

# DBF

## TRICONE DRILL BIT

### 4 3/4 R4 UT47

Diameter:	120.6mm (4 3/4")
IADC Code:	211
Design number:	UT47
State standard designation:	C-ГН

### Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	2.00 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	68 (31/37)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	3
Connecting thread	3-76 (2 7/8 REG)
Drill bit net weight, kg	8.20
Drill bit gross weight, kg	8.70

### Purpose

The drill bit is designed for drilling medium hard formations

### Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	4.00-9.00 t (8800-19800 lbs)

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

### Design Features

