



# Volgaburmash

## ROLLER CONE DRILL BIT

**215.9 MTR547 (AUL-LSP54Y)**

Diameter ..... 215.9 mm (8 1/2")

IADC ..... 547

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 radial type  
Number of nozzles\* ..... 3  
Thread, API ..... Pin 4 1/2 Reg  
Gross weight, kg ..... 37

### 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 ..... 300-40  
WOB, t ..... 11-21

### Design features

Side jet circulation  
Shirttail and leg leading edge hardfacing  
Leg protection with TC compacts  
Stabilization pad with TC compacts  
Conical inserts

**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