



DBF

TRICONE DRILL BIT

3 1/2 T25 UT474

Diameter:	88.9mm (3 1/2")
IADC Code:	523CX
Design number:	UT474
State standard designation:	M3-ЦА

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	1.00 mm
Bearing type	Journal bearing
Sealing	None
Total number of inserts (inner/heel row)	71 (34/37)
Total number of insert rows (inner/heel row)	9 (6/3)
Number of changeable nozzles	0
Connecting thread	3-66 (2 3/8 REG)
Drill bit net weight, kg	3.30
Drill bit gross weight, kg	3.80



Purpose

The drill bit is designed for drilling soft abrasive formations

Recommended Drilling Conditions

Rotation speed	100-40 rpm
Thrust load	3.00-8.00 t (6600-17600 lbs)

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

Design Features

Central flushing.

Carbide inserts on the back of the paws.

Carbide inserts on the reverse cone of the cones

