

► METAL



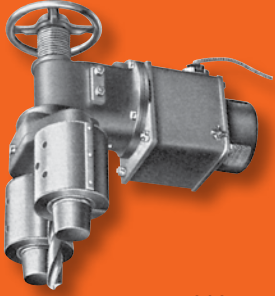
Faster magnetic base drilling. In metal and in any situation.

Slugger magnetic base drills – powerful and universal tools for efficient metal drilling.



MADE FOR
METAL

NEW
Drills and Cutters



1909



2018

Slugger magnetic base drills and accessories

Magnetic base drilling applications	3
Endurance, Compact, Universal, Auto series product highlights	4 - 7
Drilling machines	8
History & innovation	9
Drilling machine technical specifications	10 - 11
Endurance, Compact series	12
Universal, Auto series	13
Slugger annular cutters	15 - 20
General accessories	21 -25
Hand-guided core drilling system	26 - 28
KBH cutters & accessories	29

Profit from FEIN system expertise.

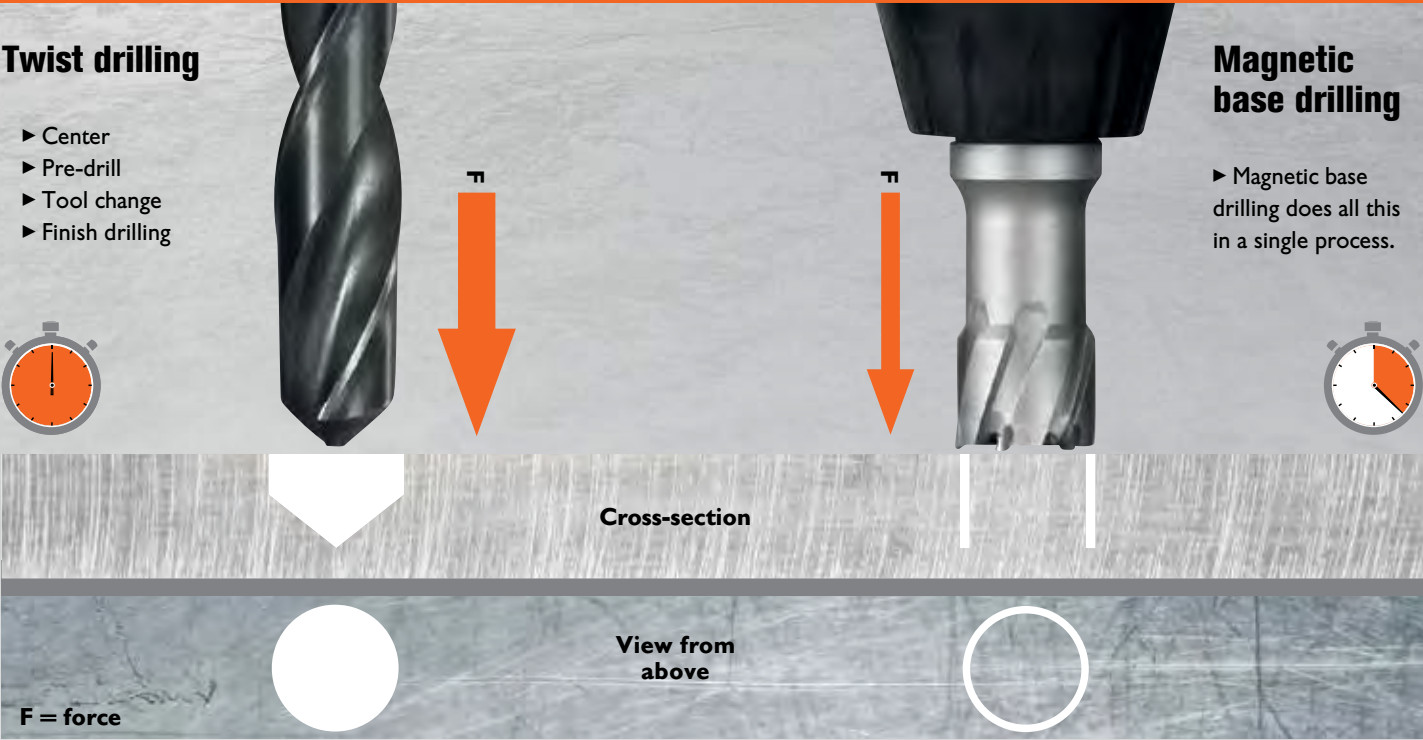
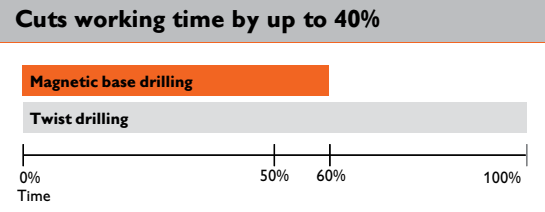
No other power tool manufacturer offers you as much experience in the magnetic base drilling field. Slugger's knowledge has been built up over decades, and built into every aspect of FEIN magnetic base drilling. Slugger offers you a magnetic base drilling system for metal in which machine, annular cutters, and accessories are precisely matched to each other. Premium quality, first class materials and excellent workmanship make FEIN magnetic base drilling units durable in the truest sense of the word. Whether you are drilling steel, stainless steel, or aluminium: with our extensive range of annular cutters and system accessories, we are ready with the correct solution for every application.

