



Volgaburmash

ROLLER CONE DRILL BIT

165.1 STD121 (N-CL12T)

Diameter 152.4 mm (6 1/2")

IADC 121

Product line Standart

Standart bits are designed for a wide range of applications. Without sealing elements in the bearing, it is possible to maximize the journal and the rollers dimensions and to achieve full circulation in the bearing which is highly important as it helps reduction of the torque, providing quick cooling action and increasing bearing life.

Specification

Bearing type Roller bearing
Seal None
Number of nozzles* 3
Thread, API Pin 3 1/2 Reg
Gross weight, kg 13

Application

Standart bits are applied for drilling in soft formations with water or mud circulation.

Drilling modes recommended

RPM 300-40
WOB, t 4-13

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

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