

TUNGSTEN STEM SECTION

The **LIMAR**[®] Tungsten Stem Section is devised to provide the necessary mass required for a wireline toolstring to overcome static or flowing well pressure to enable conveyance in the well.

The Tungsten Stem Section is comprised of a hollow cylinder which is filled with high density tungsten alloy inserts. The inserts are securely retained within the cylinder by the top & bottom subs.

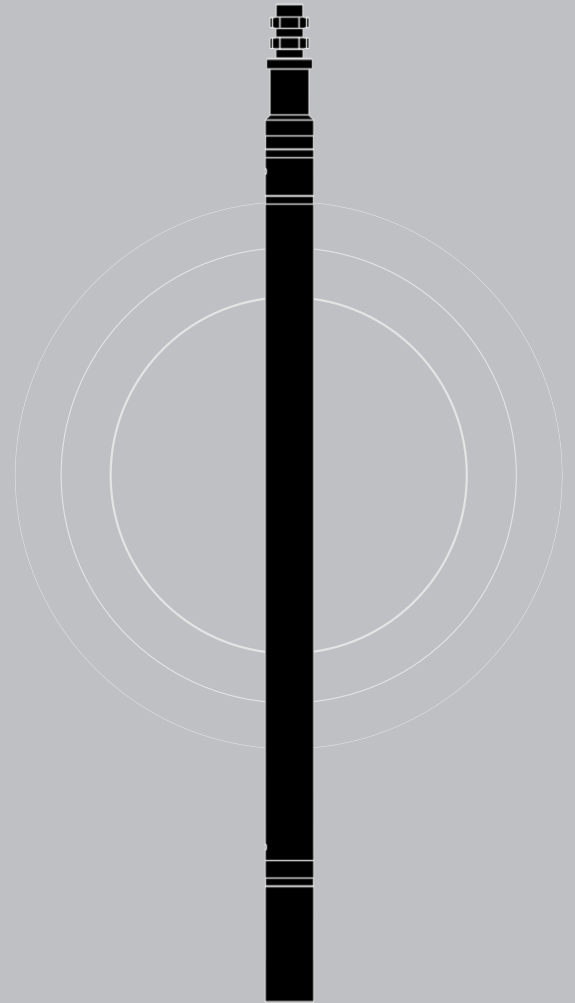
Tungsten provides additional mass per equivalent volume compared to standard stem made from conventional steel.

TOOL APPLICATIONS:

- Commonly used in applications where additional mass is required without having to increase the overall length of the toolstring
- Ideal for use in flowing surveys where additional mass is required to overcome the generated upward force of a flowing well

DESIGN FEATURES & BENEFITS:

- Positive insert securing feature to prevent internal movement
- 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.	Actual OD	Fish Neck	Connection	Length Options	Weight (lbs)
1110-1250-XX-XXX-RX	1.250"	1.187"	Optional	2' / 3' / 5'	10 / 16 / 29
1110-1500-XX-XXX-RX	1.500"	1.375"	Optional	2' / 3' / 5'	16 / 25 / 45
1110-1750-XX-XXX-RX	1.750"	1.375"	Optional	2' / 3' / 5'	23 / 39 / 69
1110-1875-XX-XXX-RX	1.875"	1.750"	Optional	2' / 3' / 5'	24 / 41 / 74
1110-2125-XX-XXX-RX	2.125"	1.750"	Optional	2' / 3' / 5'	31 / 53 / 97
1110-2500-XX-XXX-RX	2.500"	2.313"	Optional	2' / 3' / 5'	48 / 80 / 144

XX - Denotes length

XXX - Last 3 digits of part number denotes connection type

For additional sizes or further information please contact sales@limaroiltools.com