

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

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.

Product number: 7 273 23 63 00 0

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.
- 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.

Price includes

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

Product feature

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

Application

Core drilling in metal with a Ø up to 35 mm	++
Working overhead	++
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
Length	290 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 αhv 3-way Uncertainty of measured value Kα	ah,D = <2,5 m/s² 1,5 m/s²

Stroke	46 mm
Height	169 mm
Magnetic holding power	10,000 N
Cable with plug	3 m
Weight according to EPTA	8.50 kg
Weight according to EPTA	8.50 kg

Application examples



