LiMAR
Well Intervention Products

ROLLER STEM SECTION

The LiMAR® Roller Stem Section provides the necessary mass and reduced friction required for a wireline toolstring to overcome deviation and the upward-acting effects of well pressure.

The roller wheels rotate freely on hardened axles to reduce friction which is commonly known as 'drag'. Particularly in highly deviated wells, drag occurs between the full contact area of the toolstring and the tubing wall.

Strategically placed along the length of the wireline toolstring, the mass and drag reducing properties of the LiMAR® Roller Stem also serves to enhance bi-directional impact forces during jarring operations.

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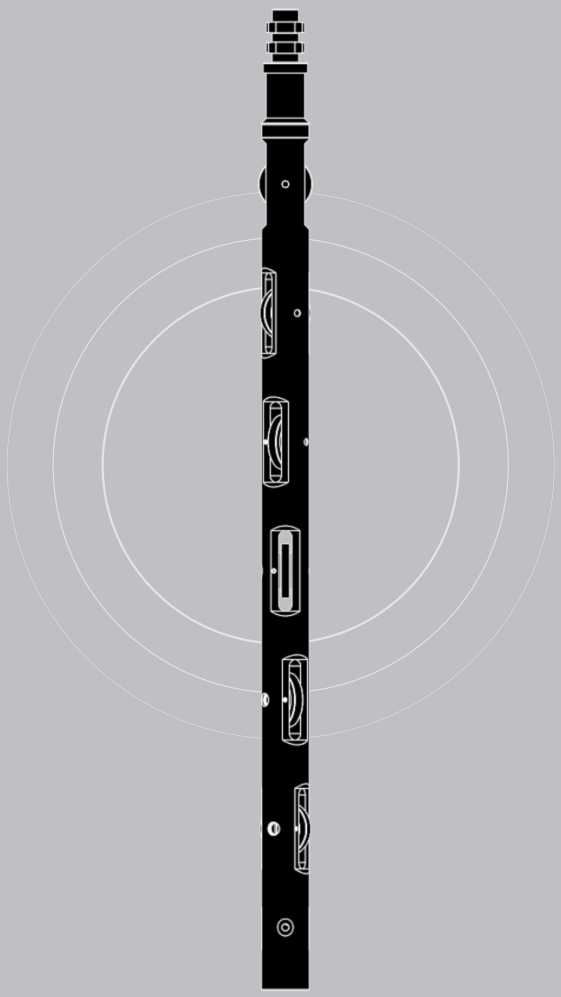
TOOL APPLICATIONS:

- To reduce toolstring friction and provide the necessary mass required for a wireline toolstring to reach and function at depth

DESIGN FEATURES & BENEFITS:

- Hardened axles and wheels with replaceable bushings
- Available in a range of sizes to suit all completion designs
- Available in industry standard toolstring sizes
- Connection options to suit customer requirements
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out



TECHNICAL DATA

Assembly Part No.	Body OD	Effective Roller OD	Fish Neck	Connection	Length Options
1010-1250-XXXX-XX-XXX-RX	1.250"	1.560" - 2.125"	1.187"	Optional	2' / 3' / 5'
1010-1500-XXXX-XX-XXX-RX	1.500"	1.750" - 2.125"	1.375"	Optional	2' / 3' / 5'
1010-1750-XXXX-XX-XXX-RX	1.750"	1.800" - 2.750"	1.375"	Optional	2' / 3' / 5'
1010-1875-XXXX-XX-XXX-RX	1.875"	2.000" - 2.750"	1.750"	Optional	2' / 3' / 5'
1010-2125-XXXX-XX-XXX-RX	2.125"	2.250" - 2.750"	1.750"	Optional	2' / 3' / 5'
1010-2500-XXXX-XX-XXX-RX	2.500"	2.625" - 3.250"	2.313"	Optional	2' / 3' / 5'

XXXX - Denotes Roller OD
XX - Denotes length
XXX - Denotes connection type
For additional sizes or further information please contact sales@limaroiltools.com