



8 1/2 R35 UT02

Diameter:	215.9mm (8 1/2")
IADC Code:	543X
Design number:	UT02
State standard designation:	C3-ГВ

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	4.80 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	139 (95/44)
Total number of insert rows (inner/heel row)	12 (9/3)
Number of changeable nozzles	3
Connecting thread	3-117 (4 1/2 REG)
Drill bit net weight, kg	40.00
Drill bit gross weight, kg	41.50

Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

Rotation speed	600-40 rpm
Thrust load	9.00-19.00 t (19800-41800 lbs)

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

Design Features

