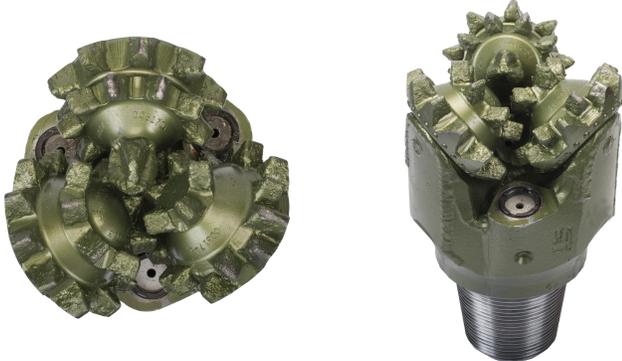


Xplorer Expanded

7 7/8 in XR+ C



ID: 0065886010 IADC: 117



Xplorer Expanded bits are specifically designed to drill soft formations with exceptional ROP and reliability. With the proven Gemini Twin Seal system and the ultra durable MIC2 hardmetal, these bits deliver maximum ROP and long run times in a wide range of applications.

Specifications

Bearing Type	Spinodal 2 Bearing
Seal Type	Dual Material Bullet Seals
Bit Connection Type	4 1/2 Reg
Rows	Total: 7 Inner: 4 Gauge: 3
Inserts and Teeth	Total: 60 Inner: 32 Gauge: 28

Operating Parameters

Weight-on-Bit	10,000 to 45,000 (lbf) 4,545 to 20,452 (daN) 4 to 20 (Tonnes)
Bit Rotary Speed	300 to 50
Recommended Makeup Torque	12,000 to 16,000 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 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 Center Jet maximizes fluid flow, and increases ROP by cleaning the bit more effectively and reducing bit balling.



- Premium hardmetal material reduces wear, provides superior durability and ensures that a full gauge hole is drilled.

