

Retrievable Casing Packers



Description

All Retrievable Casing Packers are full-opening, set-down type hook-wall type packers that are applicable for use in a variety of well treating, testing, and Tubing Conveyed Perforating operations. The packers are available in 4-1/2" through 13-3/8" casing sizes and feature a large internal bypass that provides a free flow of fluids through the packer during running, retrieving, and circulating.

This type 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 packer is accomplished by rotating 1/4 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.

Operating Specification

Casing				Packer					
OD (in.)	Weight (lb. /ft.)	Min. ID (in.)	Max. ID (in.)	Type	Max. ID (in.)	Min. ID (in.)	Max. Diff. (K psi)	Max. Temp. (°F)	Notes
4	9.5-11.0	3.47	3.55	CPKR	3.31	1.500	8	375	1
4-1/2	15.1-16.1	3.75	3.83	CPKR	3.59	1.500	10	375	1
	9.5-13.5	3.92	4.09	CPKR	3.75	1.875	10	375	1
5				TNT	3.75	1.875	15	375	2,3
	18.0-21.0	4.16	4.28	CPKR	3.97	1.875	10	375	1
	11.5-18.0	4.28	4.56	CPKR	4.22	1.875	10	375	1
5-1/2	20.0-23.0	4.67	4.78	CPKR	4.50	2.000	10	375	1
	14.0-20.0	4.78	5.01	CPKR	4.63	2.000	10	375	1
	14.0-20.0	4.78	5.01	CPKR	4.68	2.378	10	375	1
6-5/8	28.0-34.0	5.96	5.70	CPKR	5.38	2.500	10	375	1
	17.0-26.0	6.05	6.14	CPKR	5.81	2.500	10	375	1
7	26.0-32.0	6.18	6.28	CPKR	5.88	2.500	10	375	1
				TNT	5.88	2.400	15	400	2,3
	17.0-26.0	6.28	6.54	CPKR	6.13	2.500	10	375	1
7-5/8	33.7-39.0	6.63	6.77	CPKR	6.45	2.500	10	300	1
	24.0-29.7			CPKR	6.89	2.500	10	300	1
8-5/8	24.0-40.0	7.73	8.10	CPKR	7.53	3.000	8	300	1
9-5/8	43.5-45.5	8.54	8.76	CPKR	8.25	4.000	8	300	1
	32.3-45.5	8.76	9.00	CPKR	8.50	4.000	8	300	1
10-3/4	32.7-45.5	9.95	10.19	SCPKR	9.69	4.000	8	250	1
13-3/8	48.0-72.0	12.35	12.72	SCPKR	12.00	4.000	6	250	

Notes:

1= Internal Bypass

2= Ecner Array Element Available

3= Integral Connections

