**200 Series: Hinged, Friction Grip Stop Collar**
The 200 features a hinged design that allows for easy installation anywhere on the casing. The positive holding action of the draw bolt tightening mechanism provides strong grip without damaging the casing. The 200 is recommended for use with all standard casing grades.

**202 Series: Hinged Set Screw Stop Collar**
On this stop collar, the draw bolt of the 200 Series is replaced by set screws for even greater holding force, while the hinged design allows for the same simple installation. The 202 is recommended for use on all casing grades up to P110.

**490 Series: Slip-On, Liner Band Centralizer**
This slip-on centralizer includes a five-inch-long steel collar with formed 10° offset flutes, which assure positive standoff when running liners in close tolerance hole situations. The 490 Series is normally run between stop collars to reduce torque and act as a bearing.

**500 SERIES**
These centralizers are easily installed over stop collars or couplings on all standard casing grades and provide casing centralization in the wellbore for vertical, deviated 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, and are designed to have very low starting and running forces and a strong restoring force.

**500 Series: Hinged, Welded, Standard Bow Centralizer**
The 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.

**507 Series: Hinged, Welded, Standard Bow Centralizer with Turbo Fins**
The 507 Series centralizes the casing via straight bow springs with turbo fins that are welded onto the hinged end collars. The fins induce a spiral flow pattern to cement slurry and help reduce channeling during cementing operations. They also help remove mud cake from the wellbore to keep the well producing at its maximum potential.

**600 SERIES**
Our 600 Series slip-on welded close tolerance centralizers are specifically designed for close tolerance casing applications when restrictions are rampant. Their design provides a practical solution for sufficient restoring forces after passing through those restrictions, while keeping the starting and running forces at a minimum.

**610 Series: Slip-On, Welded, Close Tolerance Centralizer**
The 610 Series Centralizer consists of two slip-on, three-inch-long notched steel collars with straight bow springs that are welded to the end collars. These centralizers are normally run between two stop collars or over a slip-on stop collar to provide the casing/liner a smooth bearing surface.

**611 Series: Slip-on, Welded, Close Tolerance Centralizer with Set Screws**
An upgraded version of the 610 Series, this centralizer features an end collar with evenly spaced integral set screws that allow the centralizer to be pulled into the hole; a stop collar is not required. It is recommended for use on casing grades of P-110 and lower.
700 SERIES

Thanks to their semi-rigid characteristics and optimal centralizing capacity, our dual contact bow spring centralizers are ideal for deviated and horizontal wells. The design of our imperial bow spring centralizers provides strong restoring forces while minimizing starting and running forces, making it a proven choice for excellent casing centralization in vertical, deviated and horizontal wells.

**700 Series: Hinged, Welded, Imperial & Dual Contact Bow Centralizers**
The 700 Series Centralizer uses hinge pins to secure the hinged designed end collars together around the casing, while straight bow springs are welded onto the end collars. The design is hinged for easy installation and is normally run over a stop collar or coupling.

**707 Product: Hinged, Welded, Imperial Bow Centralizer with Turbo Fins**
Another hinged centralizer, the 707 Series includes the addition of turbo fins that are spot-welded onto the hinged end collars. The turbo fins induce a spiral flow pattern to cement slurry, help remove mud cake and reduce channeling during cementing operations.

**780 Series: Hinged, Welded, Dual Contact Bow Centralizer**
This centralizer consists of straight dual contact bow springs that are welded onto the hinged end collars. Normally run between two stop collars, the 780 Series’ double bow design is optimized for small-clearance situations.

900 SERIES

Our 900 Series of cement baskets and accessories features three primary styles in both slip-on and hinged configurations. Flexible enough to be run on casing or liners and strong enough to protect weak formations from intense hydrostatic pressure, the 900 Series is made to support the upper cement column during cementing operations.

**910 Series: Slip-On, Metal Petal Cement Basket**
With tough, convex metal petals welded to one end of the collar and strong, flexible steel bows, the slip-on-style 910 is built to stand up under the heaviest columns, without sacrificing adaptability. The 910 Series can expand or contract as needed and can be rotated or reciprocated. We offer this cement basket in all standard casing/hole sizes.

**912 Series: Slip-On, Canvas Cement Basket**
Our other slip-on style basket, the 912 features heavy-duty canvas liners riveted to flexible steel staves mounted on a steel ring. Although sizes are available for all standard casing sizes, the 912 Series is designed to optimize conformance to the borehole and can accommodate especially large hole sizes.

**46X: Slip-On, Solid Body, Spiral Blade, Rigid**
This centralizer angled blades break up jelled fluid pockets and make it easier to vacate the well bore fluids by spacers and cement. The angled vanes create a radial swirling fluid motion on the fluid being pumped. This motion creates a washing action that eliminates channeling, picks up well solids from the low side, gets the mud out, and gets the cement in, resulting in a good bond. Sizes are available for all standard casing / hole sizes. Recommended for use with all standard casing grades.

**545S: Slip-On, Solid Body Centralizer with Straight Blades**
This centralizer angled vanes break up jelled fluid pockets and make it easier to vacate the well bore fluids by spacers and cement. The angled vanes create a radial swirling fluid motion on the fluid being pumped. This motion creates a washing action that eliminates channeling, picks up well solids from the low side, gets the mud out, and gets the cement in, resulting in a good bond. Sizes are available for all standard casing / hole sizes. Recommended for use with all standard casing grades.