

DESCRIPTION**A-TP, A-086 – Liner Top Packer with Hold Down****A-TPW, A-005 – Liner Top Packer W/O Hold Down**

The A-TP, A-TPW are compression set Liner Top Packers. They are run above a liner hanger and either a Mechanical Running Tool or a Hydraulic Running tool can be used along with it. After cementing operations have been carried out, the running string is picked up, until the Packer setting tool (A-TPST) dogs come out of the Tie-Back Receptacle and are extended. Slacking off weight compresses and sets the Packers.

The Clutch profile machined on the Packer body permits transmission of high torque from the running string to the liner. This facilitates drill down and reaming.

In case of a Rotating Liner Hanger being deployed, rotation can be transmitted to the Liner string during cementing operations for better cement bonding and integrity.

The Body of the Liner top packer features an integral profile for receiving the Cementing Pack-Off Bushing (A-RPB), which acts as a seal between the cement being pumped and the work string, preventing contamination.

FEATURES

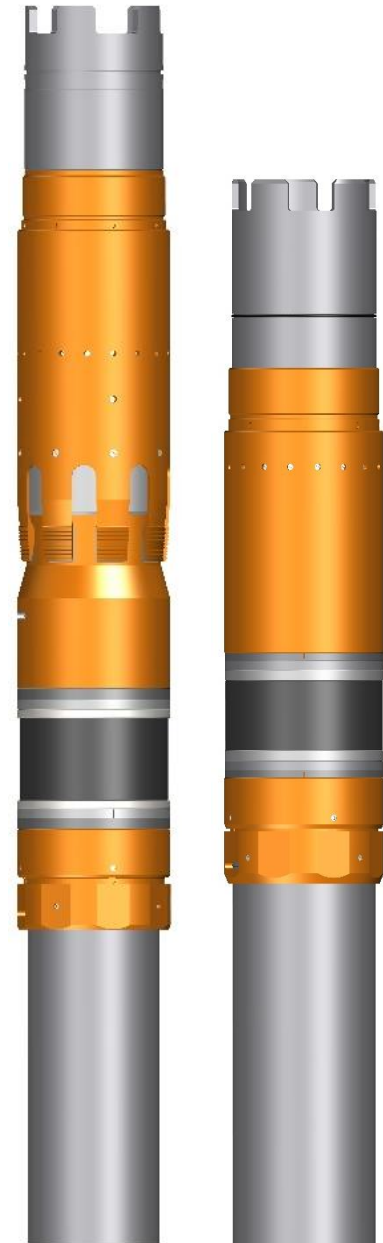
- Integral Clutch profile for torque transmission
- Inbuilt profile for receiving Pack-Off Bushing
- Can be used with both Mechanical and Hydraulic running tools
- Packing Element equipped with rings to prevent Swab-off

BENEFITS

- Drill Down / Reaming capabilities reduces operation time
- Faster run in hole speeds
- Large By-pass area
- Field adjustable, setting values

APPLICATIONS

- Vertical and Horizontal wells.
- Drill down / Reaming operations.
- Environments with High pressure and Temperature



DIMENSIONAL SPECIFICATIONS

Liner Packer Size (Liner X Casing)	Casing Weight	Max. O.D.
inch	lb/ft	inch
3.5 x 5.5	14-20	4.500
4.0 x 5.5	20-23	4.460
5.0 x 6.625	24	5.680
5.0 x 7.0	26-32	5.916
5 X 7.625	33.7-39	6.452
5 X 7.625	42.8-45.3	6.270
5.500 X 7.625	33.7-39	6.452
7.0 x 9.625	36-43.5	8.550
7.0 x 9.625	43.5-53.5	8.330
7.625 x 9.625	36-43.5	8.550
7.625 x 9.625	47-53.5	8.445
9.625 X 13.375	61-72	11.940
16.00 x 20.00	133	18.250

Additional sizes/weights may be available upon request