



Fixedblade Reamer® Specification

Overview

The Fixedblade Reamer tool is designed to ensure borehole gauge whilst minimizing borehole tortuosity by elongating micro doglegs and borehole spiral patterns whilst drilling.

To optimize performance, the Fixedblade Reamer should be run in tension and high-up in the drill string.

Design features

- The Fixedblade Reamer design with optimized hydrodynamics allows for increased transportation of cuttings surrounding the stabilizers
- The Fixedblade Reamer allows for forward and back reaming action

Benefits

- Improves weight transfer and wellbore conditions
- Reduces the need for dedicated wiper trips
- Reduces back reaming and the risk of stuck pipe events
- Minimizing the occurrence of balling-up reducing downhole ECD and Swab & Surge
- POOH - typically on elevators
- Smooth running of casing to TD



Specifications

Hole Size	Gauge Range	Length(m)	Weight (kg)	ID	Fishing Neck Dia.	Surf. Area (in ²)	Conn.
6" series	5 3/4" – 6 1/4"	2.00	180	2"	4 3/4"	100	NC38
8 1/2" series	8" – 8 3/8"	2.20	360	2 1/4"	6 3/4"	220	4 1/2" IF
12 1/4" series	12" – 12 1/8"	2.40	660	2 13/16"	8 1/4"	240	6 5/8" Reg
17 1/2" series	17 1/4"	2.60	1200	3"	9 1/2"	340	7 5/8" Reg

- Tungsten Carbide dome inserts and passive polycrystalline diamond inserts
- Other gauge sizes are available upon request