



DBF

TRICONE DRILL BIT

4 3/4 T25 UT98-1

Diameter:	120.6mm (4 3/4")
IADC Code:	521CY
Design number:	UT98-1
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)	94 (59/35)
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	5.60
Drill bit gross weight, kg	6.10



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

