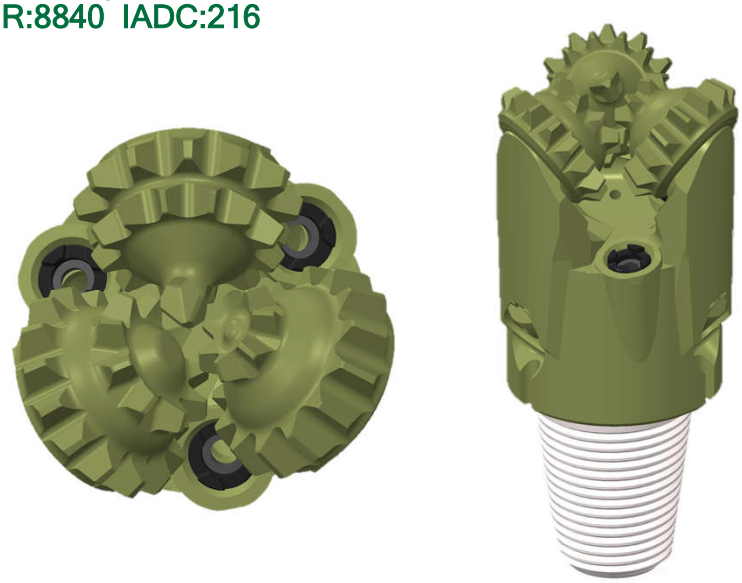
CT Plus

4 1/2 in CT216 Milled Tooth

SMITH BITS
A Schlumberger Company

(114 mm) ID:0066265010
ER:8840 IADC:216



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	Sealed Friction Bearing
Seal Type	Dual Material Bullet Seal
Bit Connection Type	2 3/8 Pin
Rows	Total: 7 Inner: 4 Gage: 3
Inserts/Teeth	Total: 72 Inner: 31 Gage: 41

Operating Parameters

Weight on Bit	7,000 To 19,000 (lbf) 3,182 To 8,636 (daN) 3 To 9 (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.

FEATURES

- The sealed precision roller bearing provides a robust, reliable platform capable of excellent performance in a wide range of applications. Tight tolerance surfaces and controlled contour rollers provide significantly improved bearing life and allow the bit to drill at a high ROP for extended periods of time.

- 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.

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

- 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.