

CMS Mechanical Set Packers

CMS I-X HP Production Packer

The CMS I-X HP Production Packer is a high-pressure double grip tubing retrievable packer that holds pressure from above and below. The HP version of the CMS I-X packer is capable of being set in tension or compression, once set the tubing string can be left in tension, compression or neutral. It is normally set and retrieved using a 1/4 turn to the right. It is designed to be run with the standard T-2 On-Off Tool disconnect as the seal assembly and retrieving tool. The release mechanism incorporates an internal by-pass which opens to equalize pressure before the upper slips are released from the casing wall by means of a sequential release system.

Features

- The packer can be set in tension, compression or neutral depending on the application
- Standard setting and releasing methods incorporate a 1/4 turn to the right at the tool
- The internal by-pass equalizes pressure across the packer to reduce any tendency to swabbing
- Use of the T-2 disconnect feature eliminates the need for expensive seal assemblies
- Available in shear release design
- Standard element design rated at 250°F with elevated temperature capabilities
- up to 425°F with choice of appropriate elastomers
- Standard flow wet parts AISI 4130-4145, 110 KSI

Applications

- Effectively meets several requirements for zonal isolation, injection, pumping, and production
- Full opening gives unrestricted flow and allows the passage of wireline tools and other accessories

SIZE INCHES <i>mm</i>	WEIGHT LBS/FT <i>kg/m</i>	MAX OD INCHES <i>mm</i>	MIN ID INCHES <i>mm</i>	PRESSURE RATING PSI <i>bar</i>	STANDARD THREAD CONNECTIONS
7.625 193,68	33.7 - 39.0 50,15 - 58,03	6.453 163,91	2.485 63,12	7000 482,63	2.875 EU 8RD
	24.0 - 33.7 35,71 - 50,14	6.672 169,47	2.485 63,12	7000 482,63	2.875 EU 8RD
8.625 219,08	24.0 - 40.0 35,71 - 59,52	7.500 190,50	3.985 75,82	6000 413,68	3.500 EU 8RD
9.625 244,48	43.5 - 53.5 64,73 - 79,61	8.250 209,55	3.985 75,82	6000 413,68	3.500 EU 8RD
	32.3 - 43.5 48,06 - 34,73	8.500 215,90	3.985 75,82	6000 413,68	3.500 EU 8RD

