

Xplorer Expanded

6 3/4 in XR+V PS



ID: 0057855011 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	3 1/2 Reg
Bearing Type	Spinodal™ 2 Bearing w/Silver Plated Components
Seal Type	Dual Dynamic Seal
Inserts and Teeth	Total: 56 Inner: 25 Gage: 31
Rows	Total: 7 Inner: 4 Gage: 3

Operating Parameters

Weight-on-Bit	5,000 To 30,000 (lbf)
	2,200 To 13,000 (daN)
	2.3 To 14 (Tonnes)
Bit Rotary Speed	300 to 50
Recommended Makeup Torque	7,000 to 9,000 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 proprietary elastomers and unique shape of the dual dynamic seal combine to provide increased surface area and long lasting durability.
- Premium hardmetal material reduces wear, provides superior durability and ensures that a full gauge hole is drilled.
- V-Flo™ directs nozzles to the leading side of the following bit cone to maximize cleaning. The resulting upward spiral flow enhances bottom hole cleaning, prevents bit balling and allows the bit to drill at maximum ROP.
- 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.

