



## KBM 50 U

Metal core drilling unit up to 50 mm

Lightweight and powerful 2-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT3 tool mounting and maximum functionality for flexible working in the workshop and on the construction site.

Part number: 7 270 40 61 00 0

### FEIN benefits

- > Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- > Perfect power-to-weight ratio thanks to compact, weight-optimised design and FEIN 1,200 W high-power motor with tacho electronics for high speed stability for reliable and economical working.
- > 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.
- > MT3 tool mounting.
- > Simple operating concept avoids mix-ups and can be clearly seen by the user.
- > Convenient magnetic holding force display helps the user to reliably position the tool.
- > High magnetic holding force.
- > Integrated coolant tank delivers long core drill bit lives.
- > Feed handwheel can be moved from one side to the other.
- > Speed saving "memory function".
- > Personal safety switch.
- > \* Also available with accessories.

### Supplied

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

## Features

- ✓ Electronic magnetic holding force
- ✓ Variable speed control
- ✓ Magnetic holding force display
- ✓ Memory function
- ✓ Reversible rotation
- ✓ Speed-controlled electronics (tacho)

## 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)	★
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

Input	1,200 W	Sound pressure level LpA	82,1 dB
Output	610 W	Uncertainty of measured value KpA	5 dB
Core drill holder	QuickIN	Sound power level LWA	95,1 dB
Load speed in speed 2	260 - 520 rpm	Uncertainty of measured value KWA	5 dB
Tool Holder	MK 3	Sound peak value LpCpeak	96,2 dB
tec_hm_kernbohrer_max_d_mm_global	50 mm	Uncertainty of measured value KpCpeak	5 dB
HSS core drill max. Ø	40 mm	Vibration value 1 dhv 3-way	< 2,5 m/s <sup>2</sup>
Core drill, drilling depth max.	50(75)* mm	Uncertainty of measured value Kα	1,5 m/s <sup>2</sup>
Twist drill max. Ø	23 mm		
Tapping	M 16		
Countersinking max. Ø	50 mm		
Reaming max. Ø	23 mm		
Changing the core bit	tool-free		
Stroke	145 mm		
Total stroke range	315 mm		
Magnetic foot dimensions	195 x 90 mm		
Cable with plug	4 m		
Weight according to EPTA	14.00 kg		

Examples of use

