



# Volgaburmash

## ROLLER CONE DRILL BIT

**444.5 TCNP315 (VU-KLS31TG)**

Diameter ..... 444.5 mm (17 1/2")

IADC ..... 315

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 ..... Roller bearing  
Seal ..... Elastomer radial type  
Number of nozzles\* ..... 4  
Thread, API ..... Pin 7 5/8 Reg  
Gross weight, kg ..... 213.6

### Application

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

### Drilling modes recommended

RPM ..... 300-40  
WOB, t ..... 20-40

### Design features

Combined circulation (Three side jets and one central jet)  
Shirttail and leg leading edge hardfacing  
Leg protection with TC compacts  
Enhanced thick teeth hardfacing  
Single gauge of TC compacts

**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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