

# Bowspring Centralizer



---

## Description

---

The Bowspring Centralizer is a mechanical device used to centralize the tool string while it is ran in and out of a cased or tubed well. Keeping the tool string centralized helps to prevent it from getting stuck downhole. The centralizer's four springs connect to retaining arms that apply even force against the inner wall of the wellbore to stabilize the tool string. It can be positioned anywhere on the tool string except below the Pressure Temperature Flow (PTF) tool. Often, two Bowspring Centralizers are used in a string, one at the top and one near the bottom, to further increase the strings stability.

---

## Main Features

---

- Centers tool string as it moves in and out of well
- Arms expand and contract to fit casing or tubing
- Single pin version also available
- Pass-through wire

---

## Specifications

---

Specification	Value
OD (collapsed)	1.375 in. (3.5 cm)
OD (expanded)	7 in. (17.8 cm)
Length	32.3 in. (82 cm)
Weight	11 lb (5 kg)
Temperature Rating	350°F (177°C)
Pressure Rating	15,000 psi (103.5 MPa)

---

## Spare Parts

---

- Seal Kit: AM011RK0006
- Bow Spring: PM011SA0037 (x4)
- Dowel Pin 1/8"x5/8": PM940SD0005 (x8)
- Undercut Phillips Screw 8-32x0.3125": PFU8-32SB031 (x16)
- Socket Cap Screw 4-40x0.1875": SCC4-40SB0188 (x8)
- Set Screw #10-32x0.25: 101127 (x4)

---

## Accessories

---

- Spring Wear Gauge: PM005SA0062

### Part Number:

Single Pin Standard Service: AM011WA0004

Single Pin H2S Service: AM011WB0004

Multi Pin Standard Service: AM011WA0006

Multi Pin H2S Service: AM011WB0006

