



Fixedblade® Stabilizer Specification

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 with the 6", 8 1/2" and 12 1/4" hole sizes
- 8 points of contact with the 17 1/4" hole size
- 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 ²)	Conn.
5 7/8" - 6 3/4"	5 3/4" - 6 5/8"	2.00	180	2"	4 3/4"	100	NC38
8 1/2"	8" - 8 3/8"	2.20	360	2 1/4"	6 3/4"	220	4 1/2" IF
12 1/4"	12" - 12 1/8"	2.40	660	2 13/16"	8 1/4"	240	6 5/8" Reg
17 1/2"	17 1/4"	2.60	1200	3"	9 1/2"	340	7 5/8" Reg



- Tungsten Carbide hardfacing, optional Thermally Stable Polycrystalline (TSP) inserts also available.
- Other gauge sizes are available upon request.