

Product Overview

The **Heavy Duty Accelerator** is a high-performance wireline tool designed to increase the upward impact force generated by **hydraulic jars** or **mechanical spring jars** during downhole intervention operations. Unlike conventional accelerators that use helical springs, the Heavy Duty Accelerator incorporates **disc spring**, enabling significantly higher energy storage and greater impact force. The tool is installed directly below the Rope Socket to maximize jarring efficiency and improve the recovery of stuck downhole equipment.

Key Features

- Heavy-duty disc spring design
- Higher impact force than conventional accelerators
- Precision-machined alloy steel construction
- Installed directly below the Rope Socket
- Compatible with hydraulic and mechanical spring jars

Benefits

- Significantly increases upward jarring force
- Improves recovery of stuck tools
- Stores greater mechanical energy

Technical Data

Size (in)	Max. O.D. (in)	F/N O.D. (in)	Connection (Pin × Box)
1-1/2	1.500	1.375	15/16-10 UN
1-7/8	1.875	1.750	1-1/16-10 UN
2-1/8	2.125	1.750	1-1/16-10 UN
2-1/2	2.500	2.312	1-9/16-10 UN
3	3.000	2.312	1-9/16-10 UN

