

MAP Oil Tools

MAP Oil Tools

JS \hat{a} , ϕ -3 Retrievable Storm Packers

Retrievable Storm Packer Model JS \hat{a} , ϕ -3 (with P110 Body, Coupling, Sub and Carbide Slips, Drag Blocks) Model JS \hat{a} , ϕ -3 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 4 1/2" through 20" Casing. Comes standard with API IF thread forms. Sets 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 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. 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. P110 body, coupling and sub for heavier duty jobs. Carbide slips, pistons and drag blocks for high hardness casing.

Tech Sheet	Part Number (Click for part list and technical information)	Casing OD	Casing Wt	Setting Range Min ID	Setting Range Max ID	Tool OD	Tool ID	Threads Box Up Pin Down
Tech	0545641514	5 1/2	15.5-20	4.778	4.950	4.64	1.75	2 7/8 IF
Tech	0545642716	6 5/8	24.0	5.830	5.937	5.65	2.25	3 1/2 IF
Tech	0545642712	7	38.0	6.136	6.276	5.97	2.25	3 1/2 IF

Tech	0545642714	7	17.0-20.0	6.456	6.578	6.27	2.25	3 1/2 IF
Tech	0545643711	7 5/8	24.0-29.7	6.798	7.025	6.67	2.25	3 1/2 IF
Tech	0545644709	8 5/8	44.0-49.0	7.511	7.625	7.31	2.75	3 1/2 IF
Tech	0545644711	8 5/8	20.0-28.0	8.017	8.191	7.78	2.75	3 1/2 IF
Tech	0545645713	9 5/8	47.0-53.5	8.535	8.681	8.21	2.75	4 1/2 IF
Tech	0545645717	9 5/8	40.0-47.0	8.681	8.835	8.44	2.75	3 1/2 IF
Tech	0545645715	9 5/8	29.3-36.0	8.921	9.063	8.59	2.75	4 1/2 IF