

Xplorer Expanded

4 3/4 in XR+



ID: 00554620 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	Dual Material Bullet Seals
Bit Connection Type	2 7/8 Reg
Rows	Total: 7 Inner: 4 Gauge: 3
Inserts and Teeth	Total: 55 Inner: 24 Gauge: 31

Operating Parameters

Weight-on-Bit	5000 to 15000 (lbf)
	2200 to 6700 (daN)
	2.3 to 6.8 (Tonnes)
Bit Rotary Speed	250 to 50
Recommended Makeup Torque	4,500 to 5,500 ft-lbf

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

FEATURES

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