



# Volgaburmash

## ROLLER CONE DRILL BIT

**190.5 MTR547 (AUL-LS51X)**

Diameter ..... 190.5 mm (7 1/2")

IADC ..... 517

Product line ..... Motor

Motor bits are designed for a wide range of drilling applications. Sealed bearings, optimum cutting structure and complex body protection provide excellent performance.

### Specification

Bearing type ..... Journal bearing  
Seal ..... Elastomer seal  
Number of nozzles\* ..... 3  
Thread, API ..... Pin 4 1/2 Reg  
Gross weight, kg ..... 28,7

### Application

Motor bit is applied for drilling of oil and gas wells in medium abrasive formation with water or mud circulation.

### Drilling modes recommended

RPM ..... 180-40  
WOB, t ..... 7-15

### Design features

Side circulation  
Shirttail and leg leading edge hardfacing  
Leg protection with TC compacts  
Chisel insert

**Quality management system is certified to ISO 9001 and API Specification Q1**

\* Standard specification may be changed on customer request

For the purpose of performance improvement, minor changes of the bit design may be introduced without prior customer notification

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