Coiled Tubing Smart-J Tension Packer

Tension-set packer for coiled tubing operations
Applications

- Tension packer for coiled tubing
- Waterflooding operations
- Pressure testing
- Can be used as a completion packer

Features & Benefits

- Packer can be set without rotating tubing.
- Short And Compact - Increases the efficiency of handling, shipping, and storing of the tool
- Rocker-Type Slip Design - Eliminates the need for extra drag blocks, slip tie links, and guide grooves, allowing for shorter overall length but ones permanently free from stuck or cocked slips.
- Easy To Operate - A simple and reliable J-Slot mechanism, actuated from the surface by tubing rotation, makes the packer easy to set and release.
- Packing Element System - For temperatures up to 250º F, the standard 80 D (durometer) element can be used with sizes 41 through 51, and for applications above 250º F, a 90 D element is available. The Size 53 and 55 tools use a 70 D element, rated to 225º F. Standard and alternate elements are also available for higher temperatures.
- Full-Bore - Larger than tubing drift diameter. Any instruments capable of passing thru the tubing can be run thru the packer. Full ID also assists in preventing screen-out and subsequent plugging of the tubing during fracturing.
- Redress Kits available, extending tool life
Smart Packing for Coiled Tubing Operations

The Evolution Coiled Tubing Smart-J Tension Packer (CT-Smart-J Packer) provides a compact, economical retrievable packer for use where a set-down type packer for coiled tubing operations. This packer can be set without rotating the tubing.

Although designed primarily for waterflooding, this packer can also be used for such pressuring operations as formation fracturing in shallow or low-fluid-level wells.

With the Smart-J mechanism built into the mandrel of the CT-Smart-J Packer, you do not have to remove the tool from the hole to reset. Simply lift the run down the length of the J-mechanism (6 inches). The packer will only operate in tension.

### Specifications

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<th>Preferred Range of Casing ID’s</th>
<th>Guide Ring OD</th>
<th>Packer Element OD</th>
<th>Minimum Collapsed Diameter of Slips</th>
<th>Maximum Casing ID Slip Travel</th>
<th>Thread Spec. Box x Pin</th>
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<td>OD</td>
<td>Weight Lbs/ft</td>
<td>Size</td>
<td>Bore</td>
<td>MIN</td>
<td>MAX</td>
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Additional sizes and ranges available upon request.