



## BOW SPRING CENTRALIZER

Blackhawk Bow Spring Centralizer provides uniform annular clearance and reduces friction while running casing. It is suited for vertical and deviated applications. Our bow type centralizer is manufactured to API 10 specification ensuring this centralizer consistently provides superior performance.

### FEATURES

- Bow springs are manufactured from high quality steel and heat treated to achieve minimum starting and running force and maximum restoring force.
- The heat treated alloy provides flexibility while minimizing damage when moving downhole.
- Integral hinge is designed for maximum load capacity for optimum design strength.
- Centralizers are made to install on location with the ability to latch over a stop collar or casing collar.

### BENEFITS

- Centralizes casing in the wellbore and provides reinforcement to the cement column.
- Our bow spring centralizer allows for reciprocation or rotating of the casing.

### SIZES

- Manufactured in all common casing and hole size combinations from 2-7/8" up to 22".

**Recommended to run with latch on stop collar.**

