



DRILL MASTER, INC

# 6 – 1/8” M613



## Specifications

IADC	M133
Bit Profile	Medium
Bit Body	Matrix
Cutter Type	PDC
Cutter Size	13 mm (1/2")
Total Cutters	31
Blades	6
3-60 Series Nozzles for Maximum TFA of	1.114
Gage Protection	Carbide/PDC

## Bit Dimensions

Overall Length	12"
Make-up Length	8 3/8"
Fishing Neck O. D.	4 3/4"
Fishing Neck Length	3 3/8"
Gage Length	2"
API Pin Size	3 1/2" API Reg.

## Applications

Designed for directional or horizontal applications with rotary or positive displacement motor in. Designed for medium formations with moderate formation changes. Will drill long shale and limestone with intermittent sandstone stringers.

## Operating Parameters

Flow Rate Range (GPM).....180 – 350 GPM  
 Weight on Bit...2,500- 20,000 lbs. ( 1,050 – 6,820 kg)  
 Maximum Weight on Bit..20,000 lbs. (9,090 kg.)  
 Rotary Speed.....60 – 350 RPM



## Features

Spiral reinforced gage protection. Back reaming cutters can be added.  
 Hard formation cutters that offer increased impact and abrasion resistance are also available.  
 Impact arresting Studs reduce cutter breakage. Computer aided design with fast p-rate.

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