

SMJ-C RETRIEVABLE STORM PACKER

HT CO₂ H₂S

Model SMJ-C Retrievable Storm Packers are also used in production, stimulation, perforating, gravel packing and testing applications. The hydraulic hold down is below the pressure equalization valve. The tool features a proven three element packing system and a hydraulically controlled balance piston designed to keep the by-pass closed when set. The tools are available in 7” through 20” casings and comes standard with API IF thread forms.

Features:

- Sets securely in any hardness casing, including premium grades
- Three piece packing element system with metal backups accommodates low and high pressure applications for the broadest range of service
- Hydraulic hold down button unit with large internal flow path located below the bypass valve to reduce element swabbing and button wicker dulling. These hold down piston type slips are set by pressure from below
- Surface controlled combination bypass and equalizing valve
- Tubing pressure actuated hydraulic piston eliminate excessive set down weight requirements. This feature is far more efficient than collet type locking systems
- Automatic Jay Unit, setting the packer is accomplished by running to depth, picking up a few feet rotating 2/3 turns to the right and setting down
- Straight pickup of the tubing will first open the bypass valve and equalize pressure, continued pickup will release the packer and automatically engage the packer in the running position for further operations up or down the hole
- Wicker slips are machined from 4140 promising the ultimate sharpness and hardness. Lower slips are held fully retracted during running and retrieving. Slips and pistons are also available with carbide inserts
- Friction pads are also available with carbide inserts
- All Thread connection come standard in API IF thread form
- All Pressure bearing O-rings have backups for higher pressure resistance
- Load and pressure resistance designed to meet high load applications



SPECIFICATIONS

Part number	Casing OD (in)	Casing Wt (lbs/ft)	Setting range		Tool OD (in)	Tool ID (in)	Connection thread
			Min(in)	Max(in)			
D40-0500-601	5	15.0-18.0	4.25	4.408	4.13	1.75	2 3/8" IF
D40-0550-601	5 1/2	20.0-23.0	4.625	4.778	4.51	1.938	2 7/8" IF
D40-0550-603	5 1/2	15.5-20	4.778	4.95	4.64		
D40-0550-602	5 1/2	13.0-15.5	4.95	5.19	4.78		
D40-0700-601	6 5/8	24	5.83	5.937	5.65	2.25	2 7/8" IF
D40-0700-602	7	32.0-35.0	5.938	6.135	5.81		
D40-0700-603	7	26.0-29.0	6.136	6.276	5.97		
D40-0700-604	7						
D40-0700-605	7	20.0-26.0	6.276	6.456	6.07		
D40-0700-606	7	17.0-20.0	6.456	6.578	6.27		
D40-0762-601	7 5/8	33.7-39.0	6.579	6.797	6.45		2 7/8" IF
D40-0762-602	7 5/8	24.0-29.7	6.798	7.025	6.67		
D40-0762-603	7 5/8	20.0-24.0	7.025	7.125	6.81		
D40-0862-601	8 5/8	44.0-49.0	7.511	7.625	7.31	2.75	3 1/2" IF
D40-0862-602	8 5/8	32.0-40.0	7.725	7.921	7.53		
D40-0862-603	8 5/8	20.0-28.0	8.017	8.191	7.78		
D40-0962-601	9 5/8	47.0-53.5	8.535	8.681	8.21		
D40-0962-602	9 5/8	40.0-47.0	8.681	8.835	8.44		
D40-0962-603	9 5/8	29.3-36.0	8.921	9.063	8.59		
D40-1075-601	10 3/4	40.5-55.5	9.75	10.05	9.5		
D40-1075-611		60.7	9.504	9.66	9.38		
D40-1075-612	10 3/4	60.7	9.504	9.66	9.38		
D40-1175-602	11 3/4	60.0-83.0	10.192	10.772	10.06		
D40-1175-601	11 3/4	38.0-65.0	10.682	11.15	10.38		
D40-1337-601	13 3/8	48.0-72.0	12.347	12.715	12.13	4 1/2" IF	
D40-1337-611	13 3/8	48.0-72.0	12.347	12.715	12.13		
D40-1600-601	16	75.0-102.0	14.75	15.125	14.5	3.75	4 1/2" IF
D40-2000-601	20	94.0-133.0	18.73	19.124	18.4		