



# Volgaburmash

## ROLLER CONE DRILL BIT

**190.5 TCNP627 (AUL-LS62X)**

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

IADC ..... 627

Product line ..... TechnoPro

TecnoPro bits are designed for drilling water wells, vertical and directional drilling and construction drilling. Sealed bearings, optimum cutting structure and complex body protection provide excellent bit life and performance.

### Specification

Bearing type ..... Journal bearing  
Seal ..... Elastomer radial type  
Number of nozzles\* ..... 3  
Thread, API ..... Pin 4 1/2 Reg  
Gross weight, kg ..... 29

### Application

TecnoPro bit is applied for water drilling in hard abrasive formations with water or mud circulation.

### Drilling modes recommended

RPM ..... 180-40  
WOB, t ..... 11-21

### Design features

Side circulation  
Shirttail and leg leading edge hardfacing  
Leg protection with TCI  
Chisel 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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