

Bowstring Centralizer

Application

The Bowstring 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 Bowstring Centralizers are used in a string, one at the top and one near the bottom, to further increase the strings stability.

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

Benefits

The Bowstring Centralizer provides electrical contact for all 15 points of contact in a Lee Production Logging String and is quick and easy to service.



| Bowstring Centralizer | |
|-----------------------------|-------------|
| Type | Part No. |
| Single Pin Standard Service | AM011WA0004 |
| Single Pin H2S Service | AM011WB0004 |
| Multi Pin Standard Service | AM011WA0006 |
| Multi Pin H2S Service | AM011WB0006 |

Bowspring Centralizer

| Spare Parts and Accessories | | |
|--------------------------------------|-----------------|---------------|
| Type | Number of Parts | Part No. |
| Seal Kit | 1 | AM011RK0006 |
| Bow Spring | 4 | PM011SG0037 |
| Dowel Pin 1/8"x5/8" | 8 | PM940SD0005 |
| Undercut Phillips Screw 8-32x0.3125" | 16 | PFU8-32SB031 |
| Socket Cap Screw 4-40x0.1875" | 8 | SCC4-40SB0188 |
| Set Screw #10-32x0.25 | 4 | 101127 |
| Accessories | | |
| Spring Wear Gauge | | PM005SA0062 |

| Specifications | |
|--------------------|------------------------|
| | Details |
| 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) |