

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 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.
- > High magnetic holding force.
- > Integrated coolant tank.
- > 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 centering pin
- ✓ 1 case
- ✓ 1 lashing strap
- ✓ 1 contact guard
- ✓ 1 swarf hook
- ✓ 1 drift key

Product feature

- ✓ 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 one-handed



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 |
| 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° |

VIBRATION AND SOUND EMISSION VALUES

| | |
|---|--|
| Sound pressure level LpA Uncertainty of measured value KpA | 82,4 dB 3 dB |
| Sound power level LWA Uncertainty of measured value KWA | 93,4 dB 3 dB |
| Sound peak value LpCpeak Uncertainty of measured value KpCpeak | 97 dB 3 dB |
| Vibration value 1 α_{hv} 3-way Uncertainty of measured value K α | < 2,5 m/s ² 1,5 m/s ² |



Magnetic holding power 14,000 N

Magnetic foot dimensions 205 x 95 mm

Cable with plug 4 m

Weight according to EPTA 16.10 kg

Application examples