



AKBC 36 MAGFORCE

Cordless compact magnetic core drill, up to 36 mm

Extremely small and lightweight 1-speed cordless compact magnetic core drill with minimal dimensions for use in confined spaces in the workshop and on the construction site.

Product number: 9 910 00 01 27 4

Details

- + Compact: With a height of only 169 mm, a length of 356 mm and a weight of 8.5 kg, it is ideal for confined working areas – even overhead and vertically.
- + Productive: Up to 25% faster work progress and longer battery life. With an 18 V ProCORE 8.0 Ah battery, up to 35 holes can be drilled per battery charge (HM ULTRA Ø 18 mm, S235 12 mm).
- + Powerful: High-performance brushless motor with electronic speed control – ideal for core, spiral, thread and countersink drilling.
- + Very safe: Permanent magnet with 8,000 N holding force, LED display for magnetic holding force and drilling pressure, and tilt sensor with automatic motor stop.
- + Maintenance-free spindle feed ensures high concentricity.
- + Fine adjustment of the permanent magnet for precise alignment at the drilling point.
- + Can be used in thin sheet metal from 6 mm material thickness with reduced magnetic holding force.
- + High gearbox positioning for optimum view of the drilling point.
- + Drive shaft combines a 1/2-inch square drive and an 8 mm hex socket.
- + 1/2 in adapter with SW19 hexagon for activating the magnet in tight or deep installation positions with open-end, box-end or socket wrenches.
- + Compatible with Bosch Professional 18 V batteries since 2008 as well as with AMPShare and EXPERT batteries (8.0 Ah).

Price includes

- | | |
|--|------------------------------------|
| + 1 cordless magnetic core drill | + 1 x 1/2" ratchet |
| + 1 adapter 1/2 in with SW19 hexagon | + 1 x coolant pump |
| + 1 lashing strap | + 1 chip hook |
| + 1 x 82 mm centring pin | + 1 Chip grid |
| + 1 additional handle | + 1 x 5 mm hexagon socket wrench |
| + 1 x 5 mm hexagon socket wrench with T-handle | + 1 plastic tool case (L-BOXX 238) |

Product feature

- | | |
|--|---------------------------|
| + Magnetic holding force display | + Reversible rotation |
| + Variable speed control | + Memory function |
| + Integrated carrying handle | + Power display (battery) |
| + Speed-controlled electronics (tacho) | + Tilt sensor |

Application





Core drilling in metal with a Ø up to 35 mm

Tapping

Countersinking

Working overhead

Installation work

Workshop jobs

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+ suitable

++ well suitable

Technical data

TECHNICAL DATA

Battery voltage

18 V

Core drill holder

3/4 in Weldon

Battery compatibility

Li-Ionen / ProCORE Li-Ionen / EXPERT EXBA

Battery interface

18 V AMPShare

Motor

brushless

Speed, full load

165 - 610 rpm

Speed, no load

165 - 660 rpm

Carbide cutter max. dia.

36 mm

HSS core drill max. Ø

36 mm

Core drill, drilling depth max.

35 mm

Twist drill max. Ø

16 mm

Sound pressure level LpA
Uncertainty of measured value
KpA

80,7 dB
3 dB

Sound power level LWA
Uncertainty of measured value
KWA

93,7 dB
3 dB

Sound peak value
LpCpeak
Uncertainty of measured value
KpCpeak

94,7 dB
3 dB

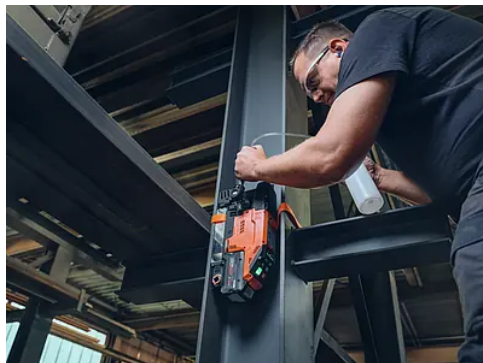
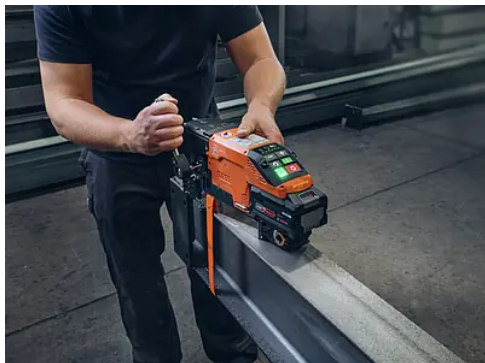
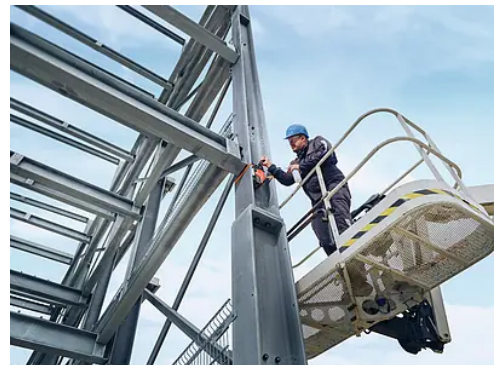
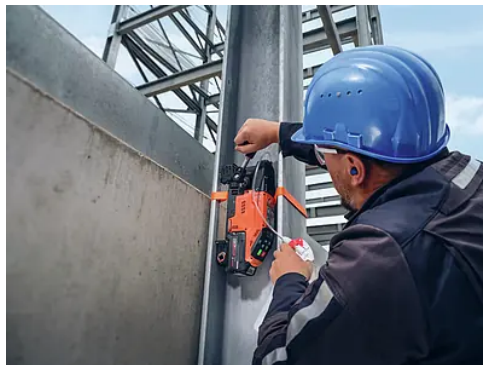
Vibration value 1 α_{hv} 3-way
Uncertainty of measured value
K α

0,9 m/s²
1,5 m/s²

VIBRATION AND SOUND EMISSION VALUES

Tapping	M 12
Countersinking max. Ø	32 mm
Width across corners	40 mm
Height	169 mm
Length	356 mm
Stroke	46 mm
Magnetic holding power	8,000 N
Magnetic foot dimensions	179 x 70 mm
Weight without storage battery	8.50 kg

Application examples





FEIN

