



# TRICONE DRILL BIT

## 8 1/2 FS3 UT275

Diameter:	215.9mm (8 1/2")
IADC Code:	137
Design number:	UT275
State standard designation:	MC-ЦГАУ

### Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	4.80 mm
Bearing type	Journal bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	85 (42/43)
Total number of insert rows (inner/heel row)	8 (5/3)
Number of changeable nozzles	4
Connecting thread	3-117 (4 1/2 REG)
Drill bit net weight, kg	34.40
Drill bit gross weight, kg	35.90

### Purpose

The drill bit is designed for drilling soft formations with medium hard streaks

### Recommended Drilling Conditions

Rotation speed	180-40 rpm
Thrust load	7.00-18.00 t (15400-39600 lbs)

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

### Design Features

