

Service Tools

CS-1 Retrievable Casing Packer

The CS-1 Retrievable Casing Packer is a full-opening, set-down type hook-wall packer that is applicable for use in a variety of well treating, testing, and Tubing Conveyed Perforating operations. The packers are available in 4-1/2" through 7-5/8" casing sizes and feature a large internal bypass that provides a free flow of fluids through the packer during running, retrieving, and circulating. This 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 CS-1 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 pick-up 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.

Specifications

Casing OD	Casing Wt.	Tool OD	Tool ID	Threads Box up-Pin Down
4.50"	9.5 - 13.5	3.771	1.812	2-3/8 EU 8RD
4.50"	15.1	3.620	1.812	2-3/8 EU 8RD
5.00"	15 - 18	4.125	1.812	2-3/8 EU 8RD
5.00"	11.5-15	4.250	1.812	2-3/8 EU 8RD
5.50"	26	4.250	1.812	2-3/8 EU 8RD
5.50"	20 - 23	4.500	1.875	2-3/8 EU 8RD
5.50"	15.5 - 20	4.641	1.875	2-3/8 EU 8RD
5.50"	13 - 15.5	4.781	1.875	2-3/8 EU 8RD
6.625	12	6.078	2.375	2-3/8 EU 8RD
6.625	17 - 20	5.812	2.375	2-3/8 EU 8RD
6.625	24	5.656	2.375	2-3/8 EU 8RD
7.00"	38	5.656	2.375	2-7/8" EU 8RD
7.00"	32-35	5.812	2.375	2-7/8" EU 8RD
7.00"	26-29	5.968	2.375	2-7/8" EU 8RD
7.00"	20 - 26	6.078	2.375	2-7/8" EU 8RD
7.625"	33.7 - 39	6.453	2.375	2-7/8" EU 8RD
7.625"	24 - 29.7	6.672	2.375	2-7/8" EU 8RD
7.625"	20 - 24	6.812	2.375	2-7/8" EU 8RD

Note: Additional sizes available on request.

