

VariForm[®] Centralizer

Achieves high restoring forces and keeps starting and running forces low in deviated and horizontal holes

Applications

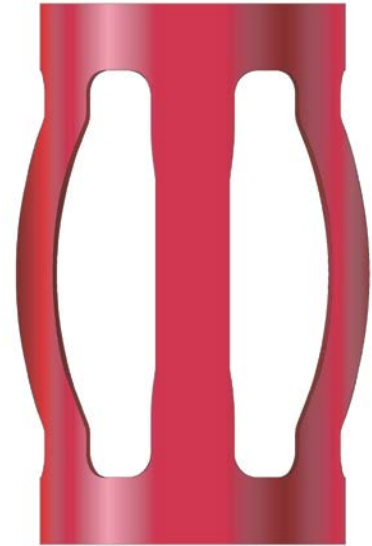
- Horizontal and deviated hole sections in which minimal to no starting and running forces are required to enable casing to reach total depth

Features and Benefits

- The VariForm centralizer has an advanced design that enables customization for unique or critical applications.
- The proprietary fillerless welding technique used to form the centralizer body results in a weldment virtually indistinguishable from the parent metal.
- The one-piece construction results in a robust centralizer that can withstand immense forces and remain intact, which eliminates debris in the hole.
- Minimal cross-sectional area minimizes flow restrictions and decreases equivalent circulating densities.
- The centralizer is engineered for deviated and horizontal holes and provides high restoring forces with a 0-lbf (0-N) running force.
- All sizes have been tested and validated to exceed American Petroleum Institute (API) 10D requirements.

Tool Description

The Weatherford VariForm centralizer is a high-performance, one-piece centralizer designed for use in deviated and horizontal holes. The centralizer keeps starting and running forces at or near 0 lbf (0 N) for minimum drag during casing running, and it achieves high restoring forces for maximum standoff during cementing operations.



The VariForm centralizer is built from a single piece of alloy steel that is laser cut and shaped to provide robust performance.

* VariForm is a registered trademark of Weatherford in the US.