LiMAR
Well Intervention Products

DUAL CIRCULATING SUB

The LiMAR® Dual Circulating Sub is designed to provide a contingent circulating facility within a Coiled Tubing BHA when conventional circulation is inadvertently lost.

In the event that circulation is lost, a rupture disc within the Dual Circulating Sub is activated by applying pressure, thus regaining circulation.

With the disc ruptured, a drop ball can be pumped down to the BHA for activating a hydraulic disconnect sub, or the secondary circulating piston within the LiMAR® Dual Circulating Sub. The pressure at which the drop ball activates the circulating piston is determined by the number of shear screws used.

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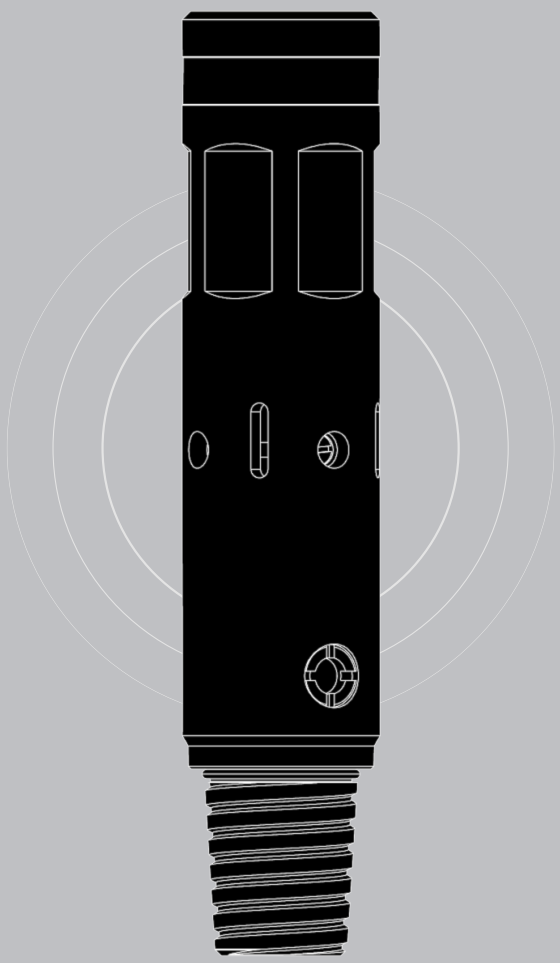
TOOL APPLICATIONS:

- To provide a contingent circulating facility within a Coil Tubing BHA

DESIGN FEATURES & BENEFITS:

- Selective shear pressure ratings
- Standard Benoil rupture disc port
- Large thru bore
- Connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the end user
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out
- Corrosion resistant materials



TECHNICAL DATA

Assembly Part No.	Actual OD	Maximum ID	Make up Length
112-1500-XXX-RX	1.500"	0.250"	7.35"
112-1687-XXX-RX	1.687"	0.437"	8.00"
112-1750-XXX-RX	1.750"	0.437"	8.00"
112-2125-XXX-RX	2.125"	0.562"	8.13"
112-2375-XXX-RX	2.375"	0.562"	8.23"
112-2875-XXX-RX	2.875"	0.937"	8.50"
112-3125-XXX-RX	3.125"	1.187"	11.06"

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