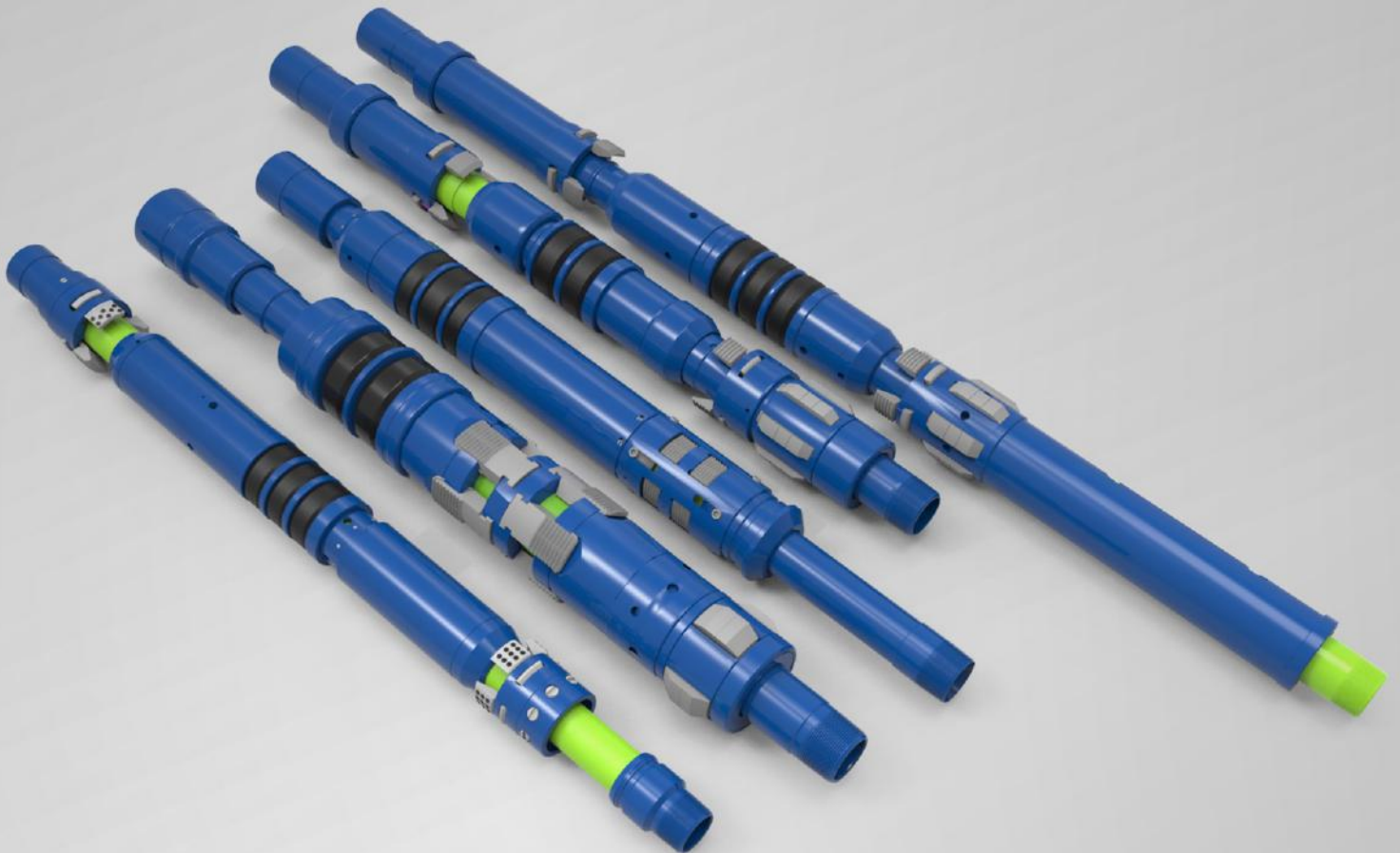


MAXIMUS

Completion Systems

PACKER SYSTEMS



**MagnusPerm
Permanent Hydraulic Set
Sealbore Packer
Product No.: MSPH**



MagnusPerm Permanent Hydraulic Set Sealbore Packer

MagnusPerm Hydraulic Set, Permanent Sealbore Packer is designed for Single or Multiple zone completions in straight to highly deviated wells having high differential pressures.

The robust, high-performance packer can be set on tubing with anchor latch already inserted into the sealbore of packer, meaning, single trip completion.

Ductile cast-iron full-strength, full-circle slips distribute the load evenly around the casing wall, maximizing the load rating and reliability.

FEATURES:

- 10,000 Psi., and 350 degree F rated standard packer.
- Recommended for High-pressure production or testing
- Excellent packer for Fracture stimulations
- Lower-zone isolation (packer as a bridge plug) using Knock-Out Sub
- Tubing removal & insertion is possible as many times as required
- Sets easily in P-110 Grade Casing to eliminate the need for carbide insert slips
- The packer is available with materials and elastomers for hostile environments
- Components keyed for easy milling
- Anti-extrusion rings expand to casing ID to prevent rubber extrusion
- Full circle slips allow for faster run time



MagnusPerm
Permanent Hydraulic Set Sealbore Packer

Casing & Packer Dimension Table

Casing				Packer		
Size (inches)	Weight (PPF)	Min. I.D.	Max. I.D.	Max. O.D.	Sealbore	Min Bore thru Seals
5-1/2"	20.0-23.0	4.670	4.778	4.500	3.000	2.350
	14.0-20.0	4.778	5.012	4.625		
7"	29.0-35.0	6.004	6.184	5.813	3.250	2.390
	23.0-32.0	6.094	6.366	5.938		
	29.0-35.0	6.004	6.184	5.813	4.000	2.990
	23.0-32.0	6.094	6.366	5.938		
7-5/8"	29.7-39.0	6.625	6.875	6.438	4.000	2.990
	20.0-29.7	6.875	7.125	6.688		
9-5/8"	47.0-53.5	8.535	8.681	8.319	4.000	2.990
					4.750	3.830

Note*: Elastomers available: Nitrile, HNBR, HSN, Viton, Aflas



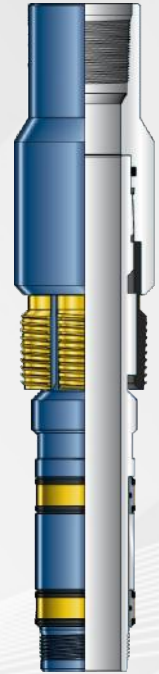
MagnusPerm Hydraulic Set Sealbore Packer Accessories Anchor Latch & Shear-type Anchor Latch

Threaded Latch Anchor Seal Assembly

Threaded Latch Anchor is used to hold tubing in tension or compression. The Threaded Latch will automatically latch into the MagnusSeal Sealbore packer when weight is applied at the tool.

To release from the packer, pull 1,500 pounds of tension above tubing weight, rotate 12 turns to the right at the tool.

Several sealing options are available from molded Nitrile seals to RTR, VTR, TKM, PEEK, RKTR enabling sealing to 10,000 Psi., and temperature ratings to 450 degrees F.



Anchor Latch

Shear-type Anchor Latch

Shear-type Anchor Latch is a Snap-In & Snap-Out Anchor Latch.

To release from the packer, pull the recommended tension above tubing weight to release from Sealbore Packer.

Several sealing options are available from molded Nitrile seals to RTR, VTR, TKM, PEEK, RKTR enabling sealing to 10,000 Psi., and temperature ratings to 450 degrees F.



Shear-type
Anchor Latch

