



# 3 7/8 T45 UT436

Diameter:	98.4mm (3 7/8")
IADC Code:	621CX
Design number:	UT436
State standard designation:	T3-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)	76 (47/29)
Total number of insert rows (inner/heel row)	11 (8/3)
Number of changeable nozzles	0
Connecting thread	3-66 yk. (-)
Drill bit net weight, kg	3.60
Drill bit gross weight, kg	4.10

## Purpose

The drill bit is designed for drilling hard abrasive formations

## Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	4.00-8.00 t (8800-17600 lbs)

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

## Design Features

