



DBF

TRICONE DRILL BIT

15 1/2 R4 UT273

Diameter:	393.7mm (15 1/2")
IADC Code:	211
Design number:	UT273
State standard designation:	C-ЦГВ

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	5.00 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	186 (122/64)
Total number of insert rows (inner/heel row)	12 (9/3)
Number of changeable nozzles	4
Connecting thread	3-177 (7 5/8 REG)
Drill bit net weight, kg	154.00
Drill bit gross weight, kg	168.40

Purpose

The drill bit is designed for drilling medium hard formations

Recommended Drilling Conditions

Rotation speed	600-40 rpm
Thrust load	12.00-29.00 t (26400-63800 lbs)

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

Design Features

