

Series 260HL

Heavy-Duty Threaded Well for $\frac{1}{4}$ " Diameter Elements



Application:

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

Connection Size:

$\frac{1}{4}$ and 1 NPT are standard. Other thread sizes are
 available upon request.

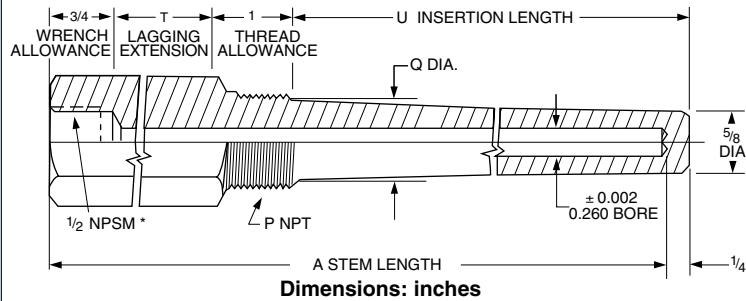
Materials:

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 | 1 1/16 |
| | 1-260HL-U71/2-(*) | 3 | 12 | 7 1/2 | 1 1/16 |
| | 1-260HL-U101/2-(*) | 3 | 15 | 10 1/2 | 1 1/16 |
| | 1-260HL-U131/2-(*) | 3 | 18 | 13 1/2 | 1 1/16 |
| | 1-260HL-U191/2-(*) | 3 | 24 | 19 1/2 | 1 1/16 |

* 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 $\frac{3}{4}$ NPT external thread, 0.260" internal diameter, 3" Lagging Extension, $7\frac{1}{2}$ " 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 |
| $\frac{3}{4}$ " - 260H and $\frac{3}{4}$ " - 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.