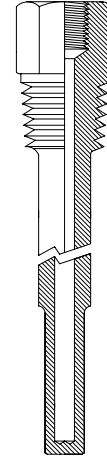


## Application

Thermowells are used in industrial temperature measurement to provide isolation between a temperature sensor (often a thermocouple) and the environment whose temperature is to be measured.

Thermowells for temperature instruments are recommended for all process systems where pressure, velocity, abrasive and corrosive media are present. A properly selected thermowell will protect the temperature instrument from possible damage as a result of these process variables.



## Standard Features

### Process Connections

.5", .75", 1" NPT, Weld-In

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### Instrument Connection

.5" NPT

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### Instrument Connection

.5" NPT

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### Bore

.260", .385"

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### Materials

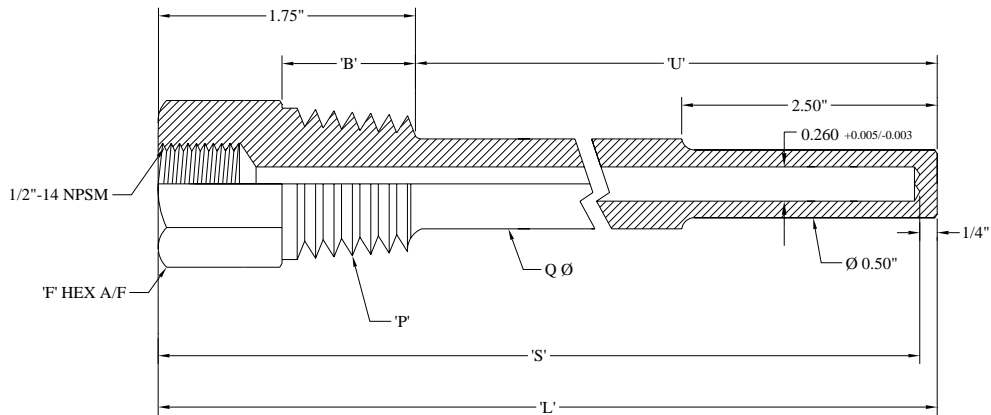
Brass, Carbon Steel, 316 Stainless Steel

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## TO ORDER PLEASE SPECIFY:

- ◆ Model
- ◆ Material
- ◆ Process Connection ( "P" )
- ◆ "U" – Insertion Length
- ◆ "L" – Stem length
- ◆ Options if required

**STANDARD STEPPED  
BAR STOCK THERMOWELL**



PROCESS CONNECTION "P"	MODEL NUMBER	STEM LENGTH "L"		INSERTION LENGTH "U"		DIAMETER "B"		OVERALL LENGTH O.A.L.	
		in	mm	in	mm	in	mm	in	mm
½" – 11 - NPT	½-060-316	6"	152	4.5"	114	0.75"	-	6.25"	159
	½-090-316	9"	229	7.5"	191	0.75"	-	9.25"	235
	½-120-316	12"	305	10.5"	267	0.75"	-	12.25"	311
¾" – 14 – NPT	¾-060-316	6"	152	4.5"	114	1"	-	6.25"	159
	¾-090-316	9"	229	7.5"	191	1"	-	9.25"	235
	¾-120-316	12"	305	10.5"	267	1"	-	12.25"	311
	¾-150-316	15"	381	13.5"	343	1"	-	15.25"	387
1" – 17 – NPT	1-060-316	6"	152	4.5"	114	1.08"	-	-	-
	1-090-316	9"	229	7.5"	191	1.08"	-	-	-
	1-120-316	12"	305	10.5"	267	1.08"	-	-	-

**Western Gauge & Instruments Ltd. – Head Office**

1,2 4045 – 74 Ave S.E.  
Calgary, AB T2C 1H5  
Ph: (403) 236-4888 Fax: (403) 236-7629  
Email: sales@wgiltd.com

