

# MODEL “HD” COMPRESSION RETRIEVABLE PACKER

## DESCRIPTION

The HD packer is a heavy duty compression set retrievable packer, designed for general purpose service work, which can hold high differential pressures from above or below. It is set by a quarter turn at the packer followed by set down weight and the hydraulically operated upper hold-down buttons anchor the packer when it is subject to high differential pressures from below. The HD packer may be run with a mechanical set bridge plug for straddling intervals and can perform multiple procedures in a single run. The packer's internal unloader allows circulation below the hold-down buttons making it easier to retrieve. The internal bypass also provides for circulation around the tool thereby allowing faster trip time with less tendency of swabbing.

## FEATURES

- Tubing connections are standard on the full-bore mandrel.
- Pressure-balanced mandrel hold-downs counteract pressure from below.
- Set by a quarter turn at the packer and released by picking up.
- Can be dressed to set with a quarter turn to the right or left as required.
- Can be dressed with carbide slips and hold down buttons for long life.
- The large-diameter hold-down buttons reduce casing damage.

## PRODUCT SPECIFICATION

Casing Size (inches)	Weight (lbs/ft)	Setting Range (in)		Tool OD (inches)	Tool ID (inches)	Thread Connection Box Up / Pin Down
		Min	Max			
5	11.5-15	4.408	4.560	4.125	1.88	2-3/8 EUE
	18-21	4.154	4.276	3.969	1.75	
5-1/2	14-20	4.778	5.012	4.625	2.00	2-3/8 EUE
	20-23	4.670	4.778	4.500		
7	17-26	6.276	6.538	6.000	2.50	2-7/8 EUE
	26-32	6.094	6.276	5.875		
7-5/8	24-29.7	6.875	7.025	6.672	2.50	2-7/8 EUE
	33.7-39	6.625	6.765	6.453		
9-5/8"	32.35-43.5	8.755	9.001	8.500	4.00	4-1/2" EUE
	43.5-53.5	8.535	8.755	8.250		
13-3/8"	54.5-77	12.28	12.615	12.00	4.00	4-1/2" EUE

