



## Fixedblade® Drilling System Technical Description

### Overview

The Fixedblade® was designed to address the known shortcomings of the conventional spiral blade stabilizer.

Simple yet innovative solution enhances drilling performance, prevents downhole failures and makes tripping easier.

### Design features

- Dome-shaped, low friction blades
- 6 points of contact
- Flow profile with optimized hydrodynamics

### Benefits

- Reduced torque and drag
- Improved weight transfer and tool face control when slide drilling
- BHA vibration dampening
- Increased stability
- Resistance to balling up and packing off
- Reduced risk of swab and surge
- Minimized damage to mud cake while drilling and tripping

### Specifications

Hole Size	Gauge Range	Length (m)	Weight (kg)	ID	Fishing Neck Dia.	Surface Area (in <sup>2</sup> )	Conn.
8 1/2"	7 7/8" - 8 1/2"	2.30	358	2 1/4"	6 3/4"	205	4 1/2" IF
12 1/4"	11 7/8" - 12 1/4"	2.40	536	2 13/16"	8 1/4"	240	6 5/8" Reg

\* Tungsten Carbide hardfacing, optional Thermally Stable Polycrystalline (TSP) inserts also available.

