



Volgaburmash

ROLLER CONE DRILL BIT

508mm GRD111 (V-C11T)

Diameter 508 mm (20")

IADC 111

Product line GrandPro

GrandPro bits are designed for multiple drilling of upper well sections (surface hole, conductor hole). Sealed bearings, optimum cutting structure and complex body protection provide excellent bit life and performance.

Specification

Bearing type Open Roller bearing
Seal None
Number of nozzles* 1
Thread, API Pin 7 5/8 Reg
Gross weight, kg 340

Application

GrandPro bit is applied for drilling of oil and gas wells in Soft formation with water or mud circulation.

Drilling modes recommended

RPM 600-40
WOB, t 9-31

Design features

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