

# Dog Leg (DL) Reamer

The eccentric hole opening tool for bi-directional reaming, and conditioning the wellbore.

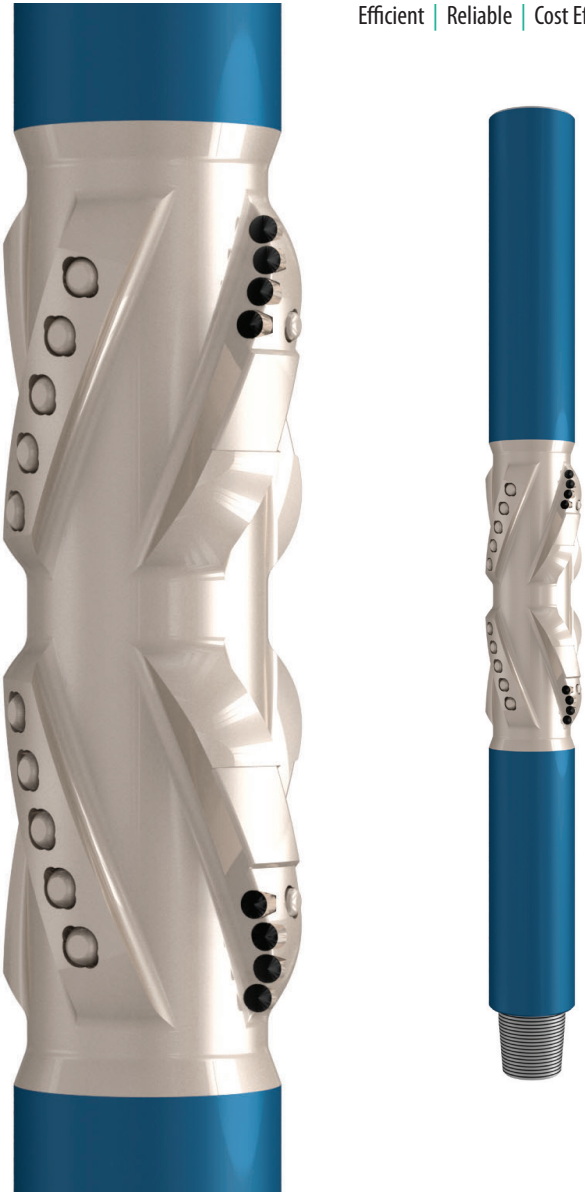
Our Dog Leg Reamer (DLR) targets multiple drilling challenges and minimizes and eliminates micro doglegs. Dual cutting structures enlarge the borehole in two directions and allow forward reaming and backreaming. The eccentric shape allows the DL Reamer to drill larger holes than it passes through. The tool enlarges the wellbore, saving you time-consuming short trips.

## Features and Benefits

- **Eccentric Design** - Allows drilling larger holes than it passes through; smaller pass-through diameter facilitates sliding
- **Forward Spiral Blades** - Provide protection, stability, and durability while enabling drillout
- **Bi-Directional Cutting Structures** - Allow forward reaming and back reaming
- **Maximized Tool ID** – Allows fishing of most retrievable MWD components
- **Stirs-up Cuttings Beds** – Improve wellbore condition and improving weight transfer
- **Efficient** - Eliminates the need for dedicated wiper trips, and improves hole quality for open-hole completions or casing running

## Applications

- Shale laterals
- Extended reach wells
- Creeping salts
- Swelling shales



## DL Reamer Tool Specifications

Bit Size	DLR Diameters			Make Up Length (ft)	Junk Slot Area	Collar OD (ins)	Tool ID (ins)
	Pass Through	Drill Size	Max Tool Size				
5-7/8"	5.750"	5.938"	5.188"	4.07'	9.060 in <sup>2</sup>	5.0"	2.000"
6"	5.875"	6.063"	5.375"	4.56'	9.660 in <sup>2</sup>	5.0"	2.688"
6-1/8"	6.000"	6.188"	5.563"	4.28'	9.340 in <sup>2</sup>	5.25"	2.813"
6-1/4"	6.125"	6.313"	5.563"	4.27'	10.970 in <sup>2</sup>	5.25"	2.688"
6-3/4"	6.625"	6.813"	6.125"	4.27'	14.670 in <sup>2</sup>	5.25"	2.688"
7-7/8"	7.750"	8.000"	7.200"	4.45'	15.920 in <sup>2</sup>	6.125"	3.000"
8-1/2"	8.375"	8.625"	7.750"	3.97'	17.140 in <sup>2</sup>	6.625"	3.000"
8-3/4"	8.625"	8.875"	8.000"	4.00'	29.200 in <sup>2</sup>	6.625"	3.000"
12-1/4"	12.125"	12.438"	11.25"	5.81'	56.080 in <sup>2</sup>	8.0"	3.000"
16"	15.875"	16.25"	14.75"	7.5'	99.0 in <sup>2</sup>	9.5"	3.000"
17-1/2"	17.375"	17.75"	16.00"	7.5'	125.00 in <sup>2</sup>	9.5"	3.000"