FEIN magnetic base drilling system will revolutionize your work!



Get to the base of the matter faster.

With more precision, speed and ease of use than ever before, Slugger magnetic base drills deliver the best results in the shortest time. The compact, powerful and universal Slugger magnetic base drills reduce effort to a minimum. They don't require pre-drilling or retooling, so they offer rapid work performance. And because Slugger annular cutters have a smaller machining surface, the feed force is also considerably reduced – saving time, energy and money.

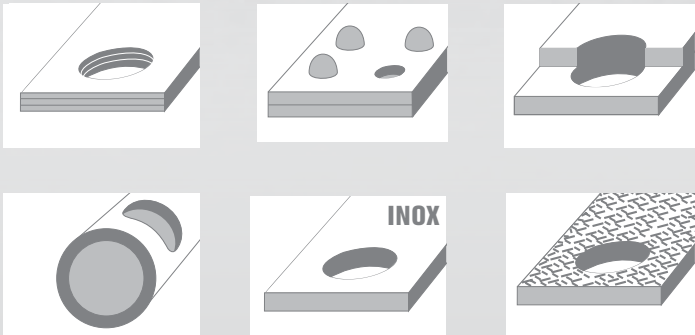


Efficiency means achieving maximum results with minimum effort – which perfectly describes Slugger magnetic base drills. Unlike conventional twist drilling, magnetic base drilling only involves machining a narrow ring and not the entire drilling surface. This allows

the hole to be produced with much less feed force and effort on the user's part – and in a much shorter time. One step is all it takes to make magnetic base drilled holes in metal. This makes magnetic base drilling a very economical drilling technique.

Wide range of applications

Magnetic base drilling can be used for a wide range of tasks, from drilling in steel girders to overlapping holes, drilling in multi-layer materials and offset stop-drilling.



Whatever your toughest heavy drilling needs are, you can count on Slugger.

Designed to be enduring, delivering precise results.



SLUGGER BY FEIN

In January 2011, FEIN acquired Jancy Engineering, creating an alliance that provides the world's most versatile, most reliable, and highest quality metalworking products. With the known quality and effectiveness of the Slugger cutters line, it's a perfect fit for all that FEIN has stood for in the industry for the past 150 years. A powerful brand was created. Whether your job involves drilling steel, stainless, or aluminium, Slugger has a solution to save you time and money on the job site or in the workshop. The Performance, German endurance and innovation of FEIN with the USA Quality and toughness of Jancy together bring exceptional longevity and durability to every job.



FEIN

For 150 years, the FEIN brand has stood for application and premium quality. FEIN continues to engineer and manufacture products specifically designed for intensive daily use in industry and skilled trades. Each and every FEIN high performance power tool meets the challenge of solving an application solution with an operator oriented approach and lives up to the FEIN reputation for durability and performance. FEIN GmbH was founded by Wilhelm Emil Fein in 1867, who invented the first power tool - the electric hand drill - in 1895. Today, this long-established German manufacturer develops and produces application solutions for the metalworking, interior construction and automotive sectors and is the specialist for professional and extremely reliable power tools for industry and trade.



