



OTS INTERNATIONAL, INC.

7 7/8 " 55

200 mm

IADC M233



**PRODUCT SPECIFICATIONS:**

Number of Blades:	5			
Number of Nozzles/Type:	7	60 Series		
Total Number of Cutters:	35			
Primary Cutter Size:	1/2	in	13	mm
Standard Gage Length:	2 1/2	in	6.35	cm
Junk Slot Area:	11.26	in sq.	72.65	cm sq.
Recommended Make-up Torque:	16,000	lbf/in.	28	kNm
Overall Length:	15 1/8	in	384.18	mm
Make-up Length:	10 7/8	in	276.23	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 55 is equipped with 5 Blades and uses 1/2" (13mm) Premium Non-Planar PDC Face Cutters. The 7 7/8" 55 has 7 nozzles . The 55 was designed to drill soft to moderate compressive strength formations. The 55 can be equipped with the "H" feature which extends bit life. The 55 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**

