Heavy-Duty Van Stone Thermowells are available in a variety of materials, flange sizes, and pressure ratings. They are also available in various lengths and with optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature, pressure and corrosion-resistance requirements. Heavy-duty Van Stone thermowells are supplied with a 0.260” or 0.385” bore diameter to accommodate sensing elements with 0.252” or 0.377” maximum diameter, respectively. Van Stone thermowells are connected using a separate and reusable lapped backing flange, eliminating the need for expensive flange materials. The tapered design is suited for heavy-duty applications where greater rigidity is required for increased pressure and flow due to process conditions. These wells are available as separate components or as part of complete sensor assemblies.

**Thermowell Dimensions**

- **“P” PIPE SIZE**
- **“R” DIA.**
- **“Q” DIA.**
- **“V” 0.260” DIA.**
- **“V” 0.385” DIA.**

<table>
<thead>
<tr>
<th>Nom. Dia.</th>
<th>DIA.</th>
<th>0.260” DIA.</th>
<th>0.385” DIA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>1.315”</td>
<td>2”</td>
<td>7/8”</td>
</tr>
<tr>
<td>1 1/2”</td>
<td>1.900”</td>
<td>2 7/8”</td>
<td>1 1/16”</td>
</tr>
</tbody>
</table>

**Example Order Number:**

- **1-0** Well Type: HF 4 15 V 1 09 08 T2 C8S
- **1-1** Bore Size: 4 (0.260” Dia. bore), 6 (0.385” Dia. bore)
- **1-2** Flange Size: 10 (1” (DN 25)), 15 (1 1/2” (DN 40))
- **1-3** Flange Type: V (Van Stone (lap joint))
- **1-4** Pressure Rating: 0 (No backing flange), 1 (150 Class), 3 (300 Class), 6 (600 Class), 9 (900 Class), 15 (1500 Class)
- **1-5** "S" Length: Carbon steel lap joint flange standard
- **1-6** Material: XX (Specify two digit material code as stated in the Thermowell Material Table located earlier in section)
- **1-7** "T" Lag Dimension: Leave blank if no lag is required, specify "T" dimension in inches using two digits plus any fractional length
- **1-8** Options: C8 (316 stainless steel well cap and chain), C22 (Brass well cap and chain), S (Well stamped with customer-specified part number)