



## 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

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Core drilling in metal with a Ø up to 50 mm

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Core drilling in metal with a Ø up to 65 mm

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Twist drills with drill chuck (DIN 338)

+



Twist drills with MK fitting (DIN 345)

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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

95,2 dB

LpCpeak  
Uncertainty of measured value  
KpCpeak

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

