



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

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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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Core drilling in metal with a Ø up to 110 mm

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Twist drills with drill chuck (DIN 338)

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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

1,700 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

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

$a_{h,D} = 1,4 \text{ m/s}^2$
1,5 m/s²



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
Magnetic foot dimensions	240 x 120 mm
Cable with plug	4 m
Weight according to EPTA	35.00 kg

Application examples

