

PUSH - PULL ANCHORING TOOL

The Pull Tool is a pressure activated device designed to provide a controlled “Pull” or “Push” stroke once the anchoring feature is activated. It has a particular application for retrieving flow control equipment such as safety valves, plugs, sliding sleeves, etc. where conventional methods are either impractical or unsuccessful. The tool is designed to function using a series of hydraulic pistons, which initially actuates the anchoring system, increasing the pressure generates a force to move the inoperable equipment. The tool has a specially designed safety feature, to facilitate the bleed off of stored pressure downhole.

- FEATURES
- Pressure activated-no ball drop
 - One trip to anchor, stroke and release
 - 6" stroke
 - 100,000 lbs push
 - 60,000 lbs pull

Available in 2.7 and 3.5 OD.



QUICK CONNECTOR

Quick Connector - Combination Anti- Rotational Self-Aligning Connector (CARSAC) - was developed to allow easy make up of BHAs and to withstand forces encountered during milling or jarring operations. The CARSAC is designed to help with BHA make up where it is difficult to rotate the tools to engage threads it is particularly suited for longer BHAs.

SPECIFICATIONS

Min. OD	1.687"	1.750"	2.125"	2.250"	2.375"	2.875"	3.125"	4.500"
Min. ID	0.500"	0.500"	0.875"	1.000"	1.000"	1.250"	1.250"	1.500"
Tensile Strength	52,000	70,000	76,000	85,000	100,000	131,000	146,000	235,000
Max Torque (ft-lbs)*	1000	1000	2500	3000	3000	4500	6000	8500
Make-up Length	14.0"	14.0"	13.8"	14.0"	14.0"	20.5"	20.7"	28.7"

*Standard Service

