

# DBF

## TRICONE DRILL BIT

# 19 19/64 T4 UT63

Diameter:	490.0mm (19 19/64")
IADC Code:	213C
Design number:	UT63
State standard designation:	C-ЦБ

### Specification

Gradient angle of axle journal	32°
Axle journal offset relative to drill bit axis	8.00 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	243 (156/87)
Total number of insert rows (inner/heel row)	12 (9/3)
Number of changeable nozzles	1
Connecting thread	3-171 (6 5/8 FH)
Drill bit net weight, kg	300.00
Drill bit gross weight, kg	327.50

### Purpose

The drill bit is designed for drilling medium hard formations

### Recommended Drilling Conditions

Rotation speed	240-80 rpm
Thrust load	17.00-34.00 t (37400-74800 lbs)

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

### Design Features

