



OTS INTERNATIONAL, INC.

8 3/4 " 56

222 mm

IADC M222



**PRODUCT SPECIFICATIONS:**

Number of Blades:	5			
Number of Nozzles/Type:	5 or 7	60 Series		
Total Number of Cutters:	31			
Primary Cutter Size:	5/8	in	16	mm
Standard Gage Length:	2 1/2	in	6.35	cm
Junk Slot Area:	13.412	in sq.	86.53	cm sq.
Recommended Make-up Torque:	16,000	lbf/in.	28	kNm
Overall Length:	16	in	406.40	mm
Make-up Length:	11 3/4	in	298.45	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 8 3/4" 56 has 5 nozzles. The 56 was designed to drill low to moderate compressive strength formations at high ROP. 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**

