

Series 260HL

Heavy-Duty Threaded Well for 1/4" Diameter Elements



Application:

Standard length, 1/4" bimetal thermometers.
#20-gage thermocouple elements. Unarmored
liquid-in-glass test thermometers. Other temperature-
sensing elements having 0.252" maximum diameter.

Connection Size:

3/4 and 1 NPT are standard. Other thread sizes are
available upon request.

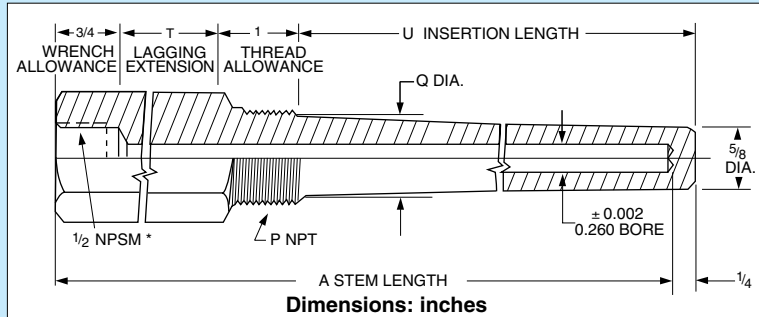
Materials:

Brass (ASTM B-16), Carbon Steel (C-1018), Stainless
Steel A.I.S.I. 304 & A.I.S.I. 316, Monel®. Wells are also
available in special materials; prices on request.

Cap and Chain Options:

For Brass cap, add additional cost to price and suffix
"-CC-Brass" to the end of the model number when you
place your order. For 304SS cap, add additional cost to
price and add suffix "-CC" to the end of the model number.

Series 260HL—Lagging Extension Type



† NPSM internal pipe thread
will accept both NPT and
NPS male threads.

To Order Visit newportUS.com/260hl for Pricing and Details

Ext Thread P	Model Number	Lag Ext. T	Stem Lgth A	Insert Lgth U	Shank Dia. Q
3/4 NPT	3/4-260HL-U21/2-(*)	2	6	2 1/2	—
	3/4-260HL-U41/2-(*)	3	9	4 1/2	7/8
	3/4-260HL-U71/2-(*)	3	12	7 1/2	7/8
	3/4-260HL-U101/2-(*)	3	15	10 1/2	7/8
	3/4-260HL-U131/2-(*)	3	18	13 1/2	7/8
	3/4-260HL -U191/2-(*)	3	24	19 1/2	7/8
1 NPT	1-260HL-U21/2-(*)	2	6	2 1/2	—
	1-260HL-U41/2-(*)	3	9	4 1/2	11/16
	1-260HL-U71/2-(*)	3	12	7 1/2	11/16
	1-260HL-U101/2-(*)	3	15	10 1/2	11/16
	1-260HL-U131/2-(*)	3	18	13 1/2	11/16
	1-260HL-U191/2-(*)	3	24	19 1/2	11/16

* Specify material type "304SS" for 304 Stainless Steel, "316SS" for 316 Stainless Steel, "CS" for Carbon Steel or
"BRASS" for brass. PFA coating available, visit newportUS.com.

Ordering Example: 3/4-260HL-U71/2-304SS, 304 stainless steel thermowell with 3/4 NPT external thread, 0.260"
internal diameter, 3" Lagging Extension, 7 1/2" insertion length and a 12" stem length.

For Assistance in Choosing Head and Well Assemblies visit newportUS.com

Maximum Fluid Velocity—feet per second

See Introduction to Thermowells,
Section on Velocity at newportUS.com.

Well Type	Material	Insertion Length – "U"							
		2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	16 1/2	19 1/2	22 1/2
3/4" - 260H and 3/4" - 260HL	Brass	305 (97.5)	93.8 (54.1)	33.9	17.1	10.5	7.0	5.0	3.7
	Carbon Steel	386 (175)	180 (97.2)	65.3 (58.3)	33.0	20.1	13.4	9.6	7.1
	A.I.S.I. 304 & 316	440 (243)	197 (135)	71.2	36.0	22.0	14.7	0.5	7.8
	Monel	354 (195)	155 (108)	56.1	28.4	17.3	11.6	7.5	5.6
1" - 260H and 1" - 260HL	Brass	354 (161)	108 (89.5)	39.4	19.8	12.2	8.1	5.8	4.3
	Carbon Steel	448 (289)	209 (161)	75.7	38.4	23.3	15.5	11.1	8.2
	A.I.S.I. 304 & 316	490 (403)	228 (225)	82.5	41.8	25.5	17.1	12.2	9.1
	Monel	410 (322)	179 (178)	65.1	33.0	20.1	13.5	8.7	6.5

Where single values appear in the velocity tables, these may be considered safe for water, steam, air or gas. In the
shorter insertion lengths, consideration is given to the velocity pressure effect of water flowing at higher velocities. The
values in parentheses, therefore, represent safe values for water flow, while the unbracketed values may be used for
steam, air, gas and similar density fluids.

Shown close to
actual size.

Visit
newportUS.com
for Pressure-
Temperature
Ratings.