



# Volgaburmash

## ROLLER CONE DRILL BIT

**158.7 AIR512 (V-ALS51Y)**

Diameter ..... 158.7 mm (6 1/4")

IADC ..... 512

Product line ..... AirJet

An Air bit with open bearings gives high performance results due to improved reliability of the bearing components, cutting structure and bit body protection.

### Specification

Bearing type ..... Roller bearing  
Seal ..... none  
Number of nozzles\* ..... One central jet  
Thread, API ..... Pin 3 1/2 Reg  
Gross weight, kg ..... 14,8

### Application

AirJet bit is applied for drilling blast holes in hard abrasive formations with air or air-water circulation.

### Drilling modes recommended

RPM ..... 115-60  
WOB, t ..... 2-11

### Design features

Air circulation  
Shirttail and leg leading edge hardfacing  
Leg protection 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

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