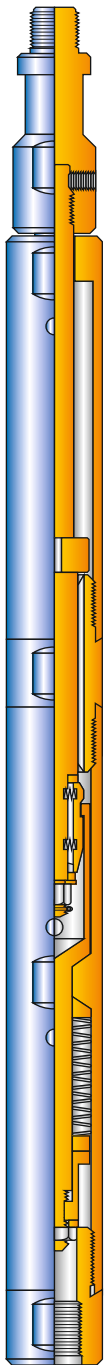


MECHANICAL SPRING JARS

The PARVEEN Mechanical Spring Jar is designed to deliver a very high upward impact load during wireline operations. It is especially useful when working in high pressure gas wells where hydraulic jars are susceptible to seal failure. The spring jar can be adjusted for a predetermined release force, therefore offering the operator a desired force at the tool. The load setting is done with a calibrated box spanner supplied with the spring jar.

A hydraulic load calibration sub is available as an optional extra to allow the operator to set and test the load rating of this spring jar.



SPRING JAR

SPRING JARS					
Size (in)	Max. O.D. (in)	F/N. O.D. (in)	Connection Pin X Box	Stroke (in)	Part No.
1-1/2	1.500	1.375	15/16-10 UN	12	56151221
1-7/8	1.875	1.750	1-1/16-10 UN	12	56181232
2-1/2	2.500	2.312	1-9/16-10 UN	12	56251246

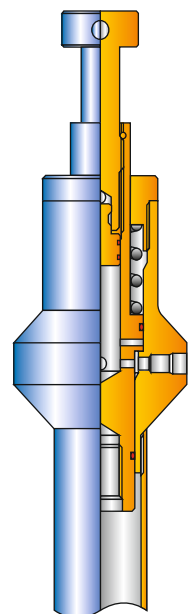
- Other Sizes Available On Request

CALIBRATOR SUBS

The PARVEEN hydraulic load calibration sub is used to test the spring jar's load setting at surface.

The calibration sub is screwed on to the top sub of the spring jar, with the spring jar in the closed position. When the hydraulic equivalent of the pre-determined force setting of the spring jar has been reached the jar will release.

CALIBRATION SUBS	
Size (in)	Part Number
1-1/2	313-150-00
1-7/8, 2-1/8	313-187-00
2-1/2	313-250-00



CALIBRATOR SUB