

DTI Lock Mandrels



DESIGNED TO SUIT ANY NO-GO PROFILE

CHECK SET

POSITIVE LOCKING

Description

The DTI Lock Mandrel is a flow control device primarily used for well testing that designed to be landed and locked into a matching no-go landing nipple.

Equalizing Sub-Assemblies and a variety of other sub-surface flow control devices can be attached to the threaded bottom sub of the lock.

The lock incorporated positive locking dogs, a no-go shoulder for top no-go nipples and a packing stack.

A DTI AF Running Tool can be used to run the lock and it can be pulled using a generic pulling tool.

Deployment and Operation

- The Lock can be designed to run and set into most no-go nipple profiles.
- It is run on slickline using a DTI AF Running Tool. The core of the running tool is pinned to the lock.
- Run in hole on the AF Running Tool and land on the no-go profile of the nipple. Jar down to set the lock.
- Take an over pull to check the lock is set and then jar up to shear up and POOH.

Features & Benefits

- Bespoke design for any no-go landing nipple.
- Running tool incorporates a check set to confirm a good set.
- Pulled using generic pulling tools.
- Threaded bottom sub for additional flow control devices.
- Positive locking keys.

Part Number	Seal Bore	Body Max OD	Pressure Rating	Running Tool	Pulling Tool
181HRACL	1.812"	1.800"	5,000 psi	200AFRT	200DTIGS
225BRACL	2.250"	2.240"	5,000 psi	250AFRT	250DTIGS
231AFACL	2.313"	2.380"	5,000 psi	250AFRT	250DTIGS
275AFACL	2.750"	2.740"	5,000 psi	300AFRT	300DTIGS
275BFACL	2.750"	2.800"	5,000 psi	300AFRT	300DTIGS
375BFAAL-1	3.750"	3.800"	5,000 psi	400AFRT	400DTIGS

We offer optional equipment, alternative sizes, materials and fish necks.

Please contact us for more information.

