

MAXIMUS

Completion Systems

HIGH PRESSURE
MLH HYDRAULIC SET PACKER



MAGNUS MLH-HP

**HIGH PRESSURE (7,500 Psi.)
HYDRAULIC SET PACKER**



Magnus MLH-HP High Pressure Hydraulic Set Packer

The Magnus Hydraulic set single string retrievable packer used in virtually any production application. Tubing pump pressure is applied to set the packer and the setting force is locked in to the packer by a body lock ring.

A large internal by-pass reduces swabbing when running and retrieving. The by-pass closes when the packer is set, and opens during the releasing process to allow pressure equalization.

This Packer can be run in single or multiple configurations (tandem).

Shear screws are used to control the packer release. The standard Magnus packer is designed for differential pressure up to 7,500 Psi.

Magnus MLH-HP Packer can be used for Production, Injection, medium pressure stimulations etc.,

Packer Features

- Adjustable setting initiation pressure
- Adjustable shear release values
- The packer incorporates ONE PIECE mandrel
- The packer can be released by straight pull
- Ideal packer for high deviation wells
- All metallurgies i.e. AISI 4140 L-80, 9Cr. 1 Mo., 13Cr.
- Premium Thread Connections are available

Related Tools :

- a) Pump-Out Plug
- b) Profile Plug with Profile Landing Nipple



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Specifications

CASING		RECOMMENDED HOLE SIZE (inches)	TOOL O.D. (inches)	TOOL I.D. (inches)	THREAD CONNECTION (Box Up / Pin Down)
O.D. (inches)	Weight (Lbs / ft)				
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	1.94	2-3/8" EUE
	15.1	3.826	3.656	1.94	2-3/8" EUE
5.00	11.5 - 15.0	4.408 - 4.560	4.125	1.94	2-3/8" EUE
	18.0 - 21.0	4.154 - 4.276	4.000	1.94	2-3/8" EUE
5-1/2	13.0 - 15.5	4.950 - 5.044	4.813	2.38	2-7/8" EUE
				2.00	2-3/8" EUE
	14.0 - 20.0	4.778 - 5.012	4.625	2.38	2-7/8" EUE
				2.00	2-3/8" EUE
20.0 - 23.0	4.670 - 4.778	4.50	2.38	2-7/8" EUE	
			2.00	2-3/8" EUE	
6.00	17.0 - 23.0	5.240 - 5.450	5.063	2.38	2-7/8" EUE
6-5/8	17.0 - 24.0	5.921 - 6.135	5.750	2.50	2-7/8" EUE
				3.00	3-1/2" EUE
	24.0 - 32.0	5.675 - 5.921	5.500	2.50	2-7/8" EUE
				3.00	3-1/2" EUE
7.00	17.0 - 26.0	6.276 - 6.538	6.000	2.50	2-7/8" EUE
				3.00	3-1/2" EUE
	26.0 - 32.0	6.094 - 6.276	5.875	2.50	2-7/8" EUE
				3.00	3-1/2" EUE
29.0 - 35.0	6.004 - 6.184	5.812	2.50	2-7/8" EUE	
			3.00	3-1/2" EUE	
7-5/8	24.0 - 29.0	6.875 - 7.025	6.672	2.50	2-7/8" EUE
				3.00	3-1/2" EUE
	29.7 - 33.7	6.765 - 6.875	6.563	3.00	3-1/2" EUE
				2.50	2-7/8" EUE
33.7 - 39.0	6.625 - 6.765	6.453	3.00	3-1/2" EUE	
			2.50	2-7/8" EUE	
8-5/8	24.0 - 40.0	7.725 - 8.097	7.500	4.00	4-1/2" EUE
9-5/8	32.3 - 43.5	8.755 - 9.001	8.500	2.50	2-7/8" EUE
				3.00	3-1/2" EUE
	43.5 - 53.5	8.535 - 8.755	8.250	4.00	4-1/2" EUE
				2.50	2-7/8" EUE
				3.00	3-1/2" EUE
				4.00	4-1/2" EUE

