

# 6 1/2" "Rattler" Drilling Tool

## Overview

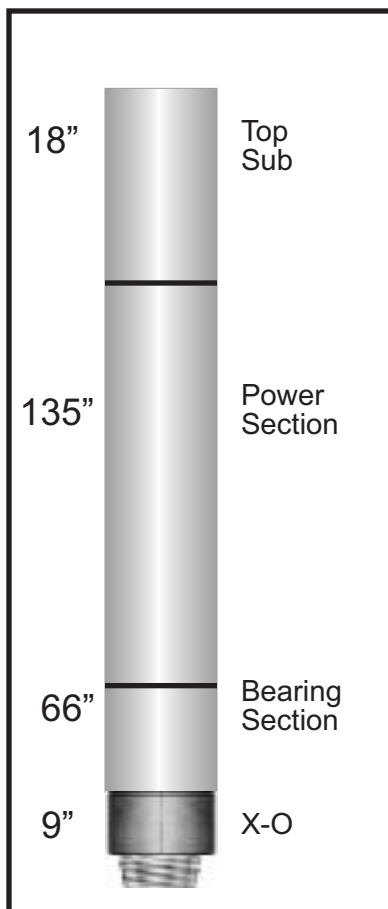
The "Rattler" Drilling Tool was developed by Scientific Drilling to enhance Directional Drilling operations.

The tool is strategically placed in the BHA, above the motor, to provide improved ROP's by way of an oscillating movement within the system.

This in turn provides smoother drilling and lessens the chance of sidewall sticking .

The tools are currently available in 6 1/2" and 4 3/4" O.D.

Technical Specifications	
O.D.	6.5 "
Overall Length:	19 Ft.
Weight:	1450 lbs.
Max. Flow Rate:	600 GPM.
Revs/Gal:	0.97.
Max. RPM:	582.
Max. Temp**	275 Deg. F.
Pressure Loss across tool:	125 psi.
Sand Content	<2%.
Solids Content:	<5%.
Hole Size:	7 7/8" - 9 7/8"
Max. Overpull for rerun :	500,000lbs.
Max. Overpull to yield :	940,000lbs.



Standard API Connections available on request

\*\*Hot-Hole Stators available on request

