

# 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.

Product number: 7 170 04 61 00 0

## Details

- 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

## Price includes

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

## Product feature

- Magnetic holding force display
- Variable speed control
- Speed-controlled electronics (tacho)
- Reversible rotation
- Memory function
- 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 | ++ |

+ suitable
++ well suitable

## Technical data

### TECHNICAL DATA

| | |
|---|---|
| Battery voltage | 18 V |
| Battery compatibility | Li-ion / ProCORE Li-ion** |
| Battery interface | 18 V AMPShare |
| Motor | brushless |
| Speed, full load | 130 - 520 rpm |
| Tool Holder | MT 2 |
| Carbide core drill bit max. Ø | 35 mm |
| HSS core drill max. Ø | 35 mm |

### VIBRATION AND SOUND EMISSION VALUES

| | |
|---|---|
| Sound pressure level LpA<br>Uncertainty of measured value KpA | 82,4 dB<br>3 dB |
| Sound power level LWA<br>Uncertainty of measured value KWA | 93,4 dB<br>3 dB |
| Sound peak value LpCpeak<br>Uncertainty of measured value KpCpeak | 97,1 dB<br>3 dB |
| Vibration value 1 αhv 3-way<br>Uncertainty of measured value Kα | αh,D 0,6 m/s²<br>1,5 m/s² |

| | |
|---|---|
| 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 |
| Core drill holder | 3/4 in Weldon |
| 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 |

## Application examples











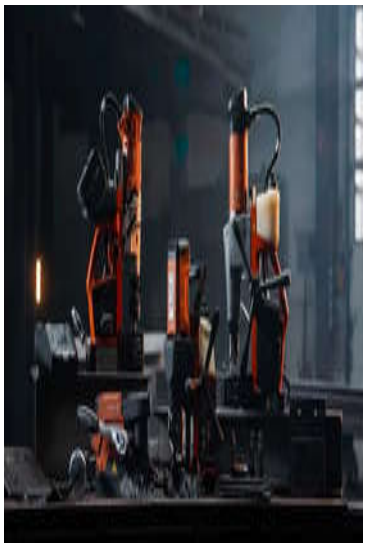


**Kompatibel mit AMPShare-/ Bosch Professional 18 V Akkus.** | Compatible with AMPShare/Bosch Professional 18 V batteries. | Compatible avec les batteries 18 V AMPShare/Bosch Professional. | Compatible con baterías AMPShare/Bosch Professional de 18 V. | Compatibile con le batterie AMPShare / Bosch Professional da 18 V.