Thermowells for RTD & Thermocouple Temperature Sensors

### Pressure Rating (PSI)

<table>
<thead>
<tr>
<th>Material</th>
<th>70°F</th>
<th>200°F</th>
<th>400°F</th>
<th>600°F</th>
<th>800°F</th>
<th>1000°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon steel</td>
<td>5000</td>
<td>5000</td>
<td>4800</td>
<td>4600</td>
<td>3500</td>
<td>-</td>
</tr>
<tr>
<td>304 stainless steel</td>
<td>6550</td>
<td>6500</td>
<td>4860</td>
<td>4140</td>
<td>3510</td>
<td>3130</td>
</tr>
<tr>
<td>316 stainless steel</td>
<td>6540</td>
<td>6400</td>
<td>5270</td>
<td>5180</td>
<td>4660</td>
<td>-</td>
</tr>
<tr>
<td>Monel</td>
<td>5530</td>
<td>4990</td>
<td>4450</td>
<td>4450</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Brass</td>
<td>3170 psi @ 150°F, 2930 @ 350°F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Operating Temperature

- 70°F
- 200°F
- 400°F
- 600°F
- 800°F
- 1000°F

### Selection of the Proper Thermowell

Selection of the proper thermowell is the sole responsibility of the user. Temperature and pressure limitations must be considered. Improper application may cause failure of the thermowell, resulting in possible personal injury or property damage. For correct use and application, please refer to the Thermowells For Thermometers And Electrical Temperature Sensors Standard ASME B40.9.

### How To Order

**Sample Order Number:** 76-4J6

**Thermowell Style**
- 76- Sensor, Stepped Shank (2 1/2" - 6" Stem Straight Shank)

**External Thread**
- 3 1/2 NPT*
- 4 1/4 NPT
- 5 1 NPT*

**Stem Length**
- D 2 1/2" Stem
- G 4" Stem
- J 6" Stem
- M 9" Stem
- R 12" Stem
- V 15" Stem
- W 18" Stem
- Wk 24" Stem

**Lagging Extension**
- A 1" Extension (4" Stem only)
- C 2" Extension (6" Stem only)
- E 3" Extension (9" and longer Stem only)
  - Omit If None

**Material**
- 2 Brass
- 3 Steel
- 4 Monel
- 5 304SS
- 6 316SS

*Not available with 2 1/2" Stem Length*

Other thermowell styles available. Please consult pages 163-169 of the Trerice Temperature Section.