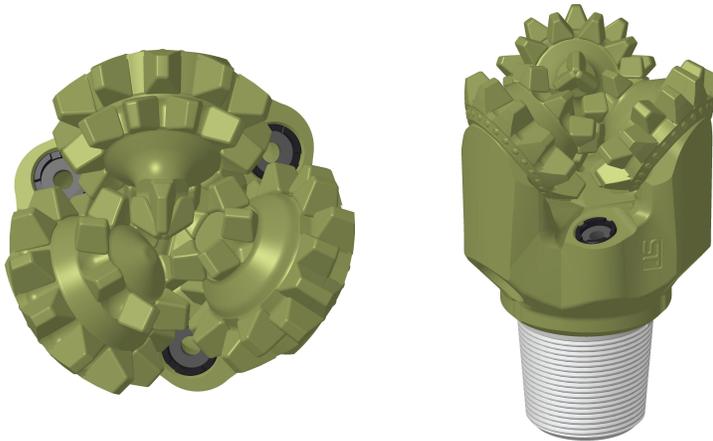


Xplorer Expanded

8 3/4 in XR+ CPS



ID: 0058796015 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

Bit Connection Type	4 1/2 Reg
Bearing Type	Spinodal™ 2 Bearing w/Silver Plated Components
Seal Type	Gemini Twin Seal System
Inserts and Teeth	Total: 62 Inner: 33 Gauge: 29
Rows	Total: 8 Inner: 5 Gauge: 3

Operating Parameters

Weight-on-Bit	10,000 to 45,000 (lbf) 4,400 to 20,000 (daN) 4.5 to 20 (Tonnes)
Bit Rotary Speed	300 to 50
Recommended Makeup Torque	12,000 to 16,000 ft-lbf

FEATURES

■ 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.



■ The Center Jet maximizes fluid flow, and increases ROP by cleaning the bit more effectively and reducing bit balling.



■ 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.

