



9 7/8 R2 UT453

Diameter:	250.8mm (9 7/8")
IADC Code:	123
Design number:	UT453
State standard designation:	M-ЦГН

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	7.90 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	66 (24/42)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	4
Connecting thread	3-152 (6 5/8 REG)
Drill bit net weight, kg	60.00
Drill bit gross weight, kg	61.40

Purpose

The drill bit is designed for drilling soft formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	5.00-14.00 t (11000-30800 lbs)

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

Design Features

