

Technical Specifications

5 1/2 FS25

Specification	
Gradient angle of axle journal	33°
Axle journal offset relative to drill bit axis	4.80 mm
Bearing type	Journal bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	81 (49/32)
Total number of insert rows (inner/heel row)	11 (8/3)
Number of changeable nozzles	3
Connecting thread	3-76 (2 7/8 REG)

Drill bit net weight, kg 12.00

Drill bit gross weight, kg 12.50

Recommended Drilling Conditions

Rotation speed 150-40 rpm
Thrust load 3.00-8.00 t (6600 - 17600 lbs)

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

Purpose

The drill bit is designed for drilling soft abrasive formations

Design Features



Technical Specifications

5 1/2 T25 (MR50)

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)	92 (57/35)
Total number of insert rows (inner/heel row)	11 (8/3)
Number of changeable nozzles	0
Connecting thread	3-76 ук. (-)



Drill bit net weight, kg 7.80

Drill bit gross weight, kg 8.60

Recommended Drilling Conditions	
Rotation speed	300-40 rpm

Thrust load 5.00-11.00 t (11000 - 24200 lbs)



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

Purpose

The drill bit is designed for drilling soft abrasive formations

Design Features