



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

Product feature

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

++

+ 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 Uncertainty of measured value KpA	95,3 dB 5 dB
Sound power level LWA Uncertainty of measured value KWA	103,3 dB 5 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	106,3 dB 5 dB
Vibration value 1 α_{hv} 3-way Uncertainty of measured value K α	$a_{h,D} = <2,5 \text{ m/s}^2$ 1,5 m/s ²



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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

