

## Disrupter®

The Disrupter is a unique composite solid body slip-on spiral blade centralizer. Featuring an advanced design that allows the casing to oscillate in the wellbore, **the Disrupter® reduces friction and provides less drag**, allowing the casing to easily glide through wellbore deviations and horizontal sections.

**The Disrupter exploits the negative energy of hole drag, by turning side contact force into applied casing oscillation.**

The Disrupter has successfully been run in wells with bottom hole temperatures surpassing 390°F in geothermal applications. Featuring a solid body design made up of a high-grade resin, the Disrupter is able to withstand the typical impact, wear, and heat resistance encountered downhole.



### The Disrupter® Powered by a Patented Design

- Takes the path of least resistance
- Navigates wellbore obstructions
- Accommodates high DLS and whipstock applications

### Benefits

- Independent from all formations, completion types, and mud types
- Reduces open hole friction factors by 20+%
- Delivers increased available hook load at total depth by 25+%
- Faster run times and increased trip speed by 15+%

### Specifications

Casing Sizes (in)	Centralizer OD (in)	Hole Size (in)
4.5	6.0	6-1/8+
5.5	6.5	6-3/4+
5.5	7.625	7-7/8+
5.5	8.25	8-1/2+
7.0	8.3	8-1/2+
9.625	12.0	12-1/4+



FET Davis-Lynch is an authorized provider to sell the DISRUPTER® Centralizer, designed and manufactured by Friction Tool Solutions based in Alberta, Canada.