



# 4 1/8 T4 UT71

Diameter:	104.8mm (4 1/8")
IADC Code:	211C
Design number:	UT71
State standard designation:	C-ЦА

## Specification

Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	3.00 mm
Bearing type	Journal bearing
Sealing	None
Total number of inserts (inner/heel row)	67 (31/36)
Total number of insert rows (inner/heel row)	7 (4/3)
Number of changeable nozzles	0
Connecting thread	3-66 (2 3/8 REG)
Drill bit net weight, kg	4.40
Drill bit gross weight, kg	4.90

## Purpose

The drill bit is designed for drilling medium hard formations

## Recommended Drilling Conditions

Rotation speed	100-40 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. The leg is protected with tungsten carbide inserts

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

