



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 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

Core drill holder

QuickIN

Tool Holder

MK 3

tec_hm_kernbohrer_max_d

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

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

94,6 dB
5 dB

Sound peak value

95,2 dB

LpCpeak

Uncertainty of measured value
KpCpeak

5 dB

Vibration value 1 α_{hv} 3-
way
Uncertainty of measured value
K α

< 2,5 m/s²

1,5 m/s²



FEIN

Reaming max. Ø	25 mm
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°
Magnetic holding power	14,000 N
Magnetic foot dimensions	205 x 95 mm
Cable with plug	4 m
Weight according to EPTA	15.70 kg

Application examples

