



Volgaburmash

ROLLER CONE DRILL BIT

444.5 TCNP111 (V-KL11T)

Diameter 444.5 mm (17 1/2")

IADC 111

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 None
Number of nozzles* 4
Thread, API Pin 7 5/8 Reg
Gross weight, kg 200

Application

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

Drilling modes recommended

RPM 600-40
WOB, t 8-27

Design features

Combined circulation (Three side jets and one central jet)
Shirttail and leg leading edge hardfacing
Enhanced thick teeth hardfacing

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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