

DTI Prong Type Equalizing Valve



CONVERTS LOCK INTO A PLUG

DEBRIS TOLERANT

TWO RUNS TO SET AND TWO RUNS TO PULL



Description

The DTI Prong Type Equalizing Valve is a flow control device which is combined with a lock to create a plug. The valve consists of a housing that is made up to the bottom of the lock and a prong that has a running/pulling fish neck on one end and a seal packing stack at the other. The Prong can be run into the lock after the lock has been set in the tubing and seal off the equalizing ports in the housing. These equalizing ports can be re-opened by pulling the prong prior to pulling the lock.

The housing can be designed to suit any lock and for bottom no-go locks it can incorporate the no-go shoulder. It can also be extended in length to provide a sump for excess debris.

The prong type equalizing valve combined with a lock is a two run to pull and two run to set system.

Operating Principle

The housing is first made up to the bottom of a lock.

The lock is run in hole and set into the nipple profile.

The prong is then run in and landed off inside the lock and housing and will close the equalizing ports in the housing creating a plug.

To equalize prior to pulling the lock the prong is first pulled to open the equalizing ports in the housing.

The lock can then be pulled.

Features & Benefits

- Threaded housing to make up to lock.
- Two run to set and two run to pull system.
- No-go shoulder incorporated in bottom no-go locks.
- Prong length can be varied to suit application.
- Housing length can be varied to suit application.
- External fish necks can be replaced with internal junk catcher fish necks.
- Debris tolerant design.

Part Number	Housing OD	Housing Thread	Pressure Rating	Fish Neck	Prong Length
150RPACP	1.480"	1.125-16UN	10,000 psi	1.187"	24.0"
188XPACP	1.865"	1.375-14 UN	6,500 psi	1.375"	38.5"
218RPACP	2.180"	1.650-12 UN	10,000 psi	1.375"	38.5"
225DPACP	2.245"	1.750-12 SLB	5,000 psi	1.375"	38.5"
231RPACP	2.295"	1.750-12 UN	8,000 psi	1.375"	46.2"
231XPACP	2.295"	1.750-12 UN	8,000 psi	1.375"	46.2"
256RPACP	2.553"	2.000-12 SLB	10,000 psi	1.375"	48.0"
275XPACP	2.740"	2.250-12 SLB	10,000 psi	1.750"	48.0"
312RPACP	3.115"	2.625-12 SLB	10,000 psi	1.750"	48.0"
369RPACP	3.682"	3.062-12 SLB	10,000 psi	2.313"	60.0"
456XPACP	4.550"	4.000-12 SLB	6,500 psi	2.313"	60.0"
563RPACP	5.610"	4.500-8 SLB	7,500 psi	3.125"	60.0"

We offer optional equipment, alternative sizes, materials, thread connections and prong lengths.

Please contact us for more information.