic internal testing
Available Stem Lengths	2 1/2" — 36"
Process Connections	1/2", 3/4" and 1" threaded NPT, 150#, 300# and 600# flanged 900# RTJ and 150# RTJ

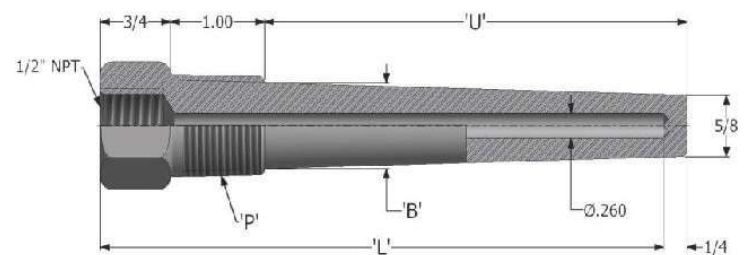
Stepped Thermowell



Straight Thermowell



Tapered Thermowell



WGI Thermowells (Continued)

Cross Reference Chart

½" Male NPT Connection					
Process Connection	Part Number	Stem Length "L"	Insertion "U"	Bore Size	Overall Length
½" Male NPT	1/2-025-316	2 ½"	1 3/8"	0.260	2 ¾"
	1/2-040-316	4"	2 ½"	0.260	4 ¼"
	1/2-060-316	6"	4 ½"	0.260	6 ¼"
	1/2-090-316	9"	7 ½"	0.260	9 ¼"

¾" Male NPT Connection					
Process Connection	Part Number	Stem Length "L"	Insertion "U"	Bore Size	Overall Length
¾" Male NPT	3/4-025-316	2 ½"	1 3/8"	0.260	2 ¾"
	3/4-025-316-385	2 ½"	1 3/8"	0.385	2 ¾"
	3/4-025-316-702	2 ½"	1 3/8"	0.702	2 ¾"
	3/4-035-316-702	2 ½"	2"	0.702	2 ¾"
	3/4-040-316	4"	2 ½"	0.260	4 ¼"
	3/4-040-316-385	4"	2 ½"	0.385	4 ¼"
	3/4-040-316-702	4"	2 ½"	0.702	4 ¼"
	3/4-045-316-702	4 ¼"	3"	0.702	4 1/2"
	3/4-050-316-702	5"	3 ½"	0.702	5 ¼"
	3/4-060-316	6"	4 ½"	0.260	6 ¼"
	3/4-060-316-385	6"	4 ½"	0.385	6 ¼"
	3/4-060-316-702	6"	4 ½"	0.702	6 ¼"
	3/4-090-316	9"	7 ½"	0.260	9 ¼"
	3/4-120-316	12"	10 ½"	0.260	12 ¼"

1" Male NPT Connection					
Process Connection	Part Number	Stem Length "L"	Insertion "U"	Bore Size	Overall Length
1" Male NPT	1-025-316	2 ½"	1 3/8"	0.260	2 ¾"
	1-025-316-702	2 ½"	1 3/8"	0.702	2 ¾"
	1-035-316-702	2 ½"	2"	0.702	2 ¾"
	1-045-316-702	4 ¼"	3"	0.702	4 ¼"
	1-040-316	4"	2 ½"	0.260	4 ¼"
	1-060-316	6"	4 ½"	0.260	6 ¼"
	1-090-316	9"	7 ½"	0.260	9 ¼"
	1-120-316	12"	10 ½"	0.260	12 ¼"