

Tilted Drive Sub (TDS)

Drilling Tools | Mud Motors

Features

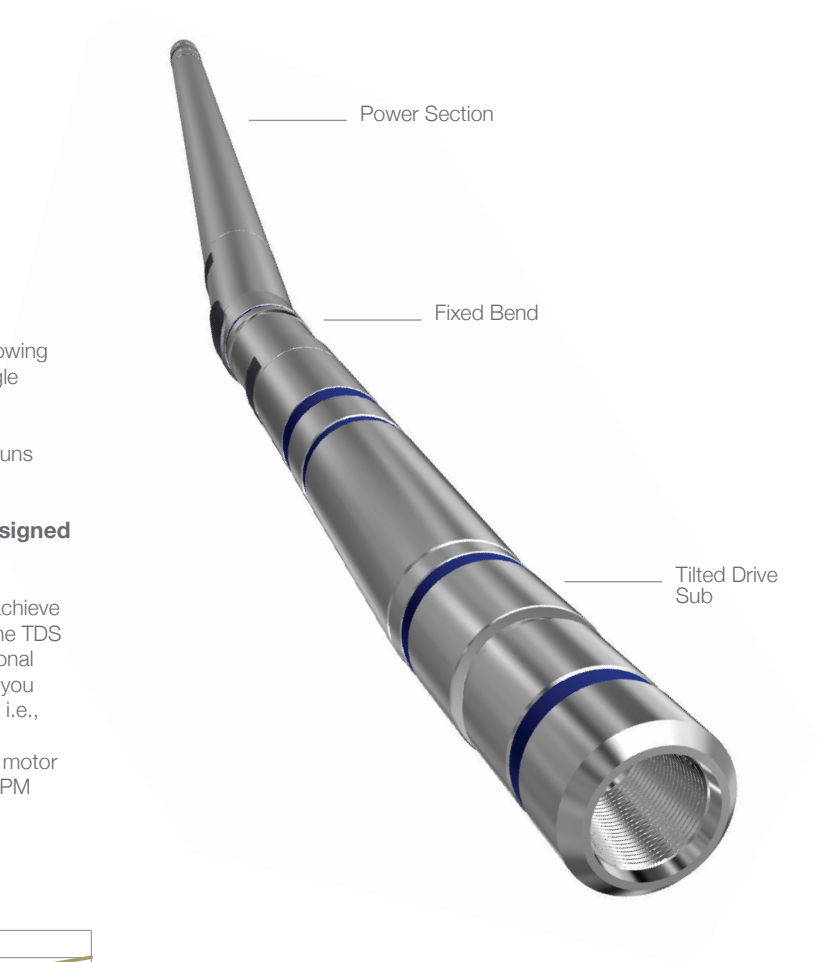
- Patented tilted drive sub at bit box
- Additional 0.25° bend at bit box
- Available in 6.75" and 7"
- Available in all power sections

Benefits

- Lower degree fixed bend housing obtains greater build rates, allowing for a higher rotary RPM limit that results from the lower bend angle
- Reacts quicker, resulting in instantaneous build rates
- Higher rotary RPM limits provide high ROP for curve and lateral runs

The Hunting Tilted Drive Sub mud motor is specifically designed for increased performance in unconventional shale plays.

The Hunting TDS mud motor utilizes a tilted drive sub assembly to achieve instantaneous build rates, higher rotary RPM limits and high ROP. The TDS mud motor has a traditional fixed bend housing along with an additional 0.25° bend at the bit box. This additional bend at the bit box allows you to run a lower fixed bend angle and achieve the same buildup rates, i.e., a traditional 6.75" 7/8 5.0 fixed bend motor set at 2.12° will achieve 11.53°/100' with a surface RPM limit of 30 RPM, while a 6.75" TDS motor set at 1.83° will achieve 11.8°/100' with a surface RPM limit of 40 RPM (actual buildup rates are application specific).



6.75" 7/8 5.0 Slick Build Rate Comparison

