

Fixedblade® Bitbox

Technical Description

Overview

The Fixedblade® Bitbox was designed to replace the need for static motor sleeve stabilization which improves weight transfer and tool face control when slide drilling.

Also suitable for BHA's with point-the-bit RSS, allowing using short-gauge bits without compromising directional performance and hole quality.

Design features

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

Benefits

- Improved weight transfer and tool face control when slide drilling
- Improved bit stability
- Reduced torque and drag
- BHA vibration dampening
- 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"	0.36	63	2 1/4"	6 3/4"	75	4 1/2" IF
12 1/4"	11 7/8" - 12 1/4"	0.45	90	2 13/16"	8 1/4"	85	6 5/8" Reg

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