



## 13 3/4 R35 UT48

Diameter:	349.2mm (13 3/4")
IADC Code:	543Y
Design number:	UT48
State standard designation:	C3-ГВ

### Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	5.00 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	185 (129/56)
Total number of insert rows (inner/heel row)	14 (11/3)
Number of changeable nozzles	3
Connecting thread	3-152 (6 5/8 REG)
Drill bit net weight, kg	120.00
Drill bit gross weight, kg	122.40

### Purpose

The drill bit is designed for drilling medium hard abrasive formations

### Recommended Drilling Conditions

Rotation speed	600-40 rpm
Thrust load	5.00-24.00 t (11000-52800 lbs)

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

### Design Features

