

RTH ROTATING RUNNING TOOL

APPLICATION

RTH Running Tool is designed for running the liner with rotation, setting hydraulic liner hanger and activate liner top packer. The main feature of the tool is the ability to rotate the liner during run in hole and after hanger is set.

FEATURES AND BENEFITS

- The Running tool is designed for run in hole the liner with rotation in vertical, directional and horizontal wells.
- RTH back-up mechanical release mechanism to ensure release from the liner.
- Liner top debris barrier is designed to prevent cuttings and other debris from entering the PBR protecting the running tool during RIH and cementing.
- The ability to rotate the drill string during slacking off the weight and run the packer assembly eliminates static friction between the drill string and the casing and provides the ability to transfer additional load to the liner top packer, which is especially useful while running liners in horizontal and ERD wells.
- RTH is stabbed in the Liner Top Packer. Packer activation is carried out by transferring weight through the PBR after releasing the running tool when the packer activator dogs are forced outward above the PBR.
- The setting tool assembly consists of RTH Running Tool, packoff bushing, liner wiper plug adapter.

RUNNING TOOL COMPONENTS

- Liner Top Debris barrier.
- Packer activator.
- Running tool with hydraulic release.

Compatible equipment should be confirmed by the manufacturer.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE		
Max OD, in	4.803	5.984	8.386
Tool body OD, in	4.252	5.252	7.500
Min ID, in	2.008	2.087	3.681
Min lift sub ID, in	2.008	2.087	3.740
Lift sub OD, in	2.875	3.500	5.000
Lift sub coupling OD, in	4.250	5.000	6.625
Length, ft	17.9	18.2	16.3
Tensile, kip	202	202	495
Compression, lbf	101	100	247
Torque, ft-lbs	7,376	11,000	30,978
Lift sub length (after stab-in), ft	4		
Max working temperature, °F	302		
Burst, psi	5,000		
Material*	P-110		

* Other options are available as per Customer request.



RTH