



# Volgaburmash

## ROLLER CONE DRILL BIT

**142.9 SLHP547 (AUL-LSP54XPF)**

Diameter ..... 142.9 mm (5 5/8")

IADC ..... 547

Product line ..... SlimholePro

SlimholePro bits are designed for vertical and directional drilling. Design of SlimholePro bits involves advanced knowledge-intensive technologies and engineering analysis in the state of the art software systems. Significant meterage of the bits is achieved due to premium sealed bearings, using exclusively premium quality materials, complex body protection and optimum cutting structure layout.

### Specification

Bearing type ..... Journal bearing  
Seal ..... Elastomer seal  
Number of nozzles\* ..... 3  
Thread, API ..... Pin 3 1/2 Reg  
Gross weight, kg ..... 12

### Application

SlimholePro 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 ..... 4-12

### Design features

- Side jet circulation
- Shirttail and leg leading edge hardfacing
- Leg protection with TC compacts
- Chisel inserts
- Stabilization pad with TC compacts
- Near gauge of TCI
- Tungsten carbide coated cone body

**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