

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.

Product number: 7 270 40 61 00 0

Details

- > 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 tachometer 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.
- > High magnetic holding force.
- > Integrated coolant tank.
- > Feed handwheel can be moved from one side to the other.
- > Speed saving "memory function".
- > Personal safety switch.
- > * Also available with accessories.

Price includes

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

Product feature

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



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 one-handed



Working overhead



Installation work



Workshop jobs



★ suitable

★★ well suitable



Technical data

TECHNICAL DATA

Input	1,200 W
Output	610 W
Load speed in speed 1	130 - 260 rpm
Load speed in speed 2	260 - 520 rpm
Tool Holder	MK 3
Carbide core drill bit max. Ø	50 mm
HSS core drill max. Ø	40 mm
Core drill, drilling depth max.	50(75)* mm
Twist drill max. Ø	23 mm
Tapping	M 16
Countersinking max. Ø	50 mm
Reaming max. Ø	23 mm
Core drill holder	QuickIN
Changing the core bit	tool-free
Stroke	145 mm
Total stroke range	315 mm
Magnetic holding power	12,500 N
Magnetic foot dimensions	195 x 90 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 dB 3 dB
Vibration value 1 α_{hv} 3-way Uncertainty of measured value K α	< 2,5 m/s ² 1,5 m/s ²



FEIN

Cable with plug

4 m

Weight according to
EPTA

13.90 kg

Application examples