



FEIN



AJMU 137 PMQW AS

Cordless Universal magnetic base drill up to 1-3/8 [35] in[mm]

Single-speed cordless magnetic drill with universal features. Forward/reverse, double dovetail for extended stroke range and permanent magnet and maximum functionality for mobile work on the construction site.

Product number: 7 170 05 62 09 0

Details

- + Extremely durable cordless mag drill with a FEIN PowerDrive designed for up to 60,000 holes during a 300 h usage period.
- + Lightweight tool that delivers up to 25% more battery life than our competitors. Using CORE 18V 12 Ah battery, up to 48 holes per charge (11/16" diameter on 1/2" mild steel plate).
- + The lightest cordless mag drill in the world at only 26.9 lbs. This drill features forward/reverse, electronic speed control, and 10-1/4" stroke range for maximum flexibility in all applications (drilling, tapping, twist drilling, reaming and countersinking).
- + Intuitive operator controls located on the top of the drill motor for maximum visibility.
- + A Convenient magnetic holding force indicator supports the safe positioning of the tool.
- + Workplace Safety: Tilt sensor safety shutoff will shut down the drill in the event it should move or break free from the workpiece.
- + MK2 tool mount for direct use of industrial tools.
- + Secure position thanks to extra narrow permanent magnet with pre-magnetization for convenient and simple alignment.
- + "Memory function" speed storage.
- + COOLPACK 2.0 technology ensures a 135% longer battery service life, enabling longer operation time.
- + State-of-the-art cell technology and intelligent battery management deliver 87% more power than conventional batteries.
- + CORE 18 V Li-ion battery with Highpower cells, charge indicator and electronic cell protection (ECP). ECP protects batteries against overloading, overheating and deep discharge.
- + * optional using accessory.
- + ** Maximum performance with AMPShare CORE 18 V 8.0 Ah / 12.0 Ah

Price includes

- | | |
|--|---|
| + 1 cordless magnetic core drill | + 1 coolant pump |
| + 1 centering pin dia. 1/4 x 3-9/16 [6.35 x 90] in[mm] | + 1 centering pin dia. 1/4 x 3-1/4 [6.35 x 82] in[mm] |
| + 1 centering pin dia. 1/4 x 4 [6.35 x 100] in[mm] | + 1 safety strap |
| + 1 chip hook | + 1 chip guard |
| + 1 drift | + 1 tool case |

Product feature

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

Application

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





Twist drilling with drill chuck



Twist drilling with MT fitting



Tapping



Countersinking



Reaming



Performing overhead work



Installation work



suitable

well suitable

Technical data

TECHNICAL DATA

Battery voltage

18 V

Battery compatibility

Li-ion / CORE 18 V Li-ions**

Battery interface

18 V AMPShare

Motor

brushless

Full load speed

130 - 520 rpm

Tool mount

MT 2

Carbide cutter max. dia.

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

HSS cutter max. dia.

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

Cutter max. drilling depth

2 [50] (3 [75])* in[mm]

Twist drill max. dia.

3/4 [18] in[mm]

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Measurement uncertainty of
the measured value KpA

82,4 dB
3 dB

Sound power level LWA
Measurement uncertainty of
the measured value KWA

93,4 dB
3 dB

Peak sound value

97,1 dB

LpCpeak

Measurement uncertainty of
the measured value KpCpeak

3 dB

Vibration value 1 α_{hv} 3-
way

Measurement uncertainty of
the measured value K α

$\alpha_{h,D}$ 0,6 m/s²

1,5 m/s²

Tapping	1/2"
Max. countersinking dia.	1-1/4 [31] in[mm]
Reaming max. dia.	3/4 [18] in[mm]
Cutter holder	3/4" straight shank
Cutter change	tool-free
Stroke	5-5/16 [135] in[mm]
Total stroke range	10-1/4 [260] in[mm]
Magnetic holding force	2023 [9,000] lbs[N]
Magnetic base dimensions	7-11/16 [195] x 2-3/4 [70] in[mm]
Weight without battery	26.90 [12.20] lbs[kg]

Application examples



