



KBC 36 MAGFORCE Structural Steel-Set 3/4 in Weldon / HSS NOVA 25

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 HSS NOVA 25 core drilling accessories. Perfect for steel and bridge construction.

Part number: 7 273 23 64 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.
- > HSS NOVA 25 core drill bit: Long service life and particularly resistant to shock and impact: thanks to its tough cutting edges and outstanding HSS steel with a hardness of 64 HRC, the core drill bit is perfectly designed for tough use in steel construction and installation work.
- > 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

- | | | |
|--|---|------------------------------------|
| ✓ 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) |
| ✓ HSS twist drills, 35 mm cutting depth (3 each of diameter 10 mm and 12 mm) | ✓ HSS NOVA 25 core drill bits, 25 mm cutting depth (3 each of diameter 14 / 16 / 18 / 20 / 22 mm) | ✓ 2 x 82 mm centring pin |
| ✓ 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

