

Downhole Tools

JS-3 Storm Packer

The JS-3 Storm Packer is a full-opening, set-down type hook-wall packer that is applicable for use in a variety of well treating, testing, and storm packers. The packers have drill pipe connections and feature a large internal bypass that provides a free flow of fluids through the packer during running, retrieving, and circulating.

This packer is ideal for use when high differential pressures from below the packer are anticipated and utilizes hydraulically-actuated button-type slips to anchor the packer against upward movement.

Setting the JS-3 is accomplished by rotating 1/3 right hand turn at the tool and setting weight down. This one operation sets the slips, energizes the packing elements, and closes the bypass. Retrieval is accomplished by straight pickup of the tubing or workstring that opens the bypass to equalize pressure above and below the packer. Continued pick-up will retract the slips and allow the packing elements to relax. The automatic 'J' system will engage and allow the packer to be retrieved or moved downhole and be reset. Internal Bypass

Specifications

Casing O.D.	Casing Weight #	Max O.D.	I.D. In.	Threads Box Up-Pin Down
7.0	38	5.65	2.25	2-7/8 IF
7.0	32.0 - 35.0	5.81	2.25	2-7/8 IF
7.0	26.0 - 29.0	5.97	2.25	2-7/8 IF
7.0	26.0 - 29.0	5.97	2.25	3-1/2 IF
7.0	20.0 - 26.0	6.07	2.25	2-7/8 IF
7.0	17.0 - 20.0	6.27	2.25	2-7/8 IF
7-5/8	33.7 - 39.0	6.45	2.25	2-7/8 IF
7-5/8	24.0 - 29.7	6.67	2.25	2-7/8 IF
7-5/8	20.0 - 24.0	6.81	2.25	2-7/8 IF
8-5/8	44.0 - 49.0	7.31	2.75	3-1/2 IF
8-5/8	32.0 - 40.0	7.53	2.75	3-1/2 IF
8-5/8	20.0 - 28.0	7.78	2.75	3-1/2 IF
9-5/8	47.0 - 53.5	8.21	2.75	3-1/2 IF
9-5/8	40.0 - 47.0	8.44	2.75	3-1/2 IF
9-5/8	29.3 - 36.0	8.59	2.75	3-1/2 IF
10-3/4	40.5 - 55.5	9.50	2.75	3-1/2 IF
10-3/4	40.5 - 55.5	9.50	2.75	4-1/2 IF
10-3/4	60.7	9.38	2.75	4-1/2 IF
11-3/4	60.0 - 83.0	10.06	2.75	3-1/2 IF
11-3/4	38.0 - 65.0	10.38	2.75	3-1/2 IF
13-3/8	48.0 - 72.0	12.13	2.75	3-1/2 IF
13-3/8	48.0 - 72.0	12.13	2.75	4-1/2 IF
16.0	75.0 - 102.0	14.50	3.75	4-1/2 IF
20.0	94.0 - 133.0	18.40	3.75	4-1/2 IF

Note: The most common sizes and specifications are depicted above.
Other sizes are available upon request.

