



# **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 swivelmounted 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)

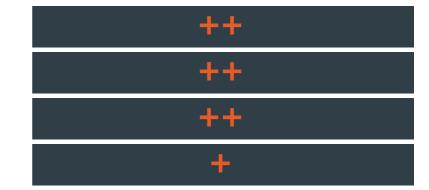
### **Application**

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

### Technical data

### TECHNICAL DATA

Input	1,300 W	Sound pressure level LpA Uncertainty of measured value KpA	81,6 dB 5 dB
Output	730 W		
Load speed in speed 1	120 - 240 rpm	Sound power level LWA Uncertainty of measured value KWA	92,6 dB 5 dB
Load speed in speed 2	260 - 520 rpm	Sound peak value	95,2 dB
Tool Holder	MK 3	LpCpeak Uncertainty of measured value KpCpeak  Vibration value 1 αhv 3- way Uncertainty of measured value Κα	5 dB
Carbide core drill bit max.	65 mm		< 2,5 m/s²
HSS core drill max. Ø	45 mm		1,5 m/s²
Core drill, drilling depth max.	50(75)* mm		
Twist drill max. Ø	25/ mm		
Tapping	M 20		

# VIBRATION AND SOUND EMISSION VALUES

++ well suitable



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



