



FEIN



JMU 137 MQW Structural Steel HSS Cutter Set 2" 3/4" Weldon

Universal magnetic base drill up to 1-3/8"
[35 mm] with accessory set

The versatile JMU 137 MQW combined with HSS 2 in cutters and mag drill accessories. Perfect for general steel fabrication and bridge construction.

Product number: 7 270 56 62 09 0

Details

- + Magnetic base drill JMU 137 MQW:
- + Slugger by FEIN Universal performance class: our most versatile drills for core drilling, twist drilling, tapping, counter sinking and reaming.
- + Lightweight design and 1100 W high-performance motor results in impressive power-to-weight ratio.
- + 1-3/8" x 2" capacity.
- + Annular cutter HSS 2 in: Extremely shock and impact resistant, it is made for rough use in steel construction and assembly. Thanks to tough cutting edges and excellent HSS steel with a hardness of 64 HRC, the cutter also impresses with maximum service life.
- + Magbrush: Safely remove metal chips and debris from machinery and work areas using FEIN's magnetic brushes. The Magbrush's slide action lever quickly demagnetizes the tool, which releases chips for disposal.
- + Slugger cutting paste: FEIN's Cutting Paste, used with Slugger cutters, is water-based designed to extend tool life, improve surface finish and reduce heat build-up when drilling.
- + Comes with molded plastic carrying case.

Price includes

- + 1 magnetic base drill
- + 1 safety strap
- + 3 centering pins dia. 1/4 x 4 [6.35 x 100] in[mm]
- + 1 centering pin dia. 3/16 x 3-1/8 [4.75 x 80] in[mm]
- + 1 drift
- + 1 each HSS NOVA 50 annular cutter 50 mm cutting depth (12 / 14 / 16 / 18 / 20 / 22 mm dia.)
- + 1 Jancy Cutting Paste
- + 1 coolant tank
- + 1 chip hook
- + 1 centering pin dia. 1/4 x 3-1/4 [6.35 x 82] in[mm]
- + 1 chip guard
- + 1 tool case
- + 1 Magbrush
- + 1 L-BOXX 136 for accessories

Application

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

Twist drilling with drill chuck

Performing overhead work

Installation work

Workshop jobs

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+ suitable

Technical data

TECHNICAL DATA

Power consumption	1,100 W
Power output	550 W
Full load speed	130 - 520 rpm
Carbide cutter max. dia.	1-3/8 [35] in[mm]
HSS cutter max. dia.	1-3/8 [35] in[mm]
Cutter max. drilling depth	2 [50] (3 [75]){1056} in[mm]
Twist drill max. dia.	3/4 [18] in[mm]
Cutter holder	3/4" straight shank
Stroke	5-5/16 [135] in[mm]
Magnetic holding force	2248 [10,000] lbs[N]
Cable with plug	13.1 [4] ft[m]
Weight	23.59 lbs

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Measurement uncertainty of
the measured value KpA

82,3 dB
5 dB

Sound power level LWA
Measurement uncertainty of
the measured value KWA

93,3 dB
5 dB

Peak sound value
LpCpeak
Measurement uncertainty of
the measured value KpCpeak

95,9 dB
5 dB

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

$\alpha_{h,D} < 2,5 \text{ m/s}^2$
1,5 m/s²

Application examples

