

# DBF

## TRICONE DRILL BIT

### 15 RS1 UT508

Diameter:	381.0mm (15")
IADC Code:	115
Design number:	UT508
State standard designation:	M-ЦГВУ

#### Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	13.00 mm
Bearing type	Roller bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	72 (29/43)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	4
Connecting thread	3-177 (7 5/8 REG)
Drill bit net weight, kg	140.00
Drill bit gross weight, kg	142.40

#### Purpose

The drill bit is designed for drilling soft formations

#### Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	6.50-23.00 t (14300-50600 lbs)

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

#### Design Features

