



TRICONE DRILL BIT

9 7/8 M70 T486

Diameter:	250.8mm (9 7/8")
IADC Code:	722Y
Design number:	T486
State standard designation:	K-ПГВ

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	0.50 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	176 (119/57)
Total number of insert rows (inner/heel row)	14 (11/3)
Number of changeable nozzles	3
Connecting thread	3-121 yk. (-)
Drill bit net weight, kg	51.50
Drill bit gross weight, kg	53.00



Purpose

The drill bit is designed for drilling hard formations

Recommended Drilling Conditions

Rotation speed	115-60 rpm
Thrust load	11.00-23.00 t (24200-50600 lbs)

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

Design Features

- Shiirttail and leg entering edge are hardfaced with hard alloy
- The leg entering edge is protected with tungsten carbide inserts
- Side and bearing circulation of the bottom hole with a mixture of air and water

