TRICONE DRILL BIT

15 1/2 T35 UT219

Diameter:	393.7mm (15 1/2")
IADC Code:	543CX
Design number:	UT219
State standard designation:	СЗ-ЦВ

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	5.00 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	166 (110/56)
Total number of insert rows (inner/heel row)	13 (10/3)
Number of changeable nozzles	1
Connecting thread	З-171 (6 5/8 FH)
Drill bit net weight, kg	184.00
Drill bit gross weight, kg	188.40

Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

Rotation speed	240-80 rpm
Thrust load	17.00-29.00 t (37400-63800 lbs)

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

Design Features