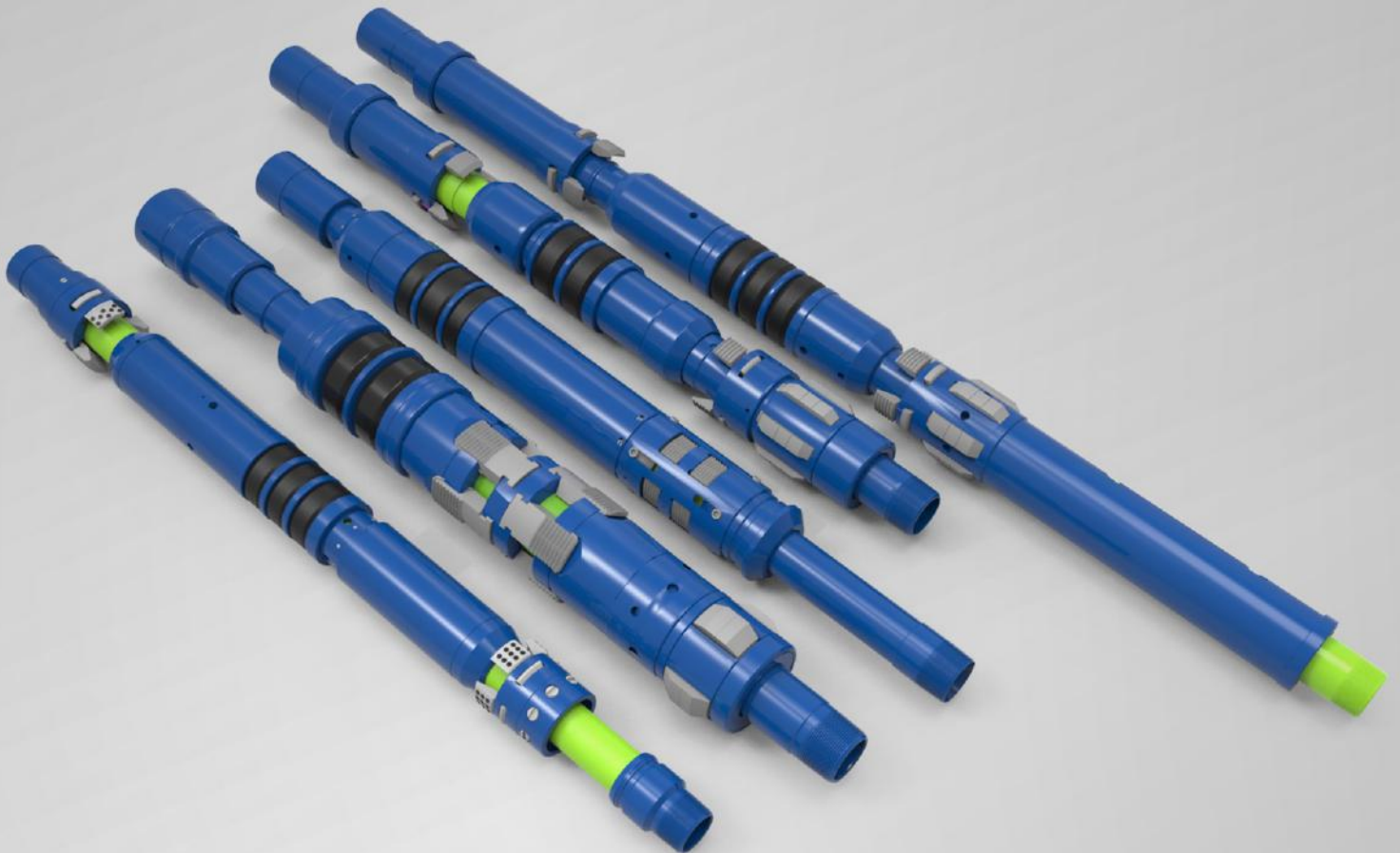


MAXIMUS

Completion Systems

PACKER SYSTEMS



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Technical Information

Magnus Set Thermal Packer

(400 degree F Rating)

Product No.: MTP-770915



Magnus Set – MTP-770915 Thermal Packer

The Model: “Magnus Set” Thermal Packer is a single-string, double-grip retrievable style packer designed especially for geothermal, steam flood or other severe temperature wells, holds pressure differentials securely from both above and below the packer.

Magnus Set Thermal Packer may be set using either tension or compression force and, once set, may be left in either mode, or in neutral, without any danger of the packer releasing accidentally.

Magnus Set Thermal Packer has closed style J-Slot, located on the exterior of the packer body. This feature helps to prevent the setting and releasing problems which are normally associated with the severe operating conditions encountered in steam flood and geothermal production wells.

The Packer has single element system (AFLAS) protected by brass back-up rings serving as non-extrusion rings protecting the element from blowing off during high pressure injections.

This packer offers tension shear release as well as mechanical release, as standard operating features.

Magnus Set Thermal Packer is ideal for steam flooding (Huff'n'Puff), high temperature injection, or full geothermal production applications.

FEATURES:

- Temperature rating up to 400 Degree F.
- 1/4 turn right-hand to set, 1/4 turn right-hand release.
- Emergency straight pull shear release, shear rating 30,000 Lbs.
- Component Metallurgy L-80 4140, 13Cr. (Stainless Steel 420)



Magnus Set – MTP-770915
Thermal Packer

Casing & Packer Dimension Table

Casing O.D.	Casing Weight	Minimum Casing I.D.	Maximum Packer O.D.	Packer I.D.	Connection
7.0"	17.0 – 26.0	6.276"	6.000"	2.500"	2-7/8" EU
	17.0 – 26.0	6.276"	6.000"	3.000"	3-1/2" EU

Note*: All Premium & Drill Pipe connections are available on request.
Elastomers available: Thermo Plastic, Wire Braided Aflas, Viton

