

Xplorer

4 3/4 in XR20 TCI

(120.65 mm) ID:0058551010
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	2 7/8 Reg
Rows	Total: 12 Inner: 9 Gage: 3
Inserts/Teeth	Total: 93 Inner: 58 Gage: 35

Operating Parameters

Weight on Bit	5,000 To 15,000 (lbf) 2,272 To 6,818 (daN) 2 To 7 (Tonnes)
Rotary Speed (RPM)	250 To 50

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

SMITH BITS

A Schlumberger Company

FEATURES

- Spinodal 2 bearing 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.
- Chisel shaped inserts maximize ROP in medium-strength shales, limestones and sandstones, and provide optimum ROP performance in mud-up conditions.
- 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.

