



KBU 110-4 M

Universal magnetic core drill for up to 110 mm

High-performance and powerful 4-speed universal magnetic core drill with forward/reverse running, MT4 tool mounting and maximum functionality for the toughest drilling jobs in the workshop.

Product number: 7 270 60 61 00 0

Details

- + FEIN 1700 W high-power motor with high torque for heavy-duty drilling work.
- + For tough use thanks to outstanding quality of workmanship and swivel-mounted motor cable protective hose.
- + Tool with extra large stroke range for all drilling work, such as core, twist and tap drilling, countersinking and reaming.
- + Mechanical 4-speed gearbox.
- + High magnetic holding force.
- + Torque support for high stability.
- + Tilt sensor.
- + Slipping clutch torque.
- + Convenient magnetic holding force display helps the user to reliably position the tool.
- + Speed reduction.
- + Reversible.
- + MT4 tool mounting.
- + Integrated coolant tank delivers long core drill bit lives.
- + Personal safety switch.

Price includes

- + 1 coolant tank
- + 1 swarf hook
- + 1 contact guard
- + 2 x 5 and 6 mm hexagon socket wrench
- + 1 case
- + 1 safety strap with ratchet
- + 2 centring pins, diameter of 6.35 x 125 mm and diameter of 7.98 x 184 mm
- + 1 drift key
- + 1 additional handle

Product feature

- + Magnetic holding force display
- + Variable speed control
- + Tilt sensor
- + Reversible rotation
- + Torque slipping clutch

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
- Core drilling in metal with a Ø up to 110 mm





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|---|----|
| Twist drills with drill chuck (DIN 338) | ++ |
| Twist drills with MK fitting (DIN 345) | ++ |
| Tapping | ++ |
| Countersinking | ++ |
| Reaming | ++ |
| Working overhead | + |
| Installation work | + |
| Workshop jobs | ++ |

+ suitable
 ++ well suitable

Technical data

TECHNICAL DATA

| | |
|-------------------------|---------------|
| Input | 1,700 W |
| Output | 850 W |
| Load speed in speed 1 | 60 / 120 rpm |
| Load speed in speed 2 | 90 / 170 rpm |
| Load speed in speed 3 | 150 / 300 rpm |
| Load speed in speed 4 | 230 / 430 rpm |
| Idling speed in speed 1 | 100 / 190 rpm |
| Idling speed in speed 2 | 160 / 290 rpm |
| Idling speed in speed 3 | 270 / 500 rpm |
| Idling speed in speed 4 | 420 / 750 rpm |

VIBRATION AND SOUND EMISSION VALUES

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|---|---|
| Sound pressure level LpA Uncertainty of measured value KpA | 86,0 dB 5 dB |
| Sound power level LWA Uncertainty of measured value KWA | 97,0 dB 5 dB |
| Sound peak value LpCpeak Uncertainty of measured value KpCpeak | 98,5 dB 5 dB |
| Vibration value 1 α_{hv} 3-way Uncertainty of measured value K α | ah,D = 1,4 m/s ² 1,5 m/s ² |

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|---------------------------------|-----------|
| Tool Holder | MK 4 |
| Carbide core drill bit max. Ø | 110 mm |
| HSS core drill max. Ø | 80 mm |
| Core drill, drilling depth max. | 100 mm |
| Twist drill max. Ø | 40 mm |
| Tapping | M 36 |
| Countersinking max. Ø | 60 mm |
| Reaming max. Ø | 36 mm |
| Core drill holder | Weldon 32 |
| Stroke | 280 mm |
| Total stroke range | 400 mm |
| Magnetic holding power | 23,000 N |
| Cable with plug | 4 m |
| Weight according to EPTA | 35.00 kg |
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Application examples

