

DBF

TRICONE DRILL BIT

5 7/8 T4 UT121

Diameter:	149.2mm (5 7/8")
IADC Code:	211C
Design number:	UT121
State standard designation:	C-ЦН

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	2.00 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	68 (31/37)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	0
Connecting thread	3-88 (3 1/2 REG)
Drill bit net weight, kg	10.60
Drill bit gross weight, kg	11.40

Purpose

The drill bit is designed for drilling medium hard formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	5.00-12.00 t (11000-26400 lbs)

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

Design Features

