

AKBU 35 PMQW AS

Cordless universal magnetic core drill for up to 35 mm

Small and powerful single-speed cordless universal magnetic core drill with forward/reverse running, MT2 tool mounting, permanent magnet and maximum functionality for mobile working on the construction site.

Part number: 7 170 04 61 00 0



FEIN benefits

- > Extremely wear-resistant and durable tool concept thanks to brushless motor as well as high material quality and workmanship. Designed for up to 60,000 holes during a 300 h usage period.
- > Small and light tool with increased work progress of up to 25%, offering unique productivity and battery life compared with the competition. Using 18 V 12 Ah AMPShare ProCORE batteries, up to 48 holes can be drilled per battery charge (carbide core drill bit, diameter 18 mm, S235 12 mm).
- > Weighing 12.2 kg, it's the lightest cordless universal core drill in the world. Maximum flexibility for all mobile drilling work, such as core drilling, twist drilling, tapping, countersinking and reaming thanks to forward/reverse running, electronic speed setting and a 260 mm stroke range.
- > Intuitive operating concept avoids mix-ups and can be clearly seen by the user.
- > Convenient magnetic holding force display helps the user to reliably position the tool.
- > Tilt sensor stops the drill motor when the tool slips or tilts.
- > MT2 tool mounting for direct use of industrial tools.
- > Secure positioning thanks to extra narrow permanent magnet with magnetic bias for convenient and simple alignment.
- > Speed saving "memory function".
- > Compatible with Bosch Professional 18 V batteries (available since 2008) and AMPShare batteries.
- > COOLPACK 2.0 technology delivers a 135% longer battery life and therefore makes longer operating times possible.
- > State-of-the-art cell technology and intelligent battery management deliver 87% more power than with conventional batteries.
- > ProCORE Li-Ion battery with high-power cells, charge status indicator and "Electronic Cell Protection" (ECP). ECP protects against overload, overheating and total discharge.
- > * Also available with accessories.
- > ** Outstanding performance with AMPShare ProCore 18 V 8.0 Ah / 12.0 Ah

Supplied

- ✓ 1 cordless magnetic core drill
- ✓ 1 swarf hook
- ✓ 1 drift key
- ✓ 1 x coolant pump
- ✓ 1 centring pin 100 mm
- ✓ 1 plastic carrying case
- ✓ 1 lashing strap
- ✓ 1 contact guard

Features

- ✓ Magnetic holding force display
- ✓ Memory function
- ✓ Reversible rotation
- ✓ Speed-controlled electronics (tacho)
- ✓ Variable speed control
- ✓ Tilt sensor

Application

Core drilling in metal with a Ø up to 35 mm



Twist drills with drill chuck (DIN 338)



Twist drills with MK fitting (DIN 345)



Tapping



Countersinking



Reaming



Working overhead



Installation work



Workshop jobs



★ suitability

★★ optimal suitability

Technical data

GENERAL TECHNICAL DATA

VIBRATION AND NOISE EMISSION VALUES

Battery voltage	18 V	Sound pressure level LpA	81,6 dB
Core drill holder	3/4 in Weldon	Uncertainty of measured value KpA	5 dB
Battery compatibility	Li-ion / ProCORE Li-ion**	Sound power level LWA	94,6 dB
Battery interface	18 V AMPShare	Uncertainty of measured value KWA	5 dB
Motor	brushless	Sound peak value LpCpeak	96,2 dB
Speed, full load	130 - 520 rpm	Uncertainty of measured value KpCpeak	5 dB
Tool Holder	MT 2	Vibration value 1 dhv 3-way	ah,D 0,6 m/s ²
tec_hm_kernbohrer_max_d_mm_global	35 mm	Uncertainty of measured value Ka	1,5 m/s ²
HSS core drill max. Ø	35 mm		
Core drill, drilling depth max.	50(75)* mm		
Twist drill max. Ø	18 mm		
Tapping	M 14		
Countersinking max. Ø	30 mm		
Reaming max. Ø	18 mm		
Changing the core bit	tool-free		
Stroke	135 mm		
Total stroke range	260 mm		
Magnetic holding power	9,000 N		
Magnetic foot dimensions	195 x 70 mm		
Weight without storage battery	12.20 kg		

Examples of use





Powered by  **BOSCH**

**Kompatibel mit
AMPShare- / Bosch
Professional 18 V
Akkus.** | Compatible
with AMPShare/Bosch

Professional 18 V batteries. | Compatible avec
les batteries 18 V AMPShare/Bosch Professional. |
Compatible con baterías AMPShare/Bosch
Professional de 18 V. | Compatible con le batterie
AMPShare / Bosch Professional da 18 V.