

ACCELERATOR

The **LiMAR**[®] Accelerator Sub is designed to enhance upward jarring impact when used in conjunction with the compatible **LiMAR**[®] Adjustable Spring or Hydraulic Jar.

The Accelerator Sub incorporates a sliding inner mandrel and belleville spring stack which is housed within a ported housing.

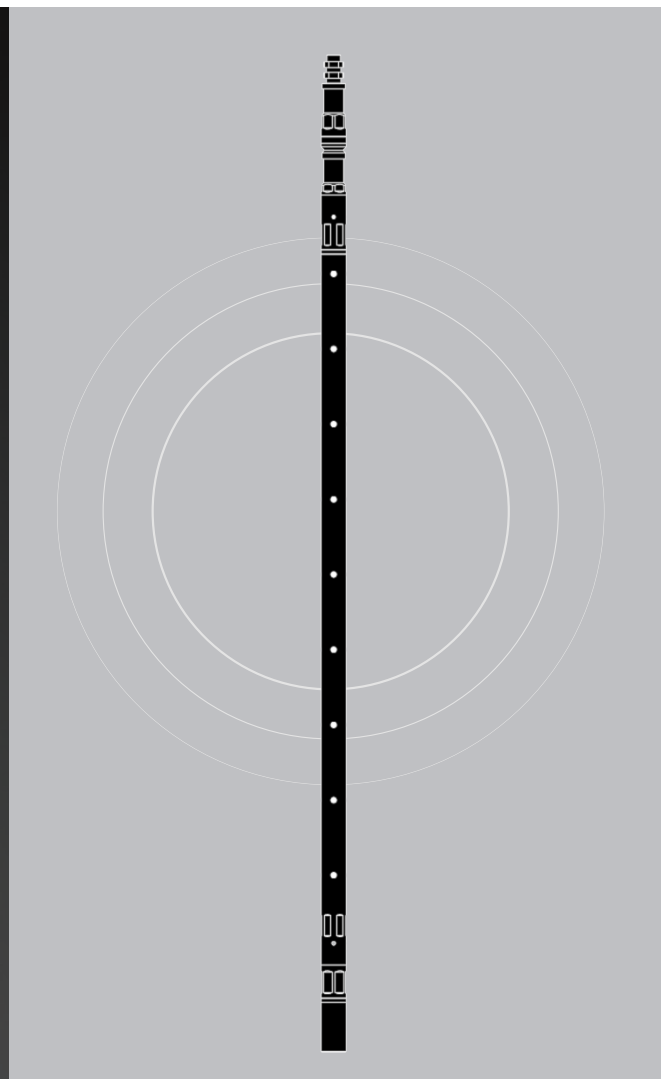
The **LiMAR**[®] Accelerator is configured above the Spring / Hydraulic Jar and Stem within a wireline toolstring. An upward pull compresses the spring stack and the energy stored is released as the Spring or Hydraulic Jar reaches the tripping point. At this point the toolstring accelerates rapidly until the top of the jar stroke is reached, creating significant upward impact. To optimise jar impact, the **LiMAR** Accelerator can be deployed with Low, Standard or High Belleville spring stack configurations.

TOOL APPLICATIONS:

- To enhance upward impact during jarring operations. Particularly suitable at shallow depths to simulate wire stretch

DESIGN FEATURES & BENEFITS:

- Stroke length optimised to suit equivalent Hydraulic & Spring Jar size and setting range
- Low, Standard & High configurations available to optimise use with specific wire / cable OD
- Available in industry standard toolstring sizes
- 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



Assembly Part No.	Actual OD	Load	Connection	Stroke	Adjustment Range (lbs)	Make up Length - Closed
7024-1500-XXX-SL-RX	1.500"	Standard	Optional	14" - 15"	330 - 750	61.57"
7024-1500-XXX-HL-RX	1.500"	High	Optional	11" - 14"	750 - 1100	61.57"
7024-1750-XXX-SL-RX	1.750"	Standard	Optional	15.6" - 22.7"	550 - 1000	68.59"
7024-1750-XXX-HL-RX	1.750"	High	Optional	15.6" - 17"	1000 - 3000	68.59"
7024-1875-XXX-SL-RX	1.875"	Standard	Optional	15.6" - 22.7"	600 - 1500	71"
7024-1875-XXX-HL-RX	1.875"	High	Optional	15.6" - 22.7"	1500 - 3000	71"
7024-2125-XXX-LL-RX	2.125"	Low	Optional	14" - 28"	600 - 1000	85.71"
7024-2125-XXX-SL-RX	2.125"	Standard	Optional	13" - 18"	1700 - 2250	85.71"
7024-2125-XXX-HL-RX	2.125"	High	Optional	13" - 16.5"	2250 - 4000	85.71"
7024-2500-XXX-SL-RX	2.500"	Standard	Optional	15.6" - 22.7"	500 - 3500	83.79"
7024-2500-XXX-HL-RX	2.500"	High	Optional	15.6" - 17.4"	3000 - 7000	83.79"
7024-2875-XXX-LL-RX	2.875"	Low	Optional	8" - 25.5"	1700 - 2250	85.71"
7024-2875-XXX-SL-RX	2.875"	Standard	Optional	8" - 19.5"	2700 - 3500	85.71"
7024-2875-XXX-HL-RX	2.875"	High	Optional	8" - 14.5"	6000 min	85.71"
* 7024-2875-XXX-LL-RX	2.875"	Low	Optional	8" - 25.5"	1100 - 2250	85.71" (per Accelerator)
* 7024-2875-XXX-SL-RX	2.875"	Standard	Optional	8" - 19.5"	1700 - 3500	85.71" (per Accelerator)
* 7024-2875-XXX-HL-RX	2.875"	High	Optional	8" - 14.5"	3000 - 6000	85.71" (per Accelerator)

* Based on 2 x Accelerators