

MAPSET HP – MECHANICAL SET RETRIEVABLE PRODUCTION PACKERS



The Model MAPSET-HP single string Mechanical Production Packer is a retrievable, double-grip compression or tension-set production 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 MAPSET-HP 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 the other slips. These flexible features allow the MAPSET-HP to be run in a variety of applications ranging from Production Packer to Bridge Plug to Service Packer.

- Internal bypass reduces swabbing.
- Holds 10,000 psi high pressure differentials from above or below.
- 7,500 psi (7.5K) option for lower pressure applications. See MAPSET.
- Only one-quarter right rotation is required to set and release Tubing string can be held in tension, compression or neutral set while the packer remains engaged
- Optional shear release features available upon request
- Packing element options are available for hostile environments
- Bypass 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
- Xylan (PTFE) Coating available for hostile environment Parts interchangeable with other manufacturers

Standard Part Number	W/Carbide Part Number	Casing OD	Casing Wt	Setting Range Min ID	Setting Range Max ID	Tool OD	Tool ID	Threads Box Up Pin Down
CPS5360002	CPS5360012	4 1/2	9.5-13.5	3.920	4.090	3.750	1.938	2 3/8 EU 8RD
CPS5360003	CPS5360013	4 1/2	13.5-15.1	3.826	3.920	3.650	1.938	2 3/8 EU 8RD
CPS5360006	CPS5360016	5	18.0-20.8	4.156	4.276	4.00	1.938	2 3/8 EU 8RD
CPS5360007	CPS5360017	5	11.5-15.0	4.408	4.560	4.125	1.938	2 3/8 EU 8RD
CPS5361001	CPS5361011	5 1/2	20.0-23.0	4.670	4.778	4.500	1.938	2 3/8 EU 8RD
CPS5361002	CPS5361012	5 1/2	14.0-20.0	4.778	5.012	4.625	1.938	2 3/8 EU 8RD
CPS5361006	CPS5361016	5 1/2	20.0-23.0	4.670	4.778	4.500	2.375	2 7/8 EU 8RD
CPS5361007	CPS5361017	5 1/2	15.5-20.0	4.778	4.950	4.625	2.375	2 7/8 EU 8RD
CPS5362004	CPS5362014	7	26.0-32.0	6.094	6.276	5.875	2.500	2 7/8 EU 8RD
CPS5362005	CPS5362015	7	17.0-26.0	6.276	6.538	6.000	2.500	2 7/8 EU 8RD
CPS5363001	CPS5363011	7 5/8	33.7-39.0	6.625	6.765	6.453	2.500	2 7/8 EU 8RD
CPS5363004	CPS5363014	7 5/8	24.0-29.7	6.875	7.025	6.672	2.500	2 7/8 EU 8RD

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