



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 Weldon 32 mounting shaft
- + 1 coolant tank
- + 1 chip hook
- + 1 chip guard
- + 2 hexagonal socket keys, 3/16" and 1/4" [5 and 6 mm]
- + 1 case
- + 1 adapter with Weldon 1-1/4 fitting and 3/4 output in Weldon
- + 1 safety strap with ratchet
- + 2 pilot pins 6.35 mm dia. x 125 mm and 7.98 mm dia. x 184 mm
- + 1 drift
- + 1 additional handle

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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FEIN

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
Load speed: 1st gear	60 / 120 rpm
Load speed: 2nd gear	90 / 170 rpm
Load speed: 3rd gear	150 / 300 rpm
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

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Measurement uncertainty of the measured value KpA	86,0 dB 5 dB
Sound power level LWA Measurement uncertainty of the measured value KWA	97,0 dB 5 dB
Peak sound value LpCpeak Measurement uncertainty of the measured value KpCpeak	98,5 dB 5 dB
Vibration value 1 α_{hv} 3- way Measurement uncertainty of the measured value K α	$a_{h,D} = 1,4 \text{ m/s}^2$ 1,5 m/s ²



No-load speed: 4th gear	420 / 750 rpm
Tool mount	MT 4
Carbide cutter max. dia.	4 [101] in[mm]
HSS cutter max. dia.	2-15/16 [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]
Cutter holder	Weldon 32
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 [4] ft[m]
Weight	79.37 lbs

Application examples



FEIN

