



KBM 65 U

Metal core drilling unit up to 65 mm

Powerful and very high-performance 2-speed universal magnetic core drill with clockwise/anti-clockwise operation, MT3 tool mounting, fine adjustment and maximum functionality for flexible working in the workshop.

Part number: 7 270 43 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 1,300 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.
- > Fine adjustment of the drill spindle for convenient tool alignment.
- > 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	★★
Core drilling in metal with a Ø up to 65 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	1,300 W	Sound pressure level LpA	81,6 dB
Output	730 W	Uncertainty of measured value KpA	5 dB
Core drill holder	QuickIN	Sound power level LWA	94,6 dB
Load speed in speed 2	260 - 520 rpm	Uncertainty of measured value KWA	5 dB
Tool Holder	MK 3	Sound peak value LpCpeak	95,2 dB
tec_hm_kernbohrer_max_d_mm_global	65 mm	Uncertainty of measured value KpCpeak	5 dB
HSS core drill max. Ø	45 mm	Vibration value 1 ahv 3-way	< 2,5 m/s ²
Core drill, drilling depth max.	50(75)* mm	Uncertainty of measured value Ka	1,5 m/s ²
Twist drill max. Ø	25/ mm		
Tapping	M 20		
Countersinking max. Ø	50 mm		
Reaming max. Ø	25 mm		
Changing the core bit	tool-free		
Stroke	145 mm		
Total stroke range	315 mm		
Adjustment range for drill jigs	6 mm		
Swivel range for drill jigs	7°		
Magnetic holding power	14,000 N		
Magnetic foot dimensions	205 x 95 mm		
Cable with plug	4 m		
Weight according to EPTA	15.70 kg		

Examples of use

