



## 7 7/8 RS30 UT111

Diameter:	200.0mm (7 7/8")
IADC Code:	535X
Design number:	UT111
State standard designation:	MC3-ГНУ

### Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	3.20 mm
Bearing type	Roller bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	109 (67/42)
Total number of insert rows (inner/heel row)	12 (9/3)
Number of changeable nozzles	3
Connecting thread	3-117 (4 1/2 REG)
Drill bit net weight, kg	32.60
Drill bit gross weight, kg	34.10

### Purpose

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

### Recommended Drilling Conditions

Rotation speed	200-40 rpm
Thrust load	4.00-14.00 t (8800-30800 lbs)

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

### Design Features

