

Fixedblade® Nearbit Technical Description

Overview

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

Simple yet innovative solution enhances drilling performance by maximizing stability at the bit and minimizing bit whirl. Ideal for rotary BHA's when used in conjunction with either the Switchblade or Fixedblade string stabilizers.

Design features

- Minimized distance between bit and stabilizer blades
- Dome-shaped, low friction blades
- 6 points of contact
- Flow profile with optimized hydrodynamics

Benefits

- Minimized bit tilt and spiraling
- Reduced torque and drag
- 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.
8 1/2"	7 7/8"- 8 1/2"	1.05	315	2 1/4"	6 3/4"	205	4 1/2" IF
12 1/4"	11 7/8"- 12 1/4"	1.23	358	2 13/16"	8 1/4"	240	6 5/8" Reg

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