

**MAXIMUS**

Completion Systems



**LINER HANGER SYSTEMS**

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**MAGNUS LINER TOP PACKER**

## LINER HANGER SYSTEMS TECHNICAL UNIT

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TECH UNIT No.	278
MODEL	MLTP
DATE	06/01/2018
REV.	00

## MAGNUS LINER TOP PACKER

Approved by: Jogendra Singh

### DESCRIPTION & APPLICATION:

The Model MLTP Magnus Liner Top Packers provide an excellent secondary seal that can be used to control annular gas migration or protect sensitive zones from well hydrostatics after cementing. These liner packers can be run independently as set on bottom liner packers, as the top pack off on a scab liner assembly or with most liner hangers to assist in sealing the liner to the casing. This packer is equipped with hold down slips, which makes it suitable to use in horizontal wells. The packer have integral setting collar to rotate the Liner Hanger during running in and cementing.

### OPERATION:

The Magnus liner top packers are set from the top after cementing by applying set down weight through the packer setting tool on the Magnus Tie Back Receptacle. Weight is applied by the work string to energize the slips and rubber element, which is then locked in place with the internal ratchet assembly.

### FEATURES AND ADVANTAGES :

- Rubber elements create a reliable seal that prevents gas migration in the Cement.
- Internal ratchet system provides any back off after setting.
- High torque one piece mandrel is equipped with BTC/LTC/Premium connections that meets or exceeds the torque of liner connection.
- Hold-down slips positively lock in the applied setting forces to ensure the packer setting.
- Integral setting collar provided with packer to rotate the hanger.
- Internal dia. equals to the corresponding liner weight.
- Available Sizes :- 3-1/2" TO 20".

