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.



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