

HYDRAULIC DISCONNECT

The **LiMAR**[®] Hydraulic Disconnect is designed to provide a hydraulic release mechanism within a Coiled Tubing bottom hole assembly (BHA), whilst maintaining a high torque-thru facility for use in conjunction with down hole motors.

The **LiMAR**[®] Hydraulic Disconnect is activated by dropping a ball via the coiled tubing to seat inside the Disconnect Sub.

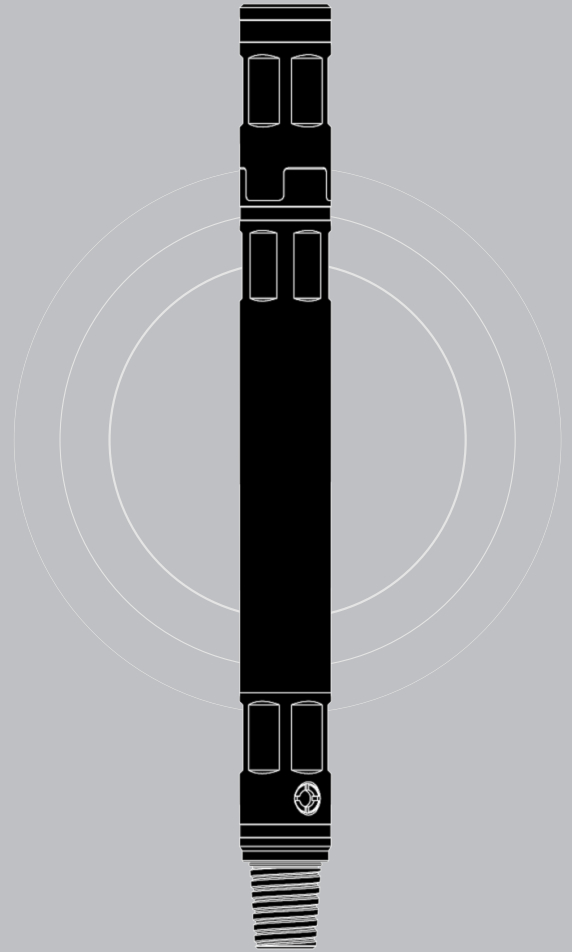
The coil is then pressured up to shear release screws within the Disconnect Sub. The pressure at which the tool is activated / released is determined by the number of shear screws installed leaving a standard GS internal type fish neck profile for future retrieval of the lower BHA section.

TOOL APPLICATIONS:

- For use as a contingent release mechanism in a Coiled Tubing BHA

DESIGN FEATURES & BENEFITS:

- High torque rating
- Large thru bore
- Drop ball operated
- Short make-up length
- Standard Benoil rupture disc port
- Disconnect Sub fitted with standard GS type internal fish neck profile
- Available in a range of sizes to suit industry standard Coiled Tubing diameters and BHA's
- Simple, robust design ensuring ease of operation for the end user
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out
- Connection options to suit customer requirements
- Corrosion resistant materials



TECHNICAL DATA

Assembly Part No.	Actual OD	Maximum ID	Disconnect GS Profile	Make up Length
111-1500-XXX-RX	1.500"	0.328"	1-1/2"	16.72"
111-1562-XXX-RX	1.562"	0.328"	1-1/2"	16.73"
111-1687-XXX-RX	1.687"	0.515"	1-1/2"	17.00"
111-1750-XXX-RX	1.750"	0.515"	1-1/2"	17.06"
111-2000-XXX-RX	2.000"	0.577"	2"	17.37"
111-2125-XXX-RX	2.125"	0.640"	2"	17.63"
111-2250-XXX-RX	2.250"	0.640"	2"	17.63"
111-2375-XXX-RX	2.375"	0.640"	2"	18.00"
111-2875-XXX-RX	2.875"	1.020"	3"	20.97"

XXX - Last 3 digits of part number denotes connection type - Please refer to the connection code data sheet. For additional sizes or further information please contact sales@limaroiltools.com