



FEIN



KBM 50 auto

Metal core drilling unit up to 50 mm

Lightweight, powerful and ingenious 2-speed auto magnetic core drill offering maximum efficiency and minimum physical strain for core drilling in the workshop and on the construction site.

Product number: 7 270 42 61 00 0

Details

- + Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- + Saves time and money when producing a large number of holes thanks to the digitally controlled drill feed.
- + With clockwise/anti-clockwise operation, electronic speed setting and a 315 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.
- + Thanks to reproducible and timed drilling times, working hours for commissioned and serial work can be planned.
- + MT3 tool mounting.
- + FEIN high-power motor with stable speed.
- + Simple operating concept avoids mix-ups and can be clearly seen by the user.
- + High magnetic holding force.
- + Convenient magnetic holding force display helps the user to reliably position the tool.
- + Integrated coolant tank delivers long core drill bit lives.
- + Tilt sensor.
- + Speed saving "memory function".
- + Personal safety switch.
- + * Also available with accessories.
- + ** In manual tool mode only

Price includes

- + 1 coolant tank
- + 1 swarf hook
- + 1 drift key
- + 1 case
- + 1 lashing strap
- + 1 centering pin
- + 1 contact guard

Product feature

- + Electronic magnetic holding force
- + Automatic drill feed
- + Variable speed control
- + Speed-controlled electronics (tacho)
- + Magnetic holding force display
- + Reversible rotation
- + Memory function
- + Tilt sensor

Application

Core drilling in metal with a Ø up to 35 mm

Core drilling in metal with a Ø up to 50 mm

Twist drills with drill chuck (DIN 338)

++

++

+

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Twist drills with MK fitting (DIN 345)

Tapping

++

Countersinking

++

Reaming

++

Fully-automatic drilling

++

Working overhead

+

Installation work

++

Workshop jobs

++

+ suitable

++ well suitable

Technical data

TECHNICAL DATA

Input

1,200 W

Output

610 W

Speed, full load

rpm

Load speed in speed 1

130 - 260 rpm

Load speed in speed 2

260 - 520 rpm

Speed, no load

rpm

Tool Holder

MK 3

Carbide core drill bit max.
Ø

50 mm

HSS core drill max. Ø

40 mm

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Uncertainty of measured value
KpA

82,1 dB
5 dB

Sound power level LWA
Uncertainty of measured value
KWA

93,1 dB
5 dB

Sound peak value
LpCpeak
Uncertainty of measured value
KpCpeak

96,2 dB
5 dB

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

< 2,5 m/s²
1,5 m/s²



Core drill, drilling depth max.	50(75)* mm mm
Twist drill max. Ø	18/23** mm mm
Tapping	M 16**
Countersinking max. Ø	50** mm mm
Reaming max. Ø	23** mm mm
Core drill holder	QuickIN
Changing the core bit	tool-free
Stroke	145 mm
Total stroke range	315 mm
Cable with plug	4 m

Application examples

