



TRICONE DRILL BIT

5 1/2 T25 (MR50) UT138

Diameter:	139.7mm (5 1/2")
IADC Code:	523CY
Design number:	UT138
State standard designation:	M3-ЦН

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	0.25 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	92 (57/35)
Total number of insert rows (inner/heel row)	11 (8/3)
Number of changeable nozzles	0
Connecting thread	3-76 yk. (-)
Drill bit net weight, kg	7.80
Drill bit gross weight, kg	8.60

Purpose

The drill bit is designed for drilling soft abrasive formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	5.00-11.00 t (11000-24200 lbs)

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

Design Features

