

RED-X™ Centralizers

COMPREHENSIVE PORTFOLIO OF CENTRALIZERS DESIGNED TO PROVIDE PREMIUM QUALITY AND DRAG REDUCTION AT ECONOMICAL PRICES

FEATURES

- » Three-tier portfolio to tailor centralizer selection for any job
- » Premium quality and durability
- » Engineered to reduce friction and drag
- » API 10D restoring forces qualified

BENEFITS

- » Provides optimal annular clearance
- » Aids in efficient mud removal
- » Helps form better cement bond
- » Increases frac efficiency
- » Improves production

OVERVIEW

Achieving optimal standoff is essential to create the best possible barrier, and proper centralization during cementing is a critical operational component. No single centralizer design can satisfy all requirements for every job type, so the ability to select from a range of centralizers helps provide a more complete and tailored solution.

The RED-X™ portfolio of centralizers is a comprehensive lineup of multiple designs and materials to help operators choose the right centralizers to fit their operational and economic targets. Separated into three main categories, RED-X centralizers provide premium quality and targeted feature sets while maintaining optimal drag reduction at economical prices.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

RED-X single-piece centralizers incorporate a robust, single-piece, non-welded bow spring design with a small surface area to help reduce friction in horizontal sections. These centralizers are subject to testing that exceeds API 10D standards to help ensure the best possible performance and quality.

RED-X classic centralizers utilize over-gauge materials for high restoring force and improved standoff. Available in welded and non-welded options, with hinged or slip-on configurations, and double-bow or double-crest designs, the classic centralizers offer a diverse and cost-effective set of solutions for most vertical well operations.

RED-X solid-body centralizers are available in composite or metal materials with straight or spiral design options. The rigid designs are engineered to reduce drag through extended-reach horizontal sections while providing sufficient annular clearance.

APPLICATIONS

The RED-X portfolio of centralizers is designed to support nearly any job and environment. The single-piece centralizers are ideal for both offshore and onshore markets, while the classic centralizers are targeted for vertical or cost-sensitive operations. For wellbores with long horizontal sections or jobs that utilize casing rotation, the solid-body centralizers offer alternative materials for improved drag reduction.



RED-X™ Single-Piece Centralizer



RED-X™ Classic Centralizer



RED-X™ Solid-Body Centralizer

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