TRICONE DRILL BIT

4 1/4 T4 UT72

Diameter:	**108.0mm (4 1/4")**
IADC Code:	**211C**
Design number:	**UT72**
State standard designation:	**С-ЦА**

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	3.00 mm
Bearing type	Journal bearing
Sealing	None
Total number of inserts (inner/heel row)	67 (31/36)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	0
Connecting thread	3-66 (2 3/8 REG)
Drill bit net weight, kg	4.40
Drill bit gross weight, kg	4.90

Purpose

The drill bit is designed for drilling medium hard formations

Recommended Drilling Conditions

Rotation speed	100-40 rpm
Thrust load	4.00-9.00 t (8800-19800 lbs)

The lower level of rotation speed value corresponds the upper level of thrust load value and vice versa

Design Features