



# FEIN



## KBC 36 MAGFORCE (110V)

Compact magnetic core drill for up to 36 mm

Extremely small and light single-speed compact magnetic core drill with minimum dimensions for use in tight spaces in the workshop and on the construction site.

Product number: 7 273 23 62 24 1

## Details

- + Extremely small and light for working in tight and difficult-to-reach spots – including vertically and overhead – thanks to height of 169 mm, a length of 290 mm and a weight of 8.5 kg.
- + Extremely low wear and long-life tool design with spindle sleeve feed without clearance for accurate drilling results in tough use in industry and manual trades.
- + Very powerful and maintenance-free brushless 1200 W high-power motor with high speed stability for continuously fast work progress as well as forward / reverse running and electronic speed setting for all drilling applications, such as core drilling, twist drilling and tapping and countersinking.
- + High gearbox positioning for optimum view of the drilling point.
- + Large installation space under the drill spindle with a stroke range of 46 mm.
- + Space-saving operation on both sides with ratchet.
- + Combined drive shaft, 1/2" square and 8 mm hexagon socket.
- + Intuitive 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.
- + Tilt sensor stops the drill motor when the tool slips or tilts.
- + Integrated handle.
- + Speed saving "memory function".
- + Slot for 5 mm hexagon socket wrench on the tool itself.
- + Internal cooling lubrication by means of hand pump.
- + Personal safety switch.
- + Ideally equipped for every job. Mobile working with the L-BOXX system.

## Price includes

- + 1 x 1/2" ratchet
- + 1 x coolant pump
- + 1 swarf hook
- + 1 contact guard
- + 1 x 5 mm hexagon socket wrench
- + 1 plastic tool case (L-BOXX 238)
- + 1 x 1/2" socket wrench extension
- + 1 lashing strap
- + 1 x 82 mm centring pin
- + 1 additional handle
- + 1 x 5 mm hexagon socket wrench with T-handle

## Product feature

- + Magnetic holding force display
- + Variable speed control
- + Speed-controlled electronics (tacho)
- + Reversible rotation
- + Memory function
- + Tilt sensor

## Application



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Core drilling in metal with a Ø up to 35 mm

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Tapping

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Working overhead

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Installation work

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+ suitable

++ well suitable

## Technical data

### TECHNICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Input                           | 1,200 W       |
| Output                          | 680 W         |
| Speed, full load                | 130 - 610 rpm |
| Speed, no load                  | 130 - 660 rpm |
| Carbide core drill bit max. Ø   | 36 mm         |
| HSS core drill max. Ø           | 36 mm         |
| Core drill, drilling depth max. | 35 mm         |
| Twist drill max. Ø              | 16 mm         |
| Tapping                         | M 12          |
| Countersinking max. Ø           | 32 mm         |
| Core drill holder               | 3/4 in Weldon |
| Width across corners            | 40 mm         |
| Height                          | 169 mm        |

### VIBRATION AND SOUND EMISSION VALUES

|   |  |
|---|--|
| Sound pressure level LpA<br>Uncertainty of measured value KpA                     | 95,3 dB<br>5 dB  |
| Sound power level LWA<br>Uncertainty of measured value KWA                        | 103,3 dB<br>5 dB                                       |
| Sound peak value<br>LpCpeak<br>Uncertainty of measured value KpCpeak              | 106,3 dB<br>5 dB                                       |
| Vibration value 1 $\alpha_{hv}$ 3-way<br>Uncertainty of measured value K $\alpha$ | $a_{h,D} = <2,5 \text{ m/s}^2$<br>1,5 m/s <sup>2</sup> |



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Stroke 46 mm

Width across corners 40 mm

Height 169 mm

Magnetic holding power 10,000 N

Cable with plug 3 m

Weight according to EPTA 8.50 kg

## Application examples

