

Hydraulic Disconnect

The Hydraulic Disconnect was designed to separate itself from the remainder of the tool string when jarring and pulling was insufficient to release immobilized tools.

This tool enables the operator to drop a ball and pressure up to disengage the tool from the remaining tools of a stuck tool string. The tool can handle high torque loads, heavy jarring and straight pulling without affecting the release mechanism. Circulating a drop ball to the disconnect and applying pressure shears predetermined brass screws. This removes the upper section of the disconnect from the lower portion leaving a standard fishing neck for retrieval of the stuck BHA.



Features:

- >Robust design
- >Standard GS profile
- >Balanced piston design for perforating jobs
 - > Can be used for milling, drilling, fishing and heavy duty service applications
- >High tensile loads
- >Short bottom hole assembly applications
 - > Can be used with industry extended reach tools

Product Specifications:

Tool OD (in)	1.5	1.688	2.125	2.875	3.125
Connections	1" AMMT	1" AMMT	1 1/2" AMMT	2 3/8" PAC	2 3/8" REG
Tensile Strength (lbs)	31,000	40,000	53,500	150,000	175,000
Torsional Strength (ft/lbs)	700	850	2400	4000	4500
ID (in)	.500	.500	.700	.780	1.031
Length (in)	15.615	15.365	17.370	17.450	32.000
Working Pressure (psi)	7,000	10,000	10,000	10,000	12,000

ENVISION DOWNHOLE, LLC

801 S. Pagewood Ave. Suite 7 Odessa, TX 79761

T: 432-217-8644 | envisiondownhole.com

