

KBC 36 MAGFORCE (230V)

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.

Part number: 7 273 23 62 00 0



FEIN benefits

- > 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.

Supplied

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

Features

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

Application

Core drilling in metal with a Ø up to 35 mm



Tapping



Working overhead



Installation work



★ suitability

★★ optimal suitability

Technical data

GENERAL TECHNICAL DATA

VIBRATION AND NOISE EMISSION VALUES

Input	1,200 W	Sound pressure level LpA	91,5 dB
Output	680 W	Uncertainty of measured value KpA	5 dB
Core drill holder	3/4 in Weldon	Sound power level LWA	104,5 dB
Speed, full load	130 - 610 rpm	Uncertainty of measured value KWA	5 dB
Speed, no load	130 - 660 rpm	Sound peak value LpCpeak	101,8 dB
tec_hm_kernbohrer_max_d_mm_global	36 mm	Uncertainty of measured value KpCpeak	5 dB
HSS core drill max. Ø	36 mm	Vibration value 1 dhv 3-way	ah,D = <2,5 m/s ²
Core drill, drilling depth max.	35 mm	Uncertainty of measured value Kα	1,5 m/s ²
Twist drill max. Ø	16 mm		
Tapping	M 12		
Countersinking max. Ø	32 mm		
Width across corners	40 mm		
Height	169 mm		
Length	290 mm		
Stroke	46 mm		
Magnetic holding power	10,000 N		
Cable with plug	3 m		
Weight according to EPTA	8.50 kg		

Examples of use

