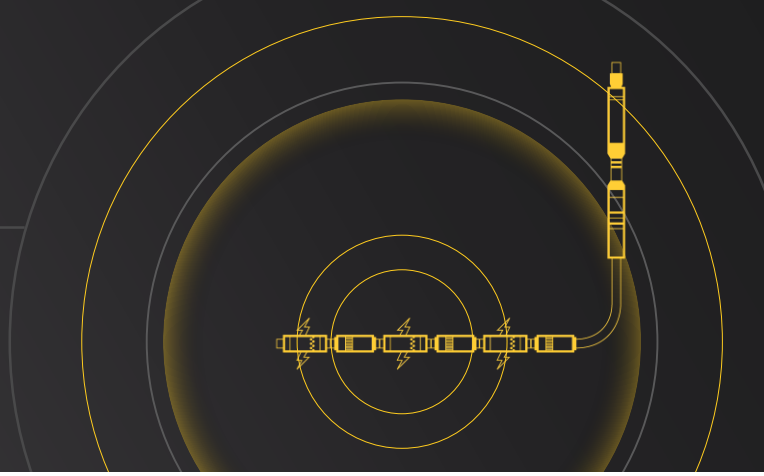


TECH DATA SHEET

Frontier Drop off Mandrel & Tie Back Receptacle



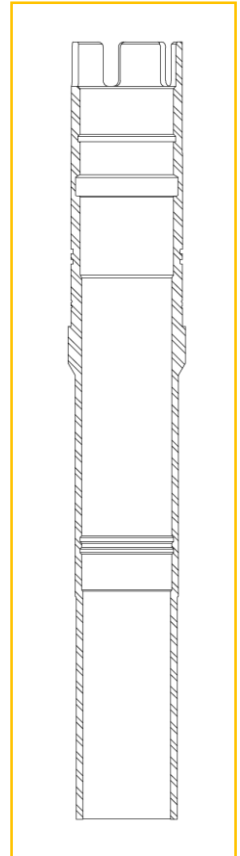
OVERVIEW

The Drop Off Mandrel is device that allows equipment to ran in hole and released and left down hole without the requirement of Liner Hanger Packer in Cemented & Non-Cemented Applications. The Drop Off Mandrel can be Rotated to bottom if required & accommodate Tie Back Receptacle of varying lengths to allow the connection of Upper Productions String when required.

The Drop Off Mandrel is Deployed on the Gen II Hydraulic Release Liner Hanger, Mechanical release option Running Tools are available if required.

FEATURES

- Multiple Sizes Available
- No Moving Parts
- No Internal Connection, Removing all Leak Paths
- Simple Robust and Reliable
- Rotatable with 20,000ft/lbs (Minimum) Torque Through Capability Depending Size
- Interchangeable Tie Back Receptacle Lengths
- Full Liner ID (No Restrictions)
- No Pressure Rating Limitations (Matching Liner)
- Tensile, Burst & Collapse Matching Liner
- Available in all Materials
- Soft Set with Hydraulic Running Tool



Drop Off Mandrel Specifications

Engineering Information for 4-1/2" x 7" Drop Off Sleeve	
Size	4-1/2" x 7"
Max OD	5.690"
Min ID	3.920"
Length	35"
Torque Value	20,000ft-lbs
Differential Pressure Rating	10,000 psi
Material	Q-125
Tensile Rating	374,800 lbs
Thread Size	4-1/2"
Thread Weight	15.1#
Thread Type	Vam Top HC Pin

