



4 1/2 MC50 T17

Diameter:	114.3mm (4 1/2")
IADC Code:	522CY
Design number:	T17
State standard designation:	МЗ-ПН

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)	87 (52/35)
Total number of insert rows (inner/heel row)	10 (7/3)
Number of changeable nozzles	0
Connecting thread	3-66 yk. (-)
Drill bit net weight, kg	4.60
Drill bit gross weight, kg	5.30

Purpose

The drill bit is designed for drilling soft abrasive formations

Recommended Drilling Conditions

Rotation speed	115-60 rpm
Thrust load	2.00-8.00 t (4400-17600 lbs)

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

Design Features

