



TRICONE DRILL BIT

9 7/8 FS35 UT480

Diameter:	250.8mm (9 7/8")
IADC Code:	547X
Design number:	UT480
State standard designation:	C3-ГAY

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	5.00 mm
Bearing type	Journal bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	147 (97/50)
Total number of insert rows (inner/heel row)	12 (9/3)
Number of changeable nozzles	3
Connecting thread	3-152 (6 5/8 REG)
Drill bit net weight, kg	61.00
Drill bit gross weight, kg	63.40

Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

Rotation speed	180-40 rpm
Thrust load	7.00-17.00 t (15400-37400 lbs)

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

Design Features

