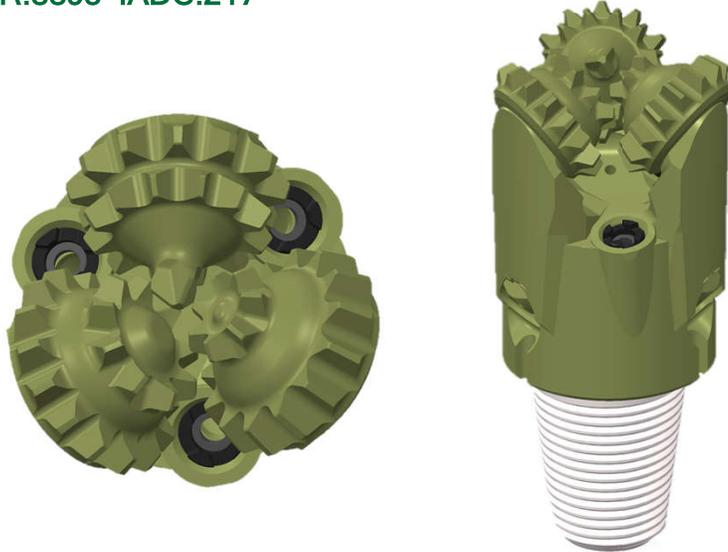


CT Plus

4 5/8 in CT117 Milled Tooth

(117.475 mm) ID:0065011030
ER:8893 IADC:217



The CT Plus product line of roller cone bits are designed specifically to optimize performance in plug milling including coiled tubing and workover operations, small-diameter CT Plus* coiled tubing bit from Smith Bits, enable operators to reduce milling time and drill all required plugs in one run. CT Plus roller cone bits incorporate the latest Smith Bits technology to perform with greater reliability while drilling composite plugs. The bits are engineered for extended-reach milling operations in various applications and include premium design features.

CT Plus Bits Incorporate

- Field proven technology
- Solid ROP
- Reliable bearing packages
- Lubricants and elastomers that provide reliable performance• Predictable cutting structures and hardfacing
- Applicable to very soft to medium formation drilling

Specifications

Bearing Type	Pressed Friction Bearing
Seal Type	V-Ramp O-Ring Seals
Bit Connection Type	2 7/8 Reg
Rows	Total: 9 Inner: 6 Gage: 3
Inserts/Teeth	Total: 100 Inner: 54 Gage: 46

Operating Parameters

Weight on Bit	1,000 To 10,000 (lbf) 454 To 4,545 (daN) 1 To 4 (Tonnes)
Rotary Speed (RPM)	50 To 500
Recommended Make-up Torque	3,000 To 3,500 ft/lbs

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

SMITH BITS

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FEATURES

- The proprietary Pressed-in Friction Bearing provides a robust, reliable system capable of excellent performance in a wide range of application. It is engineered and manufactured in-house to ensure prolonged bearing integrity.
- 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.
- HM16A hardmetal material has been optimized to reduce wear, extend bit life and maximize ROP.

