



Mechanical-Rotate Disconnect

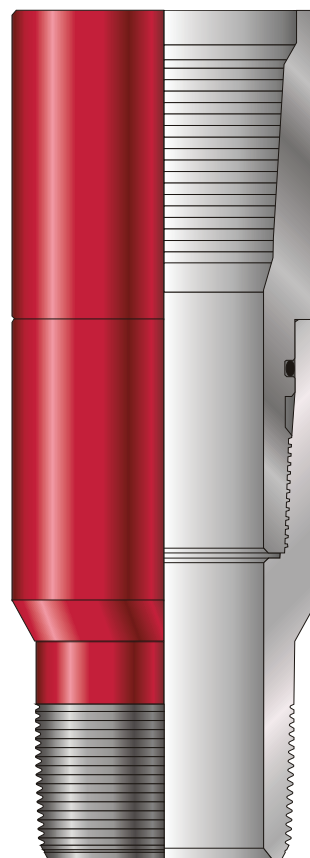
Weatherford's mechanical-rotate disconnect is designed primarily for use above the plug-and-abandon inflatable ACP™ annulus casing packer. The tool is installed in the work string, above any tool that must be disconnected by rotation of the work string, and is normally used as a backup to the hydraulic disconnect in the event pressure integrity is lost or pressure cannot be applied. The disconnect consists of two parts, a top and a bottom sub, which can be configured for left- or right-hand rotation.

Applications

This mechanical-rotate disconnect is used above a plug-and-abandon ACP packer, or any tool that must be disconnected by rotation of the work string.

Features, Advantages and Benefits

- Simple mechanical design does not require hydraulic pressure to disconnect from the work string, providing easy operation.
- O-ring seal provides pressure integrity before rotation, preventing a potential leak path.
- Full tubing ID enables intervention through the work string, eliminating restrictions.



Specifications

Tubing Size (in./mm)	Tool				Connections (in.)	
	OD (in./mm)	ID (in./mm)	Length (ft/mm)	Internal Threads		
					Box	Pin
2-3/8 60.33	3.06 77.72	2.00 50.80	10.19 258.83	Stub acme	2-3/8 (8rd EUE)	
2-7/8 73.03	3.68 93.47	2.38 60.33			2-7/8 (8rd EUE)	