



DBF

TRICONE DRILL BIT

4 1/2 T4 UT13

Diameter:	114.3mm (4 1/2")
IADC Code:	211C
Design number:	UT13
State standard designation:	C-ЦН

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	2.00 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	84 (42/42)
Total number of insert rows (inner/heel row)	8 (5/3)
Number of changeable nozzles	0
Connecting thread	3-66 yk. (-)
Drill bit net weight, kg	5.20
Drill bit gross weight, kg	5.70



Purpose

The drill bit is designed for drilling medium hard formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	4.00-9.00 t (8800-19800 lbs)

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

Design Features

Central flushing.

The shirttail and leg entering edge are hardfaced with tungsten carbide

One-sided coating of tooth surfaces with a hard alloy.

