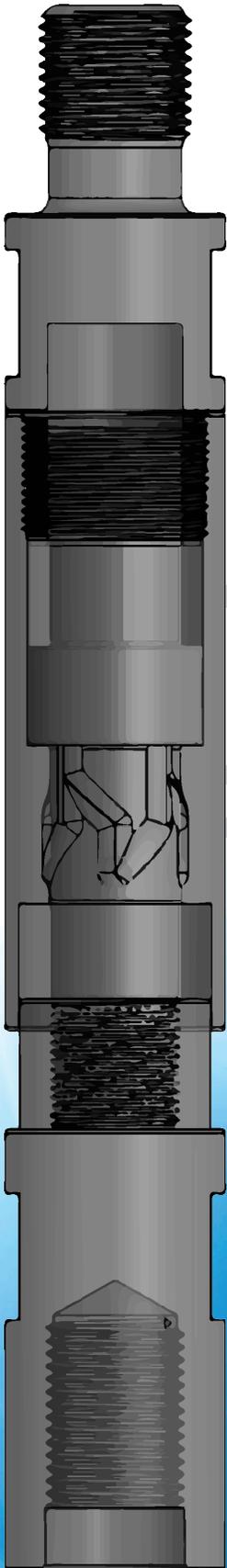


PLUNGER ROTATOR



The **Plunger Rotator** incrementally turns the valve rod and plunger within the barrel on the up and down strokes in vertical, deviated and horizontal application. The rotation moves the solids in the fluid around the plunger, eliminating constant wear on one area. This movement reduces wear of the barrel and plunger, extending the life of both and reducing the possibility of the plunger becoming stuck.

Unlike similar technology that is placed on the rod string and can bind up, the **Plunger Rotator** is placed on top of the valve rod bushing assembly, making full rotation possible.

The **Plunger Rotator** turns clockwise, causing the threads to tighten and eliminating the possibility of pump components becoming unscrewed if the plunger becomes stuck and is unable to rotate.

The incremental rotation can be manufactured to address the specific solids conditions and deviation of the well. The **Plunger Rotator** extends the life of the barrel and plunger, increasing overall runtime and operator revenue, while decreasing expenses.

*Torqued to specification
DO NOT disassemble*

Material construction:
316 stainless steel
Monel option available

US and Canada patents
World wide patents pending

BENEFITS INCLUDE:

- EXTENDS BARREL LIFE
- EXTENDS PLUNGER LIFE
- REDUCES STUCK PLUNGERS
- REDUCES VALVE GUIDE WEAR
- REDUCES VALVE ROD WEAR
- LONGER PUMP RUN
- HORIZONTAL, DEVIATED & VERTICAL APPLICATION