

500 Series - Welded, Standard Bow Spring Centralizer



Antelope offers several styles of both slip-on and hinged, welded, standard bow centralizers. These centralizers are easily installed over stop collars or couplings on all standard casing grades and provide casing centralization in the wellbore for vertical and horizontal wells. They also help reduce the effects of channeling by improving the cement flow, which results in a more uniform thickness between the casing and wellbore.

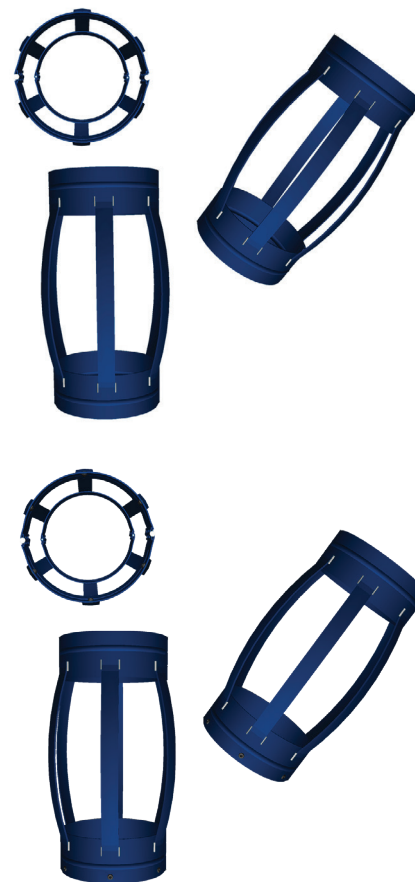
- Used in most type of well designs
- Centralizers are designed and tested for specified casing and hole size combinations. Any attempt to run through smaller restriction may cause excessive starting force and/ or damage.

500 - HINGED, WELDED, STANDARD BOW SPRING CENTRALIZER

The 500 Series Centralizer can be quickly installed over a stop collar or coupling thanks to its hinge-pin design. It also features straight bow springs that are welded onto the hinged end collars.

501 - HINGED, WELDED, STANDARD BOW SPRING CENTRALIZER WITH SET SCREWS

This centralizer provides the holding force of the 500 Series by adding evenly spaced integral set screws to assist the welded straight bow springs. A stop collar or coupling is not required with this centralizer.



500 Series - Welded, Standard Bow Spring Centralizer



530 - HINGED, WELDED, EXTENDED BOW SPRING CENTRALIZER

The 530 Series Centralizer consists of 30"-long, extended straight bow springs that are welded onto the hinged end collars. The extended bow springs allow for greater flexing of the bows to pass through various hole sizes.

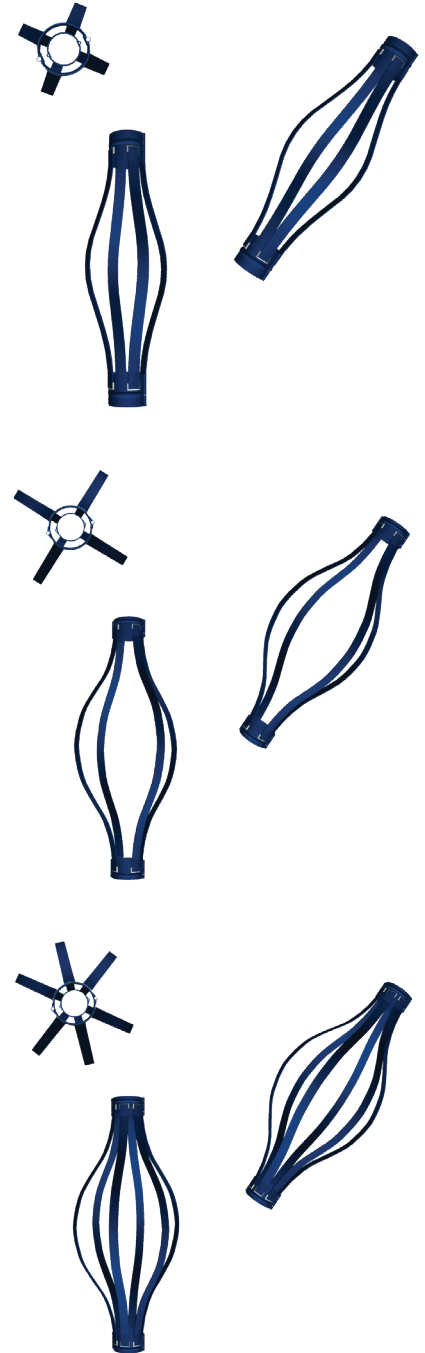
540 - HINGED, WELDED, EXTENDED BOW, GRAVEL PACKER BOW SPRING CENTRALIZER

The 540 Series provides centralization in open hole gravel packs. Its straight bow springs measure 40 inches, an extended length that enables them to flex significantly to pass through a wide range of hole sizes. This centralizer is used for under reamed holes, includes gravel packing operations.

544 - HINGED, WELDED, STAB-IN BOW SPRING CENTRALIZER

With 40"-long, extended straight bow springs welded onto the hinged end collars, the 544 Series can be used in a variety of restrictive situations. It is used to centralize casing and/or drill pipe during stab-in cementing operations. This centralizer can be used in under reamed holes.

- Used in most types of well designs
- Hinged design with long smooth pronounced bow profile
- Hinged design allows for easy installation around casing coupling or stop collar
- Centralizers are designed and tested for specific casing and hole size combinations
- Manufactured to customer specifications upon receipt
- Specify casing, hole and restriction sizes when ordering



Casing Sizes:	2-3/8" to 18 5/8"
Collar Material:	A565 / A1011
Bow Spring Material:	AISI 4130