

CMS Hydraulic Set Packers

CMS-H1 Hydraulic Production Packer

The CMS-H1 is a high-pressure, double-grip, retrievable hydraulic- set production packer. The CMS-H1 is released by the straight pull of the tubing string. It features an upper-slip releasing system that reduces the strain required to release the slips. Dislocating a non-directional slip first triggers an automatic release of the other slips.

The CMS-H1 production packer is recommended for use in well completions where the packer will be set after the well has been flanged up, as well as in deviated holes, gas-lift installations, and other completions where a mechanical- set packer is not suitable. The CMS-H1 is ideal for stacked installations because the built-in zone-activated pressure-balance system offsets pressure differentials across the packer.

Features and Benefits

- Upper-slip releasing system
- Tension force to release packer easily adjusted before running
- All components locked to prevent pre-set
- Release shear pins not affected by differential pressures
- Tension force to release the packer is easily adjusted in the field
- Straight pull release

Applications

- Offshore oil and gas completions
- Highly deviated wells and doglegs
- Stacked packer completions
- Coiled tubing completions



SIZE INCHES / mm	WEIGHT LBS/FT / kg/m	MAX OD INCHES / mm	MIN ID INCHES / mm	STANDARD THREAD CONNECTIONS
4.500 / 114,30	15.10 / 22,47	3.656 / 92,86	1.984 / 50,39	2.375 EU 8RD
	9.5 - 13.5 / 14,1 - 20,1	3.766 / 95,66	1.984 / 50,39	2.375 EU 8RD
5.000 / 127,00	15.0 - 18.0 / 22,32 - 26,78	4.125 / 104,78	1.984 / 50,39	2.375 EU 8RD
	11.5 - 15.0 / 17,11 - 29,76	4.250 / 107,95	1.985 / 50,42	2.375 EU 8RD
5.500 / 139,70	20.0 - 23.0 / 29,8 - 29,8	4.500 / 114,30	1.985 / 50,42	2.375 EU 8RD
	14.0 - 20.0 / 20,8 - 29,8	4.625 / 117,48	1.985 / 50,42	2.375 EU 8RD
5.750 / 146,05	20.4 - 14.8 / 30,36 - 36,90	4.744 / 120,50	1.985 / 50,42	2.375" EU 8RD
6.000 / 152,40	15.0 - 18.0 / 22,32 - 26,78	5.188 / 131,78	1.985 / 50,42	2.375 EU 8RD
6.625 / 168,28	24.0 - 32.0 / 35,7 - 47,6	5.500 / 139,70	2.484 / 63,09	2.875 EU 8RD
7.000 / 177,80	26.0 - 32.0 / 38,7 - 47,6	5.875 / 149,23	2.484 / 63,09	2.875 EU 8RD
	17.0 - 26.0 / 25,3 - 38,7	6.000 / 152,40	2.484 / 63,09	2.875 EU 8RD
	26.0 - 32.0 / 38,7 - 47,6	5.875 / 149,23	2.984 / 75,79	3.500 EU 8RD
	17.0 - 26.0 / 25,3 - 38,7	6.000 / 152,40	2.984 / 75,79	3.500 EU 8RD
7.625 / 193,65	33.7 - 39.0 / 50,15 - 28,03	6.453 / 163,91	2.984 / 75,79	3.500 EU 8RD
	20.0 - 33.7 / 29,76 - 50,15	6.625 / 168,28	2.984 / 75,79	3.500 EU 8RD
9.625 / 244.48	40.0 - 53.5 / 59,52 - 79,62	5.250 / 209,55	2.984 / 75,79	3.500 EU 8RD
	32.3 - 43.5 / 48,06 - 42,01	8.500 / 215.90	2.984 / 75,79	3.500 EU 8RD
	40.0 - 53.5 / 59,52 - 79,62	8.250 / 209,55	3.938 / 100,03	4.500 EU 8RD