



8 1/2 R4 UT249

Diameter:	215.9mm (8 1/2")
IADC Code:	211
Design number:	UT249
State standard designation:	C-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)	125 (73/52)
Total number of insert rows (inner/heel row)	10 (7/3)
Number of changeable nozzles	3
Connecting thread	3-117 (4 1/2 REG)
Drill bit net weight, kg	34.50
Drill bit gross weight, kg	36.00

Purpose

The drill bit is designed for drilling medium hard formations

Recommended Drilling Conditions

Rotation speed	600-40 rpm
Thrust load	7.00-17.00 t (15400-37400 lbs)

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

Design Features

