



Volgaburmash

ROLLER CONE DRILL BIT

444.5 TCNP215 (VU-KLS21TG)

Diameter 444.5 mm (17 1/2")

IADC 215

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 220

Application

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

Drilling modes recommended

RPM 300-40
WOB, t 15-37

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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