BAR STOCK, WELD-IN CONNECTION WITH LAG

How to build a part number:

To order an Applied Sensor Technologies thermowell, select the requirements for the categories listed below and fill in the corresponding boxes with your selection. Don’t see exactly what you need? Give us a call!

<table>
<thead>
<tr>
<th>PROCESS CONNECTION</th>
<th>STYLE</th>
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**PROCESS CONNECTION (P)**

- 2 – 3/4” pipe (OD = 1.05”)
- 3 – 1” pipe (OD = 1.315”)
- 5 – 1-1/2” pipe (OD = 1.90”)

**STYLE**

- WIHL – Weld-in, tapered stem with lag extension

**BORE**

- 260 – 0.260” bore
- 385 – 0.385” bore

**WELL LENGTH (in inches)**

L# – Specify length of thermowell (e.g., L9 = 9”)

Standard lengths:

<table>
<thead>
<tr>
<th>Length (L)</th>
<th>U =</th>
<th>If T = 2”</th>
<th>If T = 3”</th>
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</thead>
<tbody>
<tr>
<td>L6 6”</td>
<td>2.5”</td>
<td>1.5”</td>
<td></td>
</tr>
<tr>
<td>L9 9”</td>
<td>5.5”</td>
<td>4.5”</td>
<td></td>
</tr>
<tr>
<td>L12 12”</td>
<td>8.5”</td>
<td>7.5”</td>
<td></td>
</tr>
<tr>
<td>L15 15”</td>
<td>11.5”</td>
<td>10.5”</td>
<td></td>
</tr>
<tr>
<td>L18 18”</td>
<td>14.5”</td>
<td>13.5”</td>
<td></td>
</tr>
<tr>
<td>L24 24”</td>
<td>20.5”</td>
<td>19.5”</td>
<td></td>
</tr>
</tbody>
</table>

Specify other (L = U+T+1.5”)

**LAG EXTENSION (in inches)**

T# – Specify length of lagging (e.g., T2 = 2” lag)

- T2 – 2”
- T3 – 3”

**WELL MATERIAL**

- 304 stainless steel
- 310 – 310 stainless steel
- 316 – 316 stainless steel
- INC – Inconel 600®
- 321 – 321 stainless steel
- ALUM – Aluminum
- HAST – Hastelloy C®
- TTNM – Titanium
- TTNM – Titanium
- BRASS – Brass

**OPTIONS**

- TW01 – Stainless steel cap and chain assembly
- TW02 – Brass cap and chain assembly
- TAG2 – Stamped tag #
- MTR1 – Material Test Report
- WFC1 – Wake Frequency Calculations

(*) Thermowells with an overall length of 42” or less are machined from SOLID BAR STOCK. Thermowells with an overall length greater than 42” are constructed using a welded design and are available in straight, stepped or tapered design. However, for tapered only the last 16” are tapered.

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