



OTS INTERNATIONAL, INC.

6 1/8 " 55

156 mm

IADC M133



**PRODUCT SPECIFICATIONS:**

Number of Blades:	5			
Number of Nozzles/Type:	5	60 Series		
Total Number of Cutters:	28			
Primary Cutter Size:	1/2	in	13	mm
Standard Gage Length:	2	in	5.08	cm
Junk Slot Area:	6.0237	in sq.	38.86	cm sq.
Recommended Make-up Torque:	9,000	lbf/in.	16	kNm
Overall Length:	12	in	304.80	mm
Make-up Length:	8 3/8	in	212.73	mm
API Pin Connection:	3 1/2	API Regular	89	mm

**RECOMMENDED OPERATING PARAMETERS:**

Rotation Speed:	All Rotary & Motor Applications			
Flow Rate: (gpm)	170	gpm Min.	300	gpm Man.
Flow Rate: (lpm)	644	lpm Min.	1136	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 6 1/8" 55 has 5 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**

