

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.

Part number: 9 910 00 01 27 4

FEIN benefits

- 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).

Supplied

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

Features

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

Application

Core drilling in metal with a Ø up to 35 mm	★★
Tapping	★★
Countersinking	★★
Working overhead	★★
Installation work	★★
Workshop jobs	★★

★ suitability
★★ optimal suitability

Technical data

GENERAL 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
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

VIBRATION AND NOISE EMISSION VALUES

Sound pressure level LpA	80,7 dB
Uncertainty of measured value KpA	3 dB
Sound power level LWA	93,7 dB
Uncertainty of measured value KWA	3 dB
Sound peak value LpCpeak	94,7 dB
Uncertainty of measured value KpCpeak	3 dB
Vibration value 1 αhv 3-way	0,9 m/s²
Uncertainty of measured value Kα	1,5 m/s²

Examples of use













