



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.

Part number: 7 170 04 65 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.
- > 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

Supplied

- ✓ 1 cordless magnetic core drill
- ✓ 1 swarf hook
- ✓ 1 drift key
- ✓ 1 x GAL18 V-160 AS rapid charger
- ✓ 1 HSS twist drill, 35 mm cutting depth (diameter 10 mm)
- ✓ 1 cutting paste
- ✓ 1 x coolant pump
- ✓ 1 centring pin 100 mm
- ✓ 1 plastic carrying case
- ✓ 1 set of twist drills, 6 parts
- ✓ 6 HSS NOVA 50 core drill bits, 50 mm cutting depth (diameter 12 / 14 / 16 / 18 / 20 / 22 mm)
- ✓ 1 L-BOXX 136 for accessories
- ✓ 1 lashing strap
- ✓ 1 contact guard
- ✓ 1 ProCORE 18 V / 12.0 Ah Li-Ion battery
- ✓ 1 SUPRA-SK quick-clamp drill chuck, 1–13 mm with 3/4 in Weldon
- ✓ 2 x 100 mm centring pins

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 \varnothing 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.