



# **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

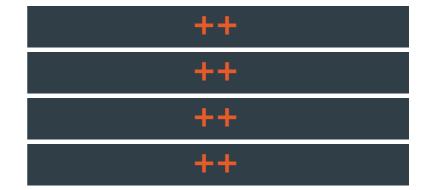
## **Application**

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





Twist drills with drill chuck (DIN 338)

Twist drills with MK fitting (DIN 345)

Tapping

++

Countersinking

++

Working overhead

+

Installation work

Workshop jobs

++

Twist drills with drill chuck (DIN 338)

++

++

Heart drills with drill chuck (DIN 338)

++

+
Heart drills with drill chuck (DIN 338)

++

Heart drills with drill chuck (DIN 338)

++

Working overhead

+
Heart drills with drill chuck (DIN 338)

++

Workshop jobs

suitable

++ well suitable

#### Technical data

### TECHNICAL DATA

1,700 W Input 850 W Output 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 420 / 750 rpm Idling speed in speed 4

# VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA 86.0 dB Uncertainty of measured value 5 dB KpA 97,0 dB Sound power level LWA Uncertainty of measured value 5 dB KWA 98,5 dB Sound peak value LpCpeak 5 dB Uncertainty of measured value **KpCpeak** Vibration value 1  $\alpha$ hv 3 $ah,D = 1,4 \text{ m/s}^2$ way Uncertainty of measured value 1,5 m/s<sup>2</sup>



Tool Holder	MK 4
Carbide core drill bit max.	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











