TAM

Plug and Retainer Kit

- One-Trip system run on drill pipe
- Compatible with standard Casing Annulus Packers
- Cement plug with tail pipe for balance plug
- Includes all components required for converting a packer into a Bridge Plug or Cement Retainer
- Positive Dual Latching Dart system to prevent back flow after disconnecting
- Rotary Shoulder top connection

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ISO 9001: 2000
Description

The Plug & Retainer Kit is a one-trip system which includes a Hydraulic and Mechanical Release system. It is used with our Casing Annulus Packers (CAP™) that have a 10 ft. seal element or longer. The assembly is run into open hole in vertical or horizontal applications for shutting off water from the toe of the well, or providing a kick-off point in directional wells. The system also provides a means for squeezing cement into loss circulation or water zones below the packer, after it is inflated. The system is incorporated with Dual Valve Float Shoe and Latch-In Dart System to prevent back flow after squeezing cement, converting the system into a Bridge Plug.

Applications

- Cement plug for open hole kick-off
- Horizontal water shut-off

Dimensional and Engineering Data

<table>
<thead>
<tr>
<th>Size</th>
<th>Top Connector</th>
<th>Packer OD</th>
<th>Element Length</th>
<th>OAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-1/2</td>
<td>3-1/2 IF</td>
<td>5.56</td>
<td>10 ft – 20 ft</td>
<td>219.75”- 407.75”</td>
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<tr>
<td>5-1/2</td>
<td>3-1/2 IF</td>
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<td>10 ft – 20 ft</td>
<td>219.75”- 407.75”</td>
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<td>6-5/8</td>
<td>3-1/2 IF</td>
<td>7.69</td>
<td>10 ft – 20 ft</td>
<td>222.7”- 407.75”</td>
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<td>3-1/2 IF</td>
<td>8.06</td>
<td>10 ft – 20 ft</td>
<td>222.7”- 407.75”</td>
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<td>9-5/8</td>
<td>3-1/2 IF</td>
<td>10.88</td>
<td>10 ft – 20 ft</td>
<td>224”- 360”</td>
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</tbody>
</table>

* Other sizes available

Qatar Dual Lateral Open Hole Well Abandonment Application

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