

SMJ-A MECHANICAL SET RETRIEVABLE PRODUCTION PACKERS

HT CO₂ H₂S

Model SMJ-A Retrievable Packers are used in Tubing Conveyed Perforating and Single Trip 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 4 1/2" through 16" casings.

Features:

- Set securely in any hardness casing, including premium grades
- Three piece packing element system with metal backups accommodate 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 eliminates 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
- Long carbonized friction pads act independent of slips and allow trouble free passage through collar and recesses and stage tool profiles. Friction pads are also available with carbide inserts
- All SMJ-A packers come with heavy duty long acme threads and dual O-Ring Backups on the body to coupling connections
- All STJS-2A packers come standard with 8 Round top and bottom connections. For API IF connections see our SMJ-C packers. For other premium threads please contact sales



SPECIFICATIONS

Part number	Casing OD (in)	Casing Wt (lbs/ft)	Setting range		Tool OD (in)	Tool ID (in)	Connection thread	
			Min(in)	Max(in)				
D40-0450-001	4 1/2	9.5-13.5	3.91	4.09	3.77	1.81	2 3/8"-8RD EU	
D40-0500-001	5	15.0-18.0	4.25	4.408	4.13	1.81		
D40-0500-002	5	11.5-15.0	4.408	4.56	4.25	1.81		
	5 1/2	26						
D40-0550-001	5 1/2	20.0-23.0	4.625	4.778	4.51	1.94		
D40-0550-002	5 1/2	15.5-20.0	4.778	4.95	4.64	1.94		
D40-0550-003	5 1/2	13.0-15.5	4.95	5.19	4.78	1.94		
D40-0700-001	6 5/8	24	5.83	5.937	5.65	2.38		2 7/8"-8RD EU
	7	38						
D40-0700-002	7	32.0-35.0	5.938	6.135	5.81	2.38		
D40-0700-003	7	26.0-29.0	6.136	6.276	5.97	2.38		
D40-0700-004	7	20.0-26.0	6.276	6.456	6.07	2.38		
D40-0700-005	7	17.0-20.0	6.456	6.578	6.27	2.38		
D40-0762-001	7 5/8	33.7-39.0	6.579	6.797	6.45	2.38		
D40-0762-002	7 5/8	24.0-29.7	6.798	7.025	6.67	2.38		
D40-0762-003	7 5/8	20.0-24.0	7.025	7.125	6.81	2.38		
D40-0862-004	8 5/8	57.4-60.7	7.062	7.25	6.98	3	3 1/2"-8RD EU	
D40-0862-001	8 5/8	44.0-49.0	7.511	7.625	7.31	3		
D40-0862-002	8 5/8	32.0-40.0	7.725	7.921	7.53	3		
D40-0862-003	8 5/8	20.0-28.0	8.017	8.191	7.78	3		
D40-0962-001	9 5/8	47.0-53.5	8.535	8.681	8.21	3		
D40-0962-002	9 5/8	40.0-47.0	8.681	8.835	8.44	3		
D40-0962-003	9 5/8	29.3-36.0	8.921	9.063	8.59	3		
D40-1075-002	10 3/4	40.5-55.5	9.75	10.05	9.5	3		
D40-1175-002	11 3/4	60.0-83.0	10.192	11.772	10.06	3		
D40-1175-001	11 3/4	38.0-65.0	10.682	11.15	10.38	3		
D40-1337-001	13 3/8	48.0-72.0	12.347	12.715	12.13	3		
D40-1600-001	16	75.0-102.0	14.75	15.125	14.5	3.75		