



12 1/4 RS35 UT87M

Diameter:	311.1mm (12 1/4")
IADC Code:	545X
Design number:	UT87M
State standard designation:	C3-ЦГВУ

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	5.00 mm
Bearing type	Roller bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	178 (126/52)
Total number of insert rows (inner/heel row)	14 (11/3)
Number of changeable nozzles	4
Connecting thread	3-152 (6 5/8 REG)
Drill bit net weight, kg	94.00
Drill bit gross weight, kg	98.40

Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	11.00-22.00 t (24200-48400 lbs)

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

Design Features

