



TRICONE DRILL BIT

11 5/8 FS1 UT300

Diameter:	295.3mm (11 5/8")
IADC Code:	117
Design number:	UT300
State standard designation:	М-ЦГАУ

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	10.00 mm
Bearing type	Journal bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	60 (25/35)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	4
Connecting thread	3-152 (6 5/8 REG)
Drill bit net weight, kg	76.00
Drill bit gross weight, kg	78.80

Purpose

The drill bit is designed for drilling soft formations

Recommended Drilling Conditions

Rotation speed	180-40 rpm
Thrust load	8.00-21.00 t (17600-46200 lbs)

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

Design Features

