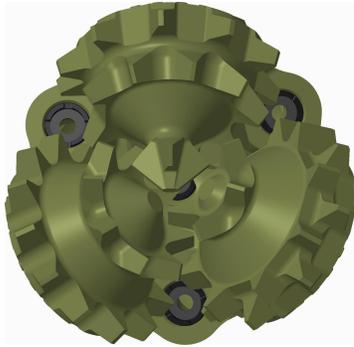


# Standard Milled Tooth

## 11 in FDS+ CPS



ID: 0068973010 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

Bit Connection Type	6 5/8 Reg
Bearing Type	Spinodal™ 2
Seal Type	V-Ramp O-Ring Seals
Inserts and Teeth	Total: 66 Inner: 34 Gauge: 32
Rows	Total: 7 Inner: 4 Gauge: 3

### Operating Parameters

Weight-on-Bit	20,000 to 45,000 (lbf)
	8,900 to 20,000 (daN)
	9.1 to 20 (Tonnes)
Bit Rotary Speed	50 to 160
Recommended Makeup Torque	28,000 to 32,000 ft-lbf

### FEATURES

- 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.
- HM16A hardmetal material has been optimized to reduce wear, extend bit life and maximize ROP.
- The Center Jet maximizes fluid flow, and increases ROP by cleaning the bit more effectively and reducing bit balling.
- 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.

