

6 1/8in SB116U Milled Tooth

ID: 0064667010 IADC: 116



The SB product line of roller cone bits are designed for less challenging applications, engineered with fit-for-purpose materials and designs to deliver reliability and performance. SB 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

Bit Connection Type	3 1/2 Reg
Bearing Type	Sealed Friction Bearing
Seal Type	V-Ramp O-Ring Seals
Inserts and Teeth	Total: 56 Inner: 25 Gage: 31
Rows	Total: 7 Inner: 4 Gage: 3

Operating Parameters

Weight-on-Bit	10000 To 25000 (lbf) 4400 To 11000 (daN) 4.5 To 11 (Tonnes)
Bit Rotary Speed	160 to 50
Recommended Makeup Torque	6600 To 9850

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

FEATURES

- The sealed friction bearing with pressed in bearing sleeve provides a robust, reliable system capable of excellent performance in a wide range of applications.
- 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.

