The Short Open Hole Packer is a hydraulic set packer designed to provide isolation between open hole frac stages. The large bore I.D. allows future milling / retrieving and service tools to pass through without issue. The short design facilitates reliable deployment through aggressive build sections in the well bore and eliminates the need for handling pup joints, reducing completion costs. The Short Open Hole Packer comes standard with an integrated rotating, hardened, low friction centralizer to help ensure smooth installation of liner systems. Because of its close proximity to the element, the centralizer provides improved element stand-off in the open hole section providing a more reliable seal. An anti-extrusion back up ring system provides improved element pack off, allowing for reliable sealing in open hole sections.

Features and Benefits

- Adjustable setting pressures for different down hole applications
- 10,000 psi (69 MPa) differential pressure rating
- Element anti-extrusion back-up system, with o-ring back-ups for improved pressure integrity
- Ratchet maintains consistent pack off regardless of pressure differentials
- Rotating centralizer integrated into packer design
- Centralizer placement allows even pack off of element, with other systems the setting of the tools forces the packer elements to lift and centralize the entire liner string while setting
- Centralizer rotation designed to ensure residual torque is used to tighten connections
- Centralizer is hardened and coated to help ensure smooth packer installation
- Rated to 400° F (204° C) with standard trim
- Premium threads and elastomers available on request

See specification table on next page
# Short Open Hole Packer

**Specifications**

<table>
<thead>
<tr>
<th>Connection Size</th>
<th>Connection Weight</th>
<th>Packer I.D.</th>
<th>Open Hole Size</th>
<th>Centralizer O.D.</th>
<th>Packer O.D.</th>
<th>Pressure Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>mm</strong></td>
<td><strong>in</strong></td>
<td><strong>mm</strong></td>
<td><strong>mm</strong></td>
<td><strong>mm</strong></td>
<td><strong>mm</strong></td>
<td><strong>kPa</strong></td>
</tr>
<tr>
<td><strong>3-1/2</strong> 88.9</td>
<td>9.30 13.84</td>
<td>2.937 74.60</td>
<td>4.750 120.7</td>
<td>4.500 114.30</td>
<td>4.375 111.13</td>
<td>5.380</td>
</tr>
<tr>
<td><strong>4-1/2</strong> 114.3</td>
<td>13.50 20.09</td>
<td>3.875 98.43</td>
<td>6.000 152.4</td>
<td>5.813 147.65</td>
<td>5.630 143.00</td>
<td>10,000</td>
</tr>
<tr>
<td><strong>5-1/2</strong> 139.7</td>
<td>23.00 34.23 or 20.00 29.76 or 17.00 25.30</td>
<td>4.670 118.62 or 4.778 121.36 or 4.892 124.26</td>
<td>8.250 209.6 or 8.375 212.7 or 8.500 215.9 or 8.625 219.1 or 8.750 222.3 or 8.875 225.4</td>
<td>8.063 204.80 or 8.188 207.98 or 8.313 211.15 or 8.438 214.33 or 8.563 217.50 or 8.688 220.68</td>
<td>7.625 193.68 or 7.875 200.03 or 8.125 206.38</td>
<td>14,000 96,527 or 15,000 103,421</td>
</tr>
</tbody>
</table>