



OTS INTERNATIONAL, INC.

7 7/8 " 56

200 mm IADC M223



**PRODUCT SPECIFICATIONS:**

Number of Blades:	5			
Number of Nozzles/Type:	5	60 Series		
Total Number of Cutters:	33			
Primary Cutter Size:	5/8	in	16	mm
Standard Gage Length:	2	in	5.08	cm
Junk Slot Area:	11.26	in sq.	72.65	cm sq.
Recommended Make-up Torque:	16,000	lbf/in.	28	kNm
Overall Length:	14 5/8	in	371.48	mm
Make-up Length:	10 3/8	in	263.53	mm
API Pin Connection:	4 1/2	API Regular	114	mm

**RECOMMENDED OPERATING PARAMETERS:**

Rotation Speed:	All Rotary & Motor Applications			
Flow Rate: (gpm)	350	gpm Min.	700	gpm Man.
Flow Rate: (lpm)	1325	lpm Min.	2650	lpm Max.
Weight on Bit: (1,000 Lbs)	2000	lbs Min.	25000	lbs Max.
Weight on Bit: (kilonewtons)	8.9	kN Min.	111	kN Max.

The OTS 56 is equipped with 5 Blades and uses 5/8" (16mm) Premium Non-Planar PDC Face Cutters. The 7 7/8" 56 has 5 nozzles . The 56 was designed to drill soft to moderate compressive strength formations. The 56 can be equipped with the "H" feature which extends bit life. The 56 has a specialized cutting structure which was designed to survive a wide range of drilling conditions. It is ideal for use with a down-hole motor, in directional wells, or in rotary applications.

**NEXT GENERATION INNOVATION**

