



JMU 404 M

Universal magnetic core drill up to 4-5/16 [110] in[mm]

High-performance, long-stroke, 4-speed universal magnetic base drill with forward / reverse running, MT4 tool mounting and maximum functionality for heavy drilling work in the workshop.

Product number: 7 270 60 61 09 0

Details

- + FEIN 1,700 W high-performance motor with high torque for heavy drilling work.
- + For tough use, thanks to top-quality workmanship and pivoting motor cable protection sleeve.
- + Machine with extra large stroke for all drilling work, such as mag base and twist drilling, tapping, countersinking and reaming.
- + Mechanical 4-speed gearbox.
- + High magnetic holding force.
- + Torque arm for increased magnetic holding power.
- + Motion sensor.
- + Torque slip clutch.
- + A Convenient magnetic holding force indicator supports the safe positioning of the tool.
- + Electronic speed setting.
- + Reversible.
- + MT4 tool mounting.
- + Integrated coolant tank ensures high core drill tool life.
- + Includes Portable Residual Current Device (PRCD) safety switch.

Price includes

- + 1 magnetic base drill
- + 1 safety strap
- + 1 pilot pin 4 1/8 in (105 mm)
- + 1 drift
- + 1 coolant tank
- + 1 chip hook
- + 1 chip guard
- + 1 case

Product feature

- + Magnet holding force display
- + Electronic speed setting
- + Tilt sensor
- + Forward/reverse operation
- + Torque slip clutch

Application



Mag base drilling metal up to 1-1/2" dia.

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Mag base drilling metal up to 2 in dia.

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Mag base drilling metal up to 2 9/16 in dia.

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Mag base drilling metal up to 4-5/16 [110] in[mm] dia.

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Twist drilling with drill chuck

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Twist drilling with MT fitting

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Tapping

++

Countersinking

++

Reaming

++

Performing overhead work

+

Installation work

+

Workshop jobs

++

+ suitable

++ well suitable

Technical data

TECHNICAL DATA

Power consumption

1,700 W

Power output

850 W

Cutter holder

Weldon 32

Load speed: 2nd gear

90 / 170 rpm

Load speed: 3rd gear

150 / 300 rpm

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Measurement uncertainty of
the measured value KpA

86 dB
5 dB

Sound power level LWA
Measurement uncertainty of
the measured value KWA

99 dB
5 dB

Peak sound value
LpCpeak
Measurement uncertainty of
the measured value KpCpeak

98,5 dB
5 dB



FEIN

Load speed: 4th gear	230 / 430 rpm
No-load speed: 1st gear	100 / 190 rpm
No-load speed: 2nd gear	160 / 290 rpm
No-load speed: 3rd gear	270 / 500 rpm
No-load speed: 4th gear	420 / 750 rpm
Tool mount	MT 4
Carbide cutter max. dia.	4 [101] in[mm]
HSS cutter max. dia.	3 [75] in[mm]
Cutter max. drilling depth	4 [101] in[mm]
Twist drill max. dia.	1-3/8 [35] in[mm]
Tapping	M 36
Max. countersinking dia.	2-3/8 [60] in[mm]
Reaming max. dia.	1-3/8 [35] in[mm]
Stroke	11 [280] in[mm]
Total stroke range	15-3/4 [400] in[mm]
Magnetic holding force	5171 [23,000] lbs[N]
Cable with plug	13.1 [4] ft[m]
Weight	79.37 [36.00] lbs[kg]

Vibration value 1 α_{hv} 3-way
Measurement uncertainty of the measured value $K\alpha$

$a_{h,D} = 1,4 \text{ m/s}^2$

$1,5 \text{ m/s}^2$

Application examples

