



DBF

TRICONE DRILL BIT

3 T77 UT15

Diameter:	76.0mm (3")
IADC Code:	743CZ
Design number:	UT15
State standard designation:	K-ЦА

Specification

Gradient angle of axle journal	38°
Axle journal offset relative to drill bit axis	0.50 mm
Bearing type	Journal bearing
Sealing	None
Total number of inserts (inner/heel row)	79 (46/33)
Total number of insert rows (inner/heel row)	11 (8/3)
Number of changeable nozzles	0
Connecting thread	3-42 (-)
Drill bit net weight, kg	1.90
Drill bit gross weight, kg	2.40



Purpose

The drill bit is designed for drilling hard formations

Recommended Drilling Conditions

Rotation speed	100-40 rpm
Thrust load	5.00-8.00 t (11000-17600 lbs)

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

Design Features

