



# AKBU 35 PMQW 18 V AS CONSTRUCTION SITE 1x 12 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 / 12 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 65 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.
- + 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.
- + 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 lashing strap
- + 1 centring pin 100 mm
- + 1 drift key
- + 1 ProCORE 18 V / 12.0 Ah Li-Ion battery
- + 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
- + 1 plastic carrying case
- + 1 x GAL18 V-160 AS rapid charger
- + 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

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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
Core drill, drilling depth max.	50(75)* mm
Twist drill max. Ø	18 mm
Tapping	M 14
Countersinking max. Ø	30 mm

### VIBRATION AND SOUND EMISSION VALUES

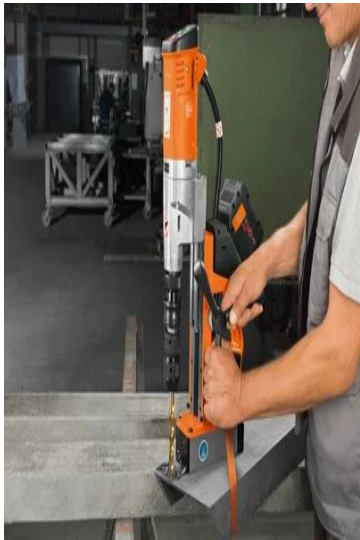
Sound pressure level LpA Uncertainty of measured value KpA	82,4 dB 3 dB
Sound power level LWA Uncertainty of measured value KWA	93,4 dB 3 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	97,1 dB 3 dB
Vibration value 1 $\alpha_{hv}$ 3-way Uncertainty of measured value $K\alpha$	$\alpha_{h,D}$ 0,6 m/s <sup>2</sup> 1,5 m/s <sup>2</sup>



# FEIN

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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AMPSHARE- / Bosch  
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Compatible con baterías AMPSHARE/Bosch  
Professional de 18 V. | Compatibile con le batterie  
AMPSHARE / Bosch Professional da 18 V.