



## **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.

Product number: 7 270 43 61 24 1

## 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 1,300 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.

## Price includes

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

## Product feature

- + Electronic magnetic holding force
- + Reversible rotation
- + Memory function
- + Magnetic holding force display
- + Variable speed control
- + 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

++

+ suitable

++ well suitable

## Technical data

### TECHNICAL DATA

Input	1,300 W
Output	730 W
Load speed in speed 1	120 - 240 rpm
Load speed in speed 2	260 - 520 rpm
Tool Holder	MK 3
Carbide core drill bit max. Ø	65 mm
HSS core drill max. Ø	45 mm
Core drill, drilling depth max.	50(75)* mm
Twist drill max. Ø	25/ mm
Tapping	M 20

### VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA	81,6 dB 5 dB
Sound power level LWA Uncertainty of measured value KWA	92,6 dB 5 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	95,2 dB 5 dB
Vibration value 1 $\alpha_{hv}$ 3-way Uncertainty of measured value K $\alpha$	< 2,5 m/s <sup>2</sup> 1,5 m/s <sup>2</sup>

Countersinking max. Ø	50 mm
Reaming max. Ø	25 mm
Core drill holder	3/4 in Weldon
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°
Cable with plug	4 m

### Application examples

