



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.
- > Convenient magnetic holding force display.
- > Electronic speed setting.
- > Reversible.
- > MT4 tool mounting.
- > Integrated coolant tank.
- > Personal safety switches.

Price includes

- ✓ 1 Weldon 32 mounting shaft
- ✓ 1 coolant tank
- ✓ 1 chip hook
- ✓ 1 chip guard
- ✓ 2 hexagonal socket keys, 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 carrying handle

Product feature

- ✓ Magnet holding force display
- ✓ Electronic speed reduction
- ✓ Tip sensor
- ✓ Reversible
- ✓ Torque slip clutch



Application

Mag base drilling metal up to 1-3/8 in dia.



Mag base drilling metal up to 2 in dia.



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



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



Twist drills with drill chuck



Spiral drilling with MT fitting



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
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]
Cutter holder	Weldon 32

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



Stroke	11 [280] in[mm]
Total stroke range	15-3/4 [400] in[mm]
Magnetic holding force	5171 [23,000] lbs[N]
Magnetic base dimensions	9-7/16 [240] x 4-3/4 [120] in[mm]
Cable with plug	13.1 [4] ft[m]
Weight	79.37 [36.00] lbs[kg]

Application examples

