



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-toreach 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 additional handle
- 1 hexagonal socket key with T-grip 5 mm

Product feature

- + Magnet holding force display
- + Electronic speed setting
- + Speed-controlled tacho electronics

Application

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

Tapping

- + 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)
- + Forward/reverse operation
- + Memory function
- + Tilt sensor





Countersinking

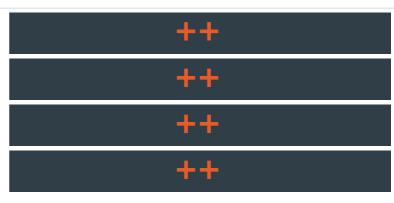
Performing overhead work

Installation work

Workshop jobs

Stroke

Technical data TECHNICAL DATA



+ suitable
 + + well suitable

VIBRATION AND SOUND EMISSION VALUES

Power consumption	1,200 W	Sound pressure level LpA Measurement uncertainty of the measured value KpA	95,3 dB 5 dB
Power output	680 W		
Full load speed	130 - 610 rpm	Sound power level LWA Measurement uncertainty of the measured value KWA	103,3 dB ^{5 dB}
No load speed	130 - 660 rpm	Peak sound value	106,3 dB
Carbide cutter max. dia.	1-3/8 [35] in[mm]	LpCpeak Measurement uncertainty of the measured value KpCpeak	5 dB
HSS cutter max. dia.	1-3/8 [35] in[mm]		
Cutter max. drilling depth	1-3/8 [35] in[mm]	Vibration value 1 α hv 3- way Measurement uncertainty of	ah,D = <2,5 m/s ² 1,5 m/s ²
Twist drill max. dia.	9/16 [14] in[mm] in[mm]	the measured value K $\pmb{\alpha}$	
Tapping	3/8" (M10)		
Max. countersinking dia.	1-1/4 [32] in[mm]		
Reaming max. dia.	in[mm]		
Cutter holder	3/4" straight shank		

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



Minimum clearance	40 mm
Construction height	6-5/8" [169]
Length	11-7/16" [29
Magnetic holding force	2248 [10,000
Cable with plug	10 [3] ft[m]
Weight	18.74 lbs

40 mm	
6-5/8" [169] in[mm]	
11-7/16" [290] in[mm]	
2248 [10,000] lbs[N]	
10 [3] ft[m]	
18.74 lbs	

Application examples

