

DBF

TRICONE DRILL BIT

3 2/3 T77 UT11

Diameter:	93.0mm (3 2/3")
IADC Code:	743CZ
Design number:	UT11
State standard designation:	K-ЦА

Specification

Gradient angle of axle journal	38°
Axle journal offset relative to drill bit axis	0.50 mm
Bearing type	Journal bearing
Sealing	None
Total number of inserts (inner/heel row)	101 (46/55)
Total number of insert rows (inner/heel row)	12 (9/3)
Number of changeable nozzles	0
Connecting thread	3-50 (-)
Drill bit net weight, kg	3.20
Drill bit gross weight, kg	3.70

Purpose

The drill bit is designed for drilling hard formations

Recommended Drilling Conditions

Rotation speed	100-40 rpm
Thrust load	6.00-11.00 t (13200-24200 lbs)

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

Design Features

