

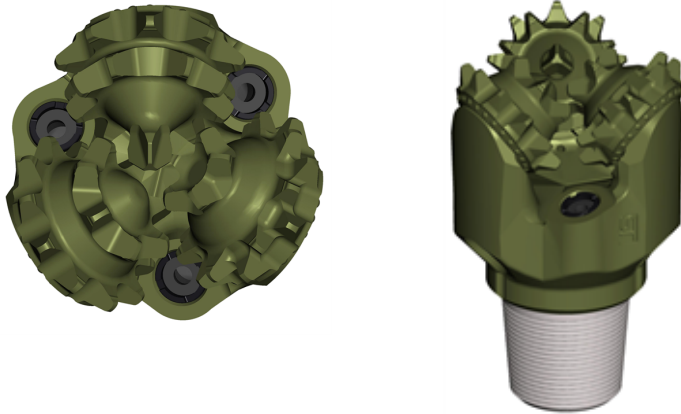
Xplorer Expanded

8 1/2in XR+C Milled Tooth

SMITH BITS

A Schlumberger Company

(216mm) ID: 0058487060 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 w/Silver Plated Components
Seal Type	Gemini™ Twin Seal System
Bit Connection Type	4 1/2 Reg
Rows	Total: 7 Inner: 4 Gage: 3
Inserts and Teeth	Total: 60 Inner: 24 Gage: 36

Operating Parameters

Weight-on-Bit	10000 To 45000 (lbf) 4400 To 20000 (daN) 4.5 To 20 (Tonnes)
Bit Rotary Speed (RPM)	300 to 50
Recommended Makeup Torque	3,000 To 3,500

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

FEATURES

- The Center Jet maximizes fluid flow, and increases ROP by cleaning the bit more effectively and reducing bit balling.
- 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 Gemini twin seal system consists of a primary seal which protects the bearing, and a secondary seal that protects the primary seal. This dual seal system will perform reliably for extended periods of time in high RPM, heavier WOB, high mud weight and severe dogleg applications.
- Premium hardmetal material reduces wear, provides superior durability and ensures that a full gauge hole is drilled.

