



JAF Hydraulic Disconnect - TT0700



Description

The JAF Hydraulic Disconnect tool is essential in releasing the coil tubing from the tool string, if the string has become stuck while in the wellbore. The JAF Hydraulic Disconnect is designed to achieve this requirement, but is also designed to give the ultimate resistance in tensional and torsional stresses that occur while jarring or milling.

Operation

If it becomes necessary to disconnect, a ball is pumped to the disconnect, then an increase in pump pressure allows the locking piston to shift, shearing the brass shear screws and allowing the load piston to move out from under the dogs. After a drop in the pump pressure, retrieval from the stuck string is possible. The bottom sub is the only part of the disconnect that is left in the hole and it has an internal "B & W" fishing neck for future fishing procedures.

Patent # 5526888

Part Number	OD		ID		Length		Maximum Tensile Load		Maximum Torsional Yield	
	in.	mm	in.	mm	in.	cm	lbf	daN	ft-lbf	N-m
TT0700-168B	1.688	42.9	0.469	11.9	17.800	45.2	44,500	19,794	616	835