



7 1/2 R1 UT175

Diameter:	190.5mm (7 1/2")
IADC Code:	111
Design number:	UT175
State standard designation:	M-ГБ

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	6.35 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	63 (25/38)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	3
Connecting thread	3-117 (4 1/2 REG)
Drill bit net weight, kg	29.50
Drill bit gross weight, kg	31.00

Purpose

The drill bit is designed for drilling soft formations

Recommended Drilling Conditions

Rotation speed	600-40 rpm
Thrust load	3.00-11.00 t (6600-24200 lbs)

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

Design Features

