



FEIN



JMC MAGFORCE 90

Compact magnetic base drill up to 1- 3/8
[36] in[mm]

Smallest and lightest magnetic base drill with
forward/reverse operation on the market. Access hard-to-
reach areas and easily work overhead or vertically.

Product number: 7 273 23 62 09 0

Details

- + Powerful, maintenance-free 10 A [1,200 W] HighPerformance brushless motor.
- + Take on any drilling application with its variable speed and forward/reverse operation.
- + Ratcheting handle allows you to work in even the tightest spaces.
- + German-engineered to be extremely durable, wear-resistant for drilling in tough applications.
- + Workplace Safety: Tilt sensor safety shutoff will shut down the drill in the event it should move or break free from the workpiece.
- + Intuitive operator controls located on the top of the drill motor for maximum visibility.
- + High gear level for clear view of the hole location.
- + Large installation space below the drill spindle with a stroke of 1-13/16 [46] in[mm].
- + Drive shaft combined 1/2 in square and 8 mm hexagonal socket.
- + Integrated handle.
- + "Memory function" speed storage.
- + Storage for 5 mm Allen key directly on the tool.
- + Inner cooling lubrication with included hand pump.
- + Perfectly equipped for any job with our L-BOXX system.

Price includes

- + 1/2 in ratchet
- + 1 coolant pump
- + 1 chip hook
- + 1 centering pin 3-1/4" x 1/4" [82 x 6,35 mm]
- + 1 handle
- + 1 hexagonal socket key with T-grip 5 mm
- + 1/2 in socket wrench extension
- + 1 safety strap
- + 1 centering pin 3-1/8" x 3/16" [80 x 4,75 mm]
- + 1 chip guard
- + 1 Allen key 5 mm
- + 1 plastic carrying case (L-BOXX 238)

Product feature

- + Magnet holding force display
- + Electronic speed setting
- + Speed-controlled tacho electronics
- + Forward/reverse operation
- + Memory function
- + Tilt sensor

Application

Mag base drilling metal up to 1-1/2" dia.

Tapping





Countersinking

++

Performing overhead work

++

Installation work

++

Workshop jobs

++

+ suitable

++ well suitable

Technical data

TECHNICAL DATA

Power consumption

1,200 W

Power output

680 W

Cutter holder

3/4" straight shank

Full load speed

130 - 610 rpm

No load speed

130 - 660 rpm

Carbide cutter max. dia.

1-3/8 [35] in[mm]

HSS cutter max. dia.

1-3/8 [35] in[mm]

Cutter max. drilling depth

1-3/8 [35] in[mm]

Twist drill max. dia.

9/16 [14] in[mm]
in[mm]

Tapping

3/8" (M10)

Max. countersinking dia.

1-1/4 [32] in[mm]

Stroke

1-13/16 [46] in[mm]

Construction height

6-5/8" [169] in[mm]

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Measurement uncertainty of
the measured value KpA

91,5 dB
5 dB

Sound power level LWA
Measurement uncertainty of
the measured value KWA

104,5 dB
5 dB

Peak sound value
LpCpeak
Measurement uncertainty of
the measured value KpCpeak

101,8 dB
5 dB

Vibration value 1 α_{hv} 3-
way
Measurement uncertainty of
the measured value K α

$a_{h,D} = <2,5 \text{ m/s}^2$
1,5 m/s²



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Length	11-7/16" [290] in[mm]
Magnetic holding force	2248 [10,000] lbs[N]
Cable with plug	9.8 [3] ft[m]
Weight	18.74 [8.50] lbs[kg]

Application examples

