TRICONE DRILL BIT

8 1/2 MC10 T142

Diameter:	**215.9mm (8 1/2")**
IADC Code:	**122C**
Design number:	**T142**
State standard designation:	**М-ПВ**

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)	85 (40/45)
Total number of insert rows (inner/heel row)	8 (5/3)
Number of changeable nozzles	0
Connecting thread	З-117 ук. (-)
Drill bit net weight, kg	32.00
Drill bit gross weight, kg	33.50

Purpose

The drill bit is designed for drilling soft formations

Recommended Drilling Conditions

Rotation speed	115-60 rpm
Thrust load	3.00-13.00 t (6600-28600 lbs)

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

Design Features