

PACKER ACCESSORIES

BARRACUDA OIL TOOLS, LLC

MECHANICAL DISCONNECT (ON/OFF)

The Mechanical Disconnect Assembly allows the tubing string to be disconnected from permanent or retrievable tools, which must be left in the well.

The Mechanical Disconnect Assembly consists of two primary components. The lower portion of the tool is a lug nipple, threaded onto the bottomhole assembly (BHA). This nipple is disconnected from the running tool and remains downhole attached to the BHA. The upper portion of the running tool is the overshot. This overshot remains latched to the lug nipple until rotation & pull is applied to the tubing string to disconnect the tubing string from the BHA.

The overshot features internal dynamic seals which allow it to seal back onto the lug nipple for retrievable applications, and an external thread which allows larger OD guide rings to be attached to the nose of the overshot.

Tool OD	Tool ID	Thread
4.25	2.25	2-7/8 8RD
5.38	2.75	3-1/2 8RD
6.25	3.00	3-1/2 IF

