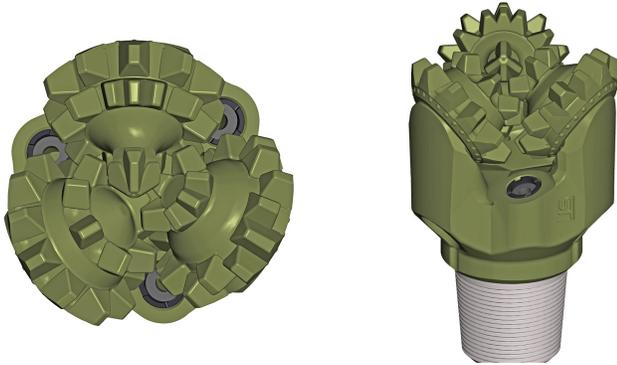


Standard Milled Tooth

8 3/4in FDS+ Milled Tooth



ID: 0058128020 IADC: 117



Premium standard bits are the focus of an ongoing product improvement effort which enhances existing designs and introduces new materials technology. These bits are available in a wide variety of designs capable of superior performance in any application.

Specifications

Bearing Type	Spinodal 2 Bearing
Seal Type	V-Ramp O-Ring Seals
Bit Connection Type	4 1/2 Reg
Rows	Total: 7 Inner: 4 Gauge: 3
Inserts and Teeth	Total: 64 Inner: 28 Gauge: 36

Operating Parameters

Weight-on-Bit	15000 to 45000 (lbf) 6700 to 20000 (daN) 6.8 to 20 (Tonnes)
Bit Rotary Speed	160 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

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



- 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 V-Ramp seal's unique design distributes contact pressure over a wider contact area ensuring a more consistent track on the bit leg. This results in extended seal life which allows the bit to stay in the hole longer and drill more footage.

