



KBC 36 MAGFORCE Machinery-Set 3/4 in Weldon (230V)

Compact magnetic core drill for up to 36 mm

The smallest core drill in the world with forward and reverse running coupled with a large number of tapping accessories. Perfect for the construction of machines and machine tools.

Part number: 7 273 23 63 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.
- > Tapping drill: Ideal for when things get tight. The M6, M8, M10, M12 tapping drills are perfectly suited to through threads in particularly tight spots.
- > Twist drills and countersink bits: With this set you can have everything you need for core drilling and blind holes readily to hand.
- > L-BOXX system: Keep things stowed clearly, tidily and safely. Thanks to the tray for small parts, there is room for all accessories and the L-BOXXs can also be joined together and stacked with ease.

Supplied

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| ✓ 1 magnetic core drill | ✓ 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) |
| ✓ Tapping drills (2 each of M6, M8, M10, M12 (DIN 352 / ISO 13)) | ✓ HSS twist drills, 35 mm cutting depth (1 each of diameter 5.0 / 6.8 / 8.5 / 10.2 mm) | ✓ 4 x HSS 90° countersink bits, diameter 16.5 mm |
| ✓ 1 cutting paste | ✓ 1 L-BOXX 136 for accessories | |

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



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

