

# MECHANICAL SET RETRIEVABLE PACKER



## SH-SIX MECHANICAL SET RETRIEVABLE PRODUCTION PACKERS

The Model SH-SIX single string mechanical Production Packer is a retrievable, double grip compression or tension-set packer that holds pressure from above or below. Once set the tubing string can be left in tension, compression, or in a neutral position. A large internal bypass reduces the swabbing effect during run-in and retrieval, and closes when the packer is set. When the packer is released, the bypass opens first, allowing the pressure to equalize before the upper slips are pulled from the casing. The Model SH-SIX also features an upper slip releasing system that reduces the force required to release the packer. A non-directional slip is released first, making it easier to release other slips.



## SPECIAL FEATURES

- Internal bypass reduces swabbing
- Holds 7,500 psi high pressure differentials from above or below Incorporates standard setting and releasing methods of only one quarter turn to the right
- Tubing string can be held in tension, compression or neutral set while the packer remains engaged
- Optional shear release features available upon request
- Many different elastomers are available for different running requirements By-pass valve is below upper slips so the debris is washed from slips when the valve is opened
- Can be configured with Carbide Slips and Drag Blocks for premium casing

CASING		SETTING RANGE		TOOL		THREAD BOX X PIN	
OD (in.)	Wt (lbs/ft)	Min ID (in.)	Max ID (in.)	OD(in)	ID(in)		
3-1/2	7.7-10.2	2.922	3.068	2.781	1.25	1.500" NU	
4-1/2	15.1-16.6	3.754	3.826	3.594	1.5	1.900" NU	
	9.5-13.5	3.920	4.090	3.750	1.938	2-3/8" EU 8RD	
	13.5-15.1	3.826	3.920	3.650	1.938		
5	18.0-20.8	4.156	4.276	4.000	1.938		
	11.5-15	4.408	4.560	4.125	1.938		
5-1/2	20.0-23.0	4.670	4.778	4.500	1.938		2-7/8" EU 8RD
	14.0-20.0	4.778	5.012	4.625			
	20.0-23.0	4.670	4.778	4.500	2.375		
	15.5-17.0	4.892	4.95	4.625			
	13.0-14.0	5.012	5.044	4.775			
	9.0-13.0	5.044	5.192	4.813			
6-5/8	24.0-32.0	5.675	5.921	5.500	3.000	3-1/2" EU 8RD	
	20.0-24.0	5.921	6.049	5.750		2.500	2-7/8" EU 8RD
	17.0-24.0	5.921	6.135	5.750			
7	26.0-32.0	6.094	6.276	5.875	3.000	3-1/2" EU 8RD	
	17.0-26.0	6.276	6.538	6.000			
	26.0-32.0	6.094	6.276	5.875	2.500	2-7/8" EU 8RD	
	17.0-26.0	6.276	6.538	6.000			
7-5/8	33.7-39.0	6.625	6.765	6.437	3.000	3-1/2" EU 8RD	
	33.7-39.0	6.625	6.765	6.437			
	24.0-29.7	6.875	7.025	6.672	2.500	2-7/8" EU 8RD	
	24.0-29.7	6.875	7.025	6.672			
9-5/8	43.5-53.5	8.535	8.755	8.250	4.000	4-1/2" EU 8RD	
	32.3-43.5	8.755	9.001	8.500			