

HMR LINER HANGER SYSTEM WITH MECHANICAL RELEASE



HMR

APPLICATION

HMR Liner Hanger System is specially designed for non-cemented liner applications. HMR is used to suspend the liner in a previous casing using a liner hanger. Work string is used to run in hole the liner to the desired setting depth without rotation. Running tool with mechanical release is then retrieved from the well once the liner is in place.

FEATURES AND BENEFITS

- Hydraulic activation eliminates the need of drillstring manipulation.
- Hydraulic Liner Hanger System with mechanical release running tool without rotation during RIH makes HMR the low-cost option in TSS product line, that makes it ideal for conventional wells providing an economic benefit to the customer.
- Full-bore ID after running tool retrieve imposes no restrictions to liner access for future intervention and remedial operations.
- HMR Liner Hanger System withstands high tensile loads.
- HMR Liner Hanger System withstands high differential pressures.
- Ball seat is located in the running tool.

LHS COMPONENTS

- **Polished Bore Receptacle** provides a mean of tying back into the liner with seal assembly for multistage hydraulic fracturing or with second isolation packer.
- **Liner Top Packer** provides high integrity annulus sealing.
- **Hydraulic Hanger** provides a specified holding force.
- **Rental equipment:** Debris barrier, running tool with mechanical release, pack-off bushing and ball seat.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE				
	4.000		4.500		
Liner size, in	4.000		4.500		
Casing OD, in	5.500	5.750	6.625	6.625	7.000
Length, ft	12.2			11.9	
Max OD, in	4.606	4.764	5.551	5.984	
Min ID after activation, in	3.465			3.898	
Material*	P-110				
Tensile, kip	180				
Max differential pressure, psi	10,000				
Burst, psi	10,000				
Collapse, psi	10,000				
Max working temperature, °F	248				
Design Validation Grade / Quality Grade	V3 / Q2				

* Other options are available as per Customer request.