

Flow Activated Expanding Bow Spring Centraliser

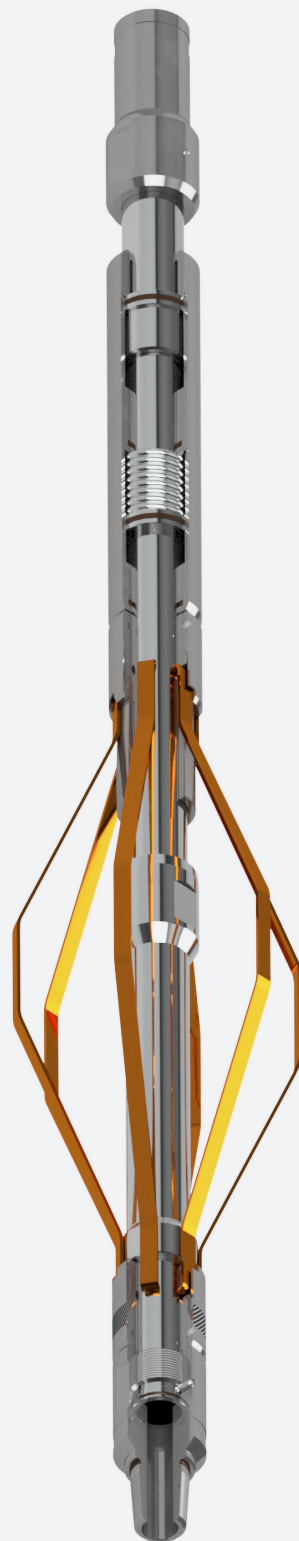


- Bow springs only activated when required
- High expansion ratio
- Centralise toolstring in the well

DESCRIPTION

The Pragma Coiled Tubing Flow Activated Expanding Bow Spring Centraliser is a hydraulic tool with normally retracted bow springs. When the fluid flow/pressure at the tool is increased, the Bow Springs will expand and centralize the tool string.

The Expanding Bow Spring Centraliser provides an efficient method of centralization and greatly reduces the wear and tear on the springs, and the springs only need to be activated when required. In addition, the Bow Springs are replaceable and easily changed out without the need to completely disassemble the tool.



FEATURES & BENEFITS

- Bow springs only need to be activated when required.
- Reduces wear and tear on the centraliser blades.
- Hydraulic force positively centraliser the BHA.
- Run in and out of the well without dragging the centralisers.
- Centraliser easily replaceable.

Part Number	OD	ID	ID Will Pass	OD of Springs Expanded	Thread
CEBS169AC08	1.688"	0.375"	1.750"	6.50"	1.00 AMMT
CEBS212AC09	2.125"	0.750"	2.250"	7.00"	1.50 AMMT
CEBS262AC09	2.125"	1.000"	2.688"	8.26"	1.50 AMMT

We offer optional equipment, alternative sizes, pressure ratings, materials and thread connections.

