



## Hydraulic Set RH Packer

The **Hydraulic Set RH Packers** are designed to be set by pressuring up the tubing string against a plugging device below the packer.

RH packers lock-set mechanically using spring-loaded internal slips. A lower set of mechanical slips holds the packer set against downward forces and an upper set of pressureactuated button slips holds the packer set against differential pressure from below. The packers are released and retrieved by a straight upward pull on the tubing string.

These kind of RH Packers are mainly applied in deep or deviated wells.

### Features

- 1) Tungsten-carbide disk inserts in the holddowns are protected from the casing wall as the packer is lowered into the well.
- 2) Triple-seal multidurometer elements have two hard end elements with molded self-retracting springs and a softer middle element for casing irregularities and low pressures.
- 3) Contoured case-carburized slips conform without belling the casing.
- 4) Dovetail slip design helps release the packer when retrieving.
- 5) Optional heads allow use of various latching arrangements.
- 6) Shear screws allow operator to vary the setting pressure and release force.
- 7) Release mechanism is protected from premature setting.

### Benefits

- 1) Has a low-pressure setting requirement so rig pumps usually provide enough pressure
- 2) Allows varied setting pressures with varied numbers of shear screws
- 3) Requires only a straight pull to release
- 4) Allows adjustment of pull-to-release in the field
- 5) Works well in all types of casing





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Casing Size		Casing Weight		Packer OD		Packer ID	
In.	mm	lb/ft	Kg/m	In.	mm	In.	mm
4 1/2	114.30	9.5-13.5	14.14-20.09	3.75	95.25	1.62	41.15
		9.5-11.6	14.14-17.26	3.83	97.28	1.92	48.77
		11.6-15.1	17.26-22.47	3.65	92.71	1.53	38.86
5	127.00	11.5-13	17.11-19.35	4.31	109.47	1.94	49.28
		15-18	22.32-26.79	4.12	104.65	1.93	48.95
5 1/2	139.70	13-17	19.35-25.30	4.62	117.35	1.94	49.28
		17-23	25.30-34.22	4.50	114.30	1.94	49.28
6	152.40	20-26	29.76-38.69	5.00	127.00	1.92	48.77
6 5/8	168.28	17-24	25.30-35.72	5.73	145.54	2.89	73.41
		24-32	35.72-47.62	5.50	139.70	2.38	60.45
7	177.80	17-23	25.30-34.22	6.19	157.23	2.38	60.45
		20-26	29.76-38.69	6.12	155.45	2.37	60.20
		23-29	34.22-43.16	5.88	149.35	2.38	60.45
				6.00	152.40	2.89	73.41
		26-32	38.69-47.62	5.94	150.88	2.36	59.94
		29-32	43.16-47.62	5.88	149.35	2.88	73.15
				5.77	146.56	2.34	59.44
		29-35	43.16-52.09	5.83	148.08	2.89	73.41
38-40	56.55-59.53	5.50	139.70	2.38	60.45		
7 5/8	193.68	24-29.7	35.72-44.20	6.64	168.66	2.91	73.91
		29.7-39	44.20-58.04	6.40	162.56	2.89	73.41
9 5/8	244.48	36-40	53.57-59.53	8.62	218.95	3.00	76.20
		40-47	59.53-69.94	8.38	212.85	2.34	59.44
				8.38	212.85	3.00	76.20
				8.38	212.85	4.73	120.14
		47-53.5	69.94-79.62	8.31	211.07	2.34	59.44
				8.31	211.07	3.00	76.20
8.31	211.07			4.73	120.14		

- 1) Other sizes available on request.
- 2) These ratings are guidelines only.

Subject to change without notice