



# AKBU 35 PMQW 18 V AS CONSTRUCTION SITE 2x 8 Ah set 3/4 in Weldon / HSS NOVA 50

Cordless universal magnetic core drill for up to 35 mm with user set

AKBU 35 PMQW 18 V / 8 Ah AS, an extremely versatile cordless core drill coupled with extensive HSS core drilling accessories and HSS cobalt 5% twist drilling accessories. Perfect for steel and bridge construction.

Product number: 7 170 04 66 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 8 Ah AMPShare ProCORE batteries, up to 31 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.
- + 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-lon battery with high-power cells, charge status indicator and "Electronic Cell Protection" (ECP). ECP protects against overload, overheating and total discharge.
- + HSS NOVA 50 core drill bit: Extremely resistant to shock and impact, perfectly designed for tough use in steel construction and installation work. Thanks to its tough cutting edges and outstanding HSS steel with a hardness of 64 HRC, the core drill bit also delivers an impressively long service life.
- → HSS cobalt 5% twist drill set: HSS cobalt alloy twist drills, diameter 2 / 3 / 4 / 5 / 6 / 8 mm. Particularly suitable for working with stainless and alloyed steels.
- → SUPRA SK quick-clamp drill chuck: metal quickclamping drill chuck with a clamping range of 1– 13 mm. Simple, rapid and tool-free clamping for maximum convenience. Automatically selftightening clamping jaws for precisely axial drilling tool concentricity.
- + L-BOXX system: Keep things stowed clearly, tidily and safely. Thanks to the tray for small



parts, there is room for all accessories and the L-BOXXs can also be joined together and stacked with ease.

- + \* 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 GAL18 V-160 AS rapid charger
- + 1 set of twist drills, 6 parts
- + 1 HSS twist drill, 35 mm cutting depth (diameter 10 mm)
- + 2 x 100 mm centring pins
- + 1 L-BOXX 136 for accessories

- + 1 x coolant pump
- + 1 swarf hook
- + 1 contact guard
- + 2 ProCORE 18 V / 8.0 Ah Li-Ion batteries
- + 1 plastic carrying case
- + 1 SUPRA-SK quick-clamp drill chuck, 1–13 mm with 3/4 in Weldon
- + 6 HSS NOVA 50 core drill bits, 50 mm cutting depth (diameter 12 / 14 / 16 / 18 / 20 / 22 mm)
- + 1 cutting paste

#### 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

#### Technical data

### TECHNICAL DATA

18 V Battery voltage Battery compatibility Li-ion / ProCORE Liion\*\* 18 V AMPShare Battery interface Motor brushless Speed, full load 130 - 520 rpm Tool Holder MT 2 Carbide core drill bit max. 35 mm Ø HSS core drill max. Ø 35 mm Core drill, drilling depth 50(75)\* mm max. Twist drill max. Ø 18 mm M 14 **Tapping** Countersinking max. Ø 30 mm

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++
+ suitable
++ well suitable

# VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA

Sound power level LWA Uncertainty of measured value KWA

Sound peak value LpCpeak Uncertainty of measured value KpCpeak

Vibration value 1  $\alpha$ hv 3-way Uncertainty of measured value K $\alpha$ 

82,4 dB 3 dB

93,4 dB 3 dB

97,1 dB

3 dB

 $\alpha$ h,D 0,6 m/s<sup>2</sup>

 $1,5 \text{ m/s}^2$ 



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

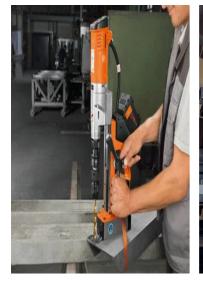
Magnetic holding power 9,000 N

Magnetic foot 195 x 70 mm dimensions

Weight without storage battery

12.20 kg

# Application examples















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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.