

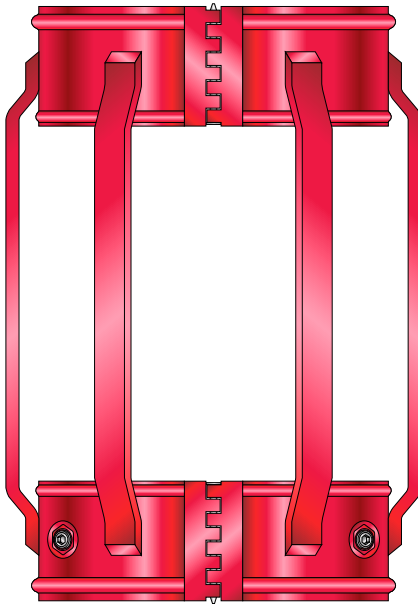
Rigid Centralizers



Rock Solid Construction For Positive Stand-Off

Weatherford provides a broad range of rigid centralizers to satisfy our customers' varying needs. These rigid centralizers provide a wide range of options for casing centralization, from standard vertical well configurations to highly deviated and horizontal wells. Their high-quality construction provides great strength and downhole integrity.

Rigid Centralizers



Rigid-Bar Centralizer

Weatherford rigid-bar centralizers provide positive standoff and centralization of casing strings in openhole and cased-hole applications during running and cementing operations.

The rigid-bar centralizer is available in a single-bar configuration for cased-hole applications and a double-bar configuration for openhole applications. The configurations are welded to latch-on or slip-on end collars, which provides operational flexibility to meet operator requirements.

To meet extreme axial and radial loads often associated with large-bore subsea applications, the rigid centralizer can be custom-built in a square-bar or flat-bar configuration with extra heavy-duty end collars, a double row of setscrews, or both.

Applications

- Cased-hole and openhole applications requiring positive casing standoff and centralization
- Large-bore, subsea applications with extreme axial and radial loads
- Vertical and horizontal wells

Features, Advantages, and Benefits

- The centralizer is available in various configurations to meet client requirements.
- Bar configurations provide positive standoff and centralization of casing strings in openhole and cased-hole applications, which maximizes the likelihood of achieving zonal isolation with primary cementation.
- Bars welded to the outer diameter of the end collars provide a reliable and durable centralizer.
- Setscrews secure the centralizer to the casing string, which enables the device to be pulled into the wellbore.
- Square-bar and flat-bar configurations provide a large bearing surface, which eliminates virtually all wellbore gouging for openhole applications.
- Slip-on end collars feature a single-piece end that—with the use of stop collars—allows rotation of the centralizer if required.
- Latch-on end collars feature an integral hinge that folds to the inside after installation and prevents unfolding in extreme conditions.
- All common centralizer sizes have been tested and validated to API Specification 10D.
- A shallow-angle leading profile enables the centralizer to pass through tight restrictions for maximum operational flexibility.
- Rigid outside diameter (OD) is smaller than minimum restrictions.

Options

- Available with slip-on or latch-on end collars. Latch-on end collars are available with an integral stop collar.
- Square-bar or flat-bar configurations are available for subsea applications.