

Product Overview

The **Mechanical Spring Jar** is a precision-engineered wireline intervention tool designed to generate controlled upward jarring forces for freeing stuck downhole tools. Unlike conventional mechanical jars that rely primarily on stem momentum, the Mechanical Spring Jar stores energy within a heavy-duty compression spring. Once the preset load is reached, the stored energy is released instantaneously, producing a sharp impact to assist in dislodging stuck tools. This design provides reliable and repeatable jarring performance in a wide range of well conditions.

Key Features

- Heavy-duty spring-loaded impact mechanism
- Controlled and repeatable jarring action
- Compact and robust design
- Standard fishing neck dimensions
- Compatible with conventional wireline and slickline tool strings
- Precision threaded pin and box connections

Benefits

- Generates consistent upward jarring forces
- Assists in retrieving stuck downhole tools
- Improves operational reliability
- Reduces tool retrieval time

Technical Data

Size (in)	Max. O.D. (in)	F/N O.D. (in)	Connection (Pin × Box)	Stroke (in)
1-1/2	1.500	1.375	15/16-10 UN	12
1-7/8	1.875	1.750	1-1/16-10 UN	12
2-1/2	2.500	2.312	1-9/16-10 UN	12

