Reotemp's Flanged Thermowells make it possible to remove an instrument without dropping pressure or losing contents of the process. Thermowells also protect the instrument from getting bent by the process media. Flanged thermowells are the preferred well for applications that require frequent removal or replacement due to corrosion or other hazards. Flanged wells bolt to a mating flange that is installed on the process piping. Common installations include large pipes with high pressure and high corrosion.

**TAPERED SHANK**
- Bore Dia. "B":
  - .260" 3/4" .750" .625"
  - .260" 1" .875" .625"
  - .260" 1-1/2" & up 1.062" .625"
- Shank Dia. "Q1":
  - .385" 3/4" .750" .625"
  - .385" 1" .875" .766"
  - .385" 1-1/2" & up 1.062" .766"
- Shank Dia. "Q2":
  - .260" .750" .500"

**STEPPE SHANK**
- Bore Dia. "B":
  - .260" .750" .500"
- Shank Dia. "Q1":
  - .260" .750" .500"
- Shank Dia. "Q2":
  - .260" .750" .500"

**STRAIGHT SHANK**
- Bore Dia. "B":
  - .260" .750" .500"
- Shank Dia. "Q2":
  - .260" .750" .500"

**VAN STONE SIZE**
- Nominal Pipe Size "P":
  - 1" 1.315" 2.000"
  - 1-1/2" & up 1.900" 2.875"
**FLANGED THERMOWELLS**

**BUILD YOUR THERMOWELL:** Choose options to build a part number. For example: 151R2STU040L062-ML

<table>
<thead>
<tr>
<th>FLANGE SIZE</th>
<th>FLANGE RATING</th>
<th>SEALING FACE</th>
<th>BORE DIAMETER</th>
<th>MATERIAL</th>
<th>SHANK STYLE</th>
<th>“U” DIMENSIONS &amp; OVERALL LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>05 = 1/2”</td>
<td>1 = 150#</td>
<td>R = Raised Face</td>
<td>2 = .260” (For 1/4” Stem)</td>
<td>S = 316SS</td>
<td>T = Tapered</td>
<td>Overall Length</td>
</tr>
<tr>
<td>07 = 3/4”</td>
<td>3 = 300#</td>
<td>F = Flat Face</td>
<td>3 = .385” (For 3/8” Stem)</td>
<td>F = 304SS</td>
<td>S = Straight</td>
<td>U020 = 2” L042 = 4.25”</td>
</tr>
<tr>
<td>10 = 1”</td>
<td>5 = 600#</td>
<td>J = RTJ (Ring Type Joint)</td>
<td>Q = Other (Specify)</td>
<td>G = Hastelloy B</td>
<td>P = Stepped*</td>
<td>U040 = 4” L062 = 6.255”</td>
</tr>
<tr>
<td>15 = 1.5”</td>
<td>6 = 900 - 1500#</td>
<td>Q = Other</td>
<td>*Not available with .385 bore.</td>
<td>H = Hastelloy C</td>
<td>R = Tapered w/ Support Ring</td>
<td>U070 = 7” L092 = 9.25”</td>
</tr>
<tr>
<td>20 = 2”</td>
<td>9 = 2500#</td>
<td>V = VanStone</td>
<td>M = Monel</td>
<td>L = F11 Alloy</td>
<td>Q = Other</td>
<td>U100 = 10” L122 = 12.25”</td>
</tr>
<tr>
<td>25 = 2.5”</td>
<td>5 = 2500#</td>
<td></td>
<td>Y = Inconel (600)</td>
<td>M = Monel</td>
<td>*Not available with .385 bore.</td>
<td>U130 = 13” L152 = 15.25”</td>
</tr>
<tr>
<td>30 = 3”</td>
<td>V = VanStone</td>
<td></td>
<td>U = Tantalum Lined</td>
<td>V = 317SS</td>
<td></td>
<td>U160 = 16” L182 = 18.25”</td>
</tr>
</tbody>
</table>

Note: Rows above indicate standard pairings, for example: a 2” U dimension comes standard with a 4.25” overall length.

-EP = External Pressure Test
-IT = Internal Pressure Testing (5 min. test)
-MT = Material Certificate
-ML = Mill Certificate
-MR = NACE MR-01-75 Approval
-M3 = NACE MR-01-03 Approval
-PM = Positive Material Identification (PMI)
-P4 = SS 304 Plug & Chain
-P6 = SS 316 Plug & Chain
-PB = Brass Plug & Chain
-R2 = Special Surface Finish (Ra 20 max)
-T1 = Tantalum Coating/ Halar Coating
-T2 = Teflon Coating (Specify PFA or PTFE)
-T3 = Tungsten Carbide Coating
-TM = Special Marking (Stamping)
-TS = SS Tag (attached)
-WK = Wake Frequency Calculation

**OPTIONS**

Note: Rows above indicate standard pairings, for example: a 2” U dimension comes standard with a 4.25” overall length.