

Xplorer

6 3/4in XR25TPS



ID: 0058533020 IADC: 517X



Xplorer is the result of a systematic engineering effort to improve performance in slim hole applications. These bits have proven themselves in tough slim hole applications around the world, and offer an unmatched combination of speed and durability in a wide range of formations.

Specifications

Bearing Type	Spinodal 2 Bearing w/ Silver Plated Components
Seal Type	Dual Material Bullet Seals
Bit Connection Type	3 1/2 Reg
Rows	Total: 15 Inner: 9 N-Gauge: 3 Gauge: 3
Inserts and Teeth	Total: 140 Inner: 68 N-Gauge: 36 Gauge: 36

Operating Parameters

Weight-on-Bit	15,000 to 30,000 (lbf) 6,700 to 13,000 (daN) 6.8 to 14 (Tonnes)
Bit Rotary Speed	250 to 50
Recommended Makeup Torque	7,000 to 9,000 ft-lbf

*Operating parameters are typical ranges. Please contact your Smith Bits representative for recommendations for your individual well.

FEATURES

■ The dual material elastomers in the patented Bullet™ seal provide superior protection for the bearing and enable the bits to attain the ultimate in reliability.



■ Spinodal 2 bearing with silver plated components ensures longer runs at higher ROP. This proprietary material offers maximum wear resistance and withstands extreme load forces for longer periods than conventional bearing materials.



■ The Trucut™ Gage system is used on selected soft formation TCI bits. This patented, stress relieved off-gauge insert, along with either hard carbide or diamond enhanced gauge inserts, ensures that an in-gauge hole is drilled and that steerability is maintained.



■ The PS feature offers strategically placed clusters of semi-round top (SRT) shaped carbide inserts that maximize leg protection, prevent bit wear, and substantially increase bit life in abrasive formations.

