



15 1/2 R35 UT274

Diameter:	393.7mm (15 1/2")
IADC Code:	543X
Design number:	UT274
State standard designation:	C3-ЦГВ

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	6.40 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	183 (131/52)
Total number of insert rows (inner/heel row)	16 (13/3)
Number of changeable nozzles	4
Connecting thread	3-177 (7 5/8 REG)
Drill bit net weight, kg	156.00
Drill bit gross weight, kg	160.40

Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

Rotation speed	600-40 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

Combined circulation (central and side), for which it is necessary to unscrew the screw from the central unit.

The leg shirrtail and entering edge are hardfaced with tungsten carbide

Tungsten carbide inserts on cone gage.

