



TRICONE DRILL BIT

5 T25 UT522

Diameter:	127.0mm (5")
IADC Code:	523CY
Design number:	UT522
State standard designation:	M3-ЦН

Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	0.00 mm
Bearing type	Journal bearing
Sealing	None
Total number of inserts (inner/heel row)	79 (45/34)
Total number of insert rows (inner/heel row)	10 (7/3)
Number of changeable nozzles	0
Connecting thread	3-76 yk. (-)
Drill bit net weight, kg	6.30
Drill bit gross weight, kg	7.80

Purpose

The drill bit is designed for drilling soft abrasive formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	4.00-10.00 t (8800-22000 lbs)

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

Design Features

