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AKBU 35 PMQW AS CONSTRUCTION SITE set 3/4 in Weldon / HSS NOVA 50

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

AKBU 35 PMQW 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 62 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.
- + 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 quick-clamping drill chuck with a clamping range of 1–13 mm. Simple, rapid and tool-free clamping for maximum convenience. Automatically self-tightening 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 x coolant pump |
| + 1 lashing strap | + 1 swarf hook |
| + 1 centring pin 100 mm | + 1 contact guard |
| + 1 drift key | + 1 plastic carrying case |
| + 1 set of twist drills, 6 parts | + 1 SUPRA-SK quick-clamp drill chuck, 1–13 mm with 3/4 in Weldon |
| + 1 HSS twist drill, 35 mm cutting depth (diameter 10 mm) | + 6 HSS NOVA 50 core drill bits, 50 mm cutting depth (diameter 12 / 14 / 16 / 18 / 20 / 22 mm) |
| + 2 x 100 mm centring pins | + 1 cutting paste |
| + 1 L-BOXX 136 for accessories | |

Product feature

- + Magnetic holding force display
- + Reversible rotation



- + Variable speed control
- + Speed-controlled electronics (tacho)

- + Memory function
- + Tilt sensor

Application



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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
Uncertainty of measured value
KpA

82,4 dB
3 dB

Sound power level LWA
Uncertainty of measured value
KWA

93,4 dB
3 dB

Sound peak value
LpCpeak
Uncertainty of measured value
KpCpeak

97,1 dB
3 dB

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

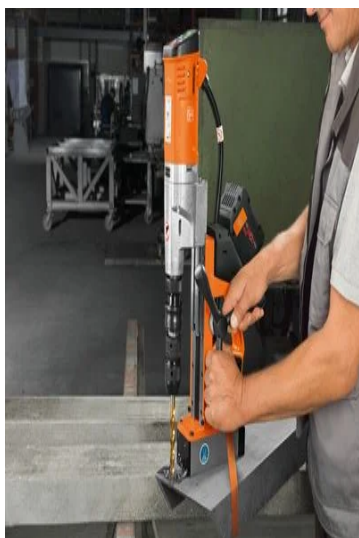
$\alpha_{h,D}$ 0,6 m/s²
1,5 m/s²



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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





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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. | Compatibile con le batterie
AMPSHare / Bosch Professional da 18 V.