



# 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 00 0



#### 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

#### Product feature

- + Electronic magnetic holding force
- + Reversible rotation
- + Memory function

- + 1 lashing strap
- + 1 centering pin
- + 1 drift key
- + Magnetic holding force display
- + Variable speed control
- + Speed-controlled electronics (tacho)

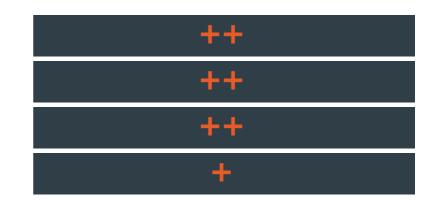
### Application

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

Tapping

# Technical data **TECHNICAL DATA**

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+ suitable + + well suitable

## **VIBRATION AND SOUND EMISSION** VALUES

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	МК 3	LpCpeak Uncertainty of measured value KpCpeak	5 dB
Carbide core drill bit max. Ø	65 mm	Vibration value 1 $\alpha$ hv 3-	< 2,5 m/s²
HSS core drill max. Ø	45 mm	Way Uncertainty of measured value Kα	1,5 m/s²
Core drill, drilling depth max.	50(75)* mm		
Twist drill max. Ø	25/ mm		

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Countersinking max. Ø	50 mm
Reaming max. Ø	25 mm
Core drill holder	QuickIN
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



