



Single-Set Inflation Packer: Single and Straddle

The Thru-Tubing Single-Set Inflation Retrievable Packer (TTSIRP) is a game-changer for remedial and stimulation operations in wells. No longer do you have to pull the production tubing to get the job done. With an inflation sealing element, the packer is sized to pass through the production tubing, pack off the casing below, and then return back to its original size when deflated. This means you can retrieve the packer back through the production tubing, saving you time and money.

Not only does the TTSIRP work with tubing pressure, making it suitable for coiled tubing and threaded tubing, but it also has a large expansion inflation sealing element. This allows it to run through small diameters, such as production tubing, and set in the casing/liner below the tubing. The ID is open going in the hole, so the tubing can fill with fluid, or fluid can be circulated down the tubing.

To set the packer, all you have to do is drop a ball and pump fluid down the tubing to inflate the packing element. And when you're done, releasing it is just as easy - simply pull on the tubing.

With the TTSIRP, you can pump fluid down the work string to treat the formation below the tool or down the production tubing to treat the formation above the tool. Plus, the Thru-Tubing Single-Set Inflation Retrievable Straddle Packer (TTSIRSP) allows for even more precise fluid injection into a short section of the formation. This feature eliminates the use of other less effective methods used in the past for selective placement of treating fluids.

Trust the Thru-Tubing Single-Set Inflation Retrievable Packer (TTSIRP) and Thru-Tubing Single-Set Inflation Retrievable Straddle Packer (TTSIRSP) for your next remedial or stimulation operation.

Advantages

The Thru-Tubing Single-Set Inflation Retrievable Packer (TTSIRP) offers a host of advantages over traditional methods of performing remedial and stimulation operations in wells.

- First and foremost, the inflation packing element allows for large expansion ratios, meaning the tool can be set below the production tubing. And because it can be set, treated, and released all in a single trip, operations are much more efficient.
- But that's not all - the TTSIRP doesn't even require a rig on location, saving you money on operating costs. And thanks to its ability to be run on both coiled tubing and threaded tubing, it's incredibly versatile.
- Fluid can be circulated down the work string while running in the hole, and pressure can be equalized across the packer before it is released, ensuring a smooth and controlled operation.
- Finally, the TTSIRP allows for fluid to be injected below or above the tool, and with the Thru-Tubing Single-Set Inflation Retrievable Straddle Packer (TTSIRSP), adjustable straddle spacing ensures pinpoint placement of treatment fluids.
- In short, the Thru-Tubing Single-Set Inflation Retrievable Packer (TTSIRP) and Thru-Tubing Single-Set Inflation Retrievable Straddle Packer (TTSIRSP) are the smarter, more efficient choice for your remedial and stimulation operations.

Specification Guides						
Chassis OD	Element OD	Inside Diameter	Tool Length: Single	Tool Length: Straddle*	Guide Ring OD	Min. Restriction to Pass Through
in.	in.	in.	in.	in.	in.	in.
2.125	2.125	0.625	140.0	401.4	2.188	2.375
	2.500				2.563	2.750
	2.750				2.813	3.00
3.000	3.000	0.815	142.0	401.4	3.063	3.25
	3.375				3.438	3.625
4.25	4.25	1.7	146.3	-	4.313	4.5
	5.375				5.438	5.625
	6.5				6.563	6.75

* Length of straddle packer with minimum spacing between elements