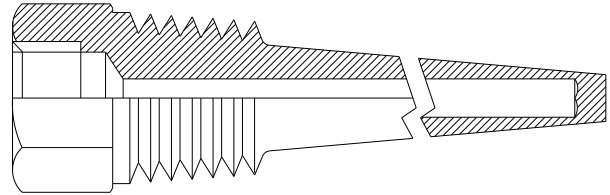
**Western Gauge & Instruments Ltd. – Branch Office**

6624 – 50<sup>th</sup> Street  
Edmonton, AB T6B 2N7  
Ph: (780) 463-3800 Fax: (780) 463-3990  
Email: edm@wgiltd.com

## Application

Thermowells are used in industrial temperature measurement to provide isolation between a temperature sensor (often a thermocouple) and the environment whose temperature is to be measured.

Thermowells for temperature instruments are recommended for all process systems where pressure, velocity, abrasive and corrosive media are present. A properly selected thermowell will protect the temperature instrument from possible damage as a result of these process variables.



## Standard Features

### Process Connections

1/2", 3/4", 1" NPT, Weld-In

### Instrument Connection

1/2" NPT

### Instrument Connection

1/2" NPT

### Bore

.260", .385", .702"

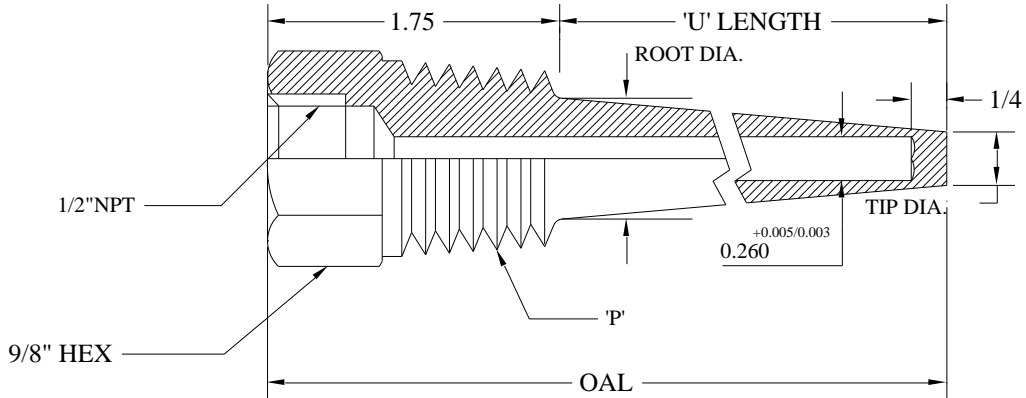
### Materials

Brass, Carbon Steel, 316 Stainless Steel

## TO ORDER PLEASE SPECIFY:

- ◆ Model
- ◆ Material
- ◆ Process Connection ( "P" )
- ◆ "U" – Insertion Length
- ◆ "L" – Stem length
- ◆ Options if required

**TAPERED  
BAR STOCK THERMOWELL**



PROCESS CONNECTION "P"	MODEL NUMBER	STEM LENGTH "L"		INSERTION LENGTH "U"		DIAMETER "B"		OVERALL LENGTH O.A.L.	
		in	mm	in	mm	in	mm	in	mm
1/2" – 11 – NPT	1/2-040-316T	4"	101	2.5"	63	1/2"	12.7	4.25"	107
	1/2-060-316T	6"	152	4.5"	114	1/2"	12.7	6.25"	158
	1/2-090-316T	9"	228	7.5"	190	1/2"	12.7	9.25"	234
	1/2-120-316T	12"	304	10.5"	266	1/2"	12.7	12.25"	311
3/4" – 14 – NPT	3/4-040-316T	4"	101	2.5"	63	5/8"	15.875	4.25"	107
	3/4-060-316T	6"	152	4.5"	114	5/8"	15.875	6.25"	158
	3/4-090-316T	9"	228	7.5"	190	5/8"	15.875	9.25"	234
	3/4-120-316T	12"	304	10.5"	266	5/8"	15.875	12.25"	311

Please note other sizes and configuration available upon request

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