Compact, efficient drills for any situation.



Drilling

Twist drilling

Tapping

Countersinking

Reaming

Compact power pack. The FEIN HighPower battery.

The new FEIN HighPower Li-ion battery was specially developed for the FEIN cordless mag drill. The battery features high-current-capable cells for excellent and sustained work progress, allowing the cordless mag drill to achieve maximum performance. The 18 V interface means that the HighPower battery can be used with all FEIN 18 V cordless tools.



Quick registration – extensive warranty coverage: the 3-year FEIN PLUS warranty.

We offer the FEIN PLUS 3-year warranty on all FEIN power tools. To receive the benefits of the warranty, register your new FEIN power tool within six weeks of purchase at www.fein.com/warranty.



Endurance series – Maximum edurance. And portable too.

The Slugger Endurance series magnetic base drills are the ultimate drills for any heavy drilling situation. Quality, superior durability and essential functionality, these drills are more than capable of handling any drilling task.

The Slugger Endurance Series:

- ▶ Powerful and enduring magnetic base drill series.
- ▶ Sturdy construction for all applications.

Through spindle coolant

Better cooling helps to extend the life of the cutter.

Feed handwheel

For ease of operation, the handwheel can be mounted on either side of the machine to fit in hard to reach areas.

Accessory handle

Easily move the drill from place to place safely.

Smart magnet circuitry

In an unlikely case where the drill may break away from the work piece, the drill motor will be shut down.



Compact series – The compact solution for large applications.

Compact and adaptable, the Slugger Compact series is the perfect workhorse for tight spaces that need precise results. Where other magnetic drills just can't fit, the Compact series is there to get even the tightest job done.

The Slugger Compact Series:

- ▶ Compact, robust and sturdy magnetic base drill series.
- ▶ Solid construction with fixed motor.
- ▶ Internal motor cable guide.

Work closer to edges with a perfect view of the drilling location

With a width across corners of 1 $\frac{5}{16}$ in (33 mm) and high gear level, visibility is greatly improved for smaller spaces.

Easy tool positioning

Due to its exceptionally low weight of 16.5 lbs (7.5 kg) and easily accessible control pad.



Safety in mind

Tilt sensor, convenient magnet holding force indicator and 2248 lbs (10,000 N) magnetic holding force.

Efficient work progress

Due to the high speed stability of the FEIN high-performance motor with tacho electronics.

Dynamic use

Forward and reverse rotation, electronic speed control and a large mounting space.

Universal series – Universal drills with functionality in mind.

Outstanding universal performance with quality and technology to boot. The Slugger Universal series magnetic base drill series offers the precision tools needed to complete any job with repeatability and consistency.

The Slugger Universal Series:

- ▶ Unique versatility, performance and cutting speed.
- ▶ Extremely wear-resistant, durable tool design.
- ▶ Great flexibility and ergonomics due to lightweight design.
- ▶ Double dove tail for extended stroke range.

Continuously excellent work progress

The brushless FEIN PowerDrive motor and FEIN HighPower battery with high-current-capable cells.

Extremely safe work

Tilt sensor, convenient magnetic holding force indicator and permanent magnet.



Prism magnet shape for use on pipes

The magnetic contact surfaces have the shape of a prism. This guarantees a firm hold, even when drilling on pipes with a diameter of 3 1/8" to 9 13/16" in (80 to 250 mm).



Damage prevention

Pivoting motor cable protection sleeve.

Easy tool positioning

Due to the minimal weight and the ability to move the tool while the magnet is partially engaged.



ON
100% holding force



Partial engagement
30% holding force



OFF
0% holding force

Permanent magnet operation

The extra-narrow permanent magnet with partial engagement makes it possible to align the tool quickly and easily on the workpiece. The permanent magnet does not release upon loss of voltage.

Automatic series – Maximum efficiency due to fully automatic drill feed.

Save time and money while getting precise, repeatable results all at the push of a button with the automatic drilling functionality of the Automatic series drills. Consistent and programmed drilling times allow for work hours to be planned while the digitally controlled drill feed assists the ease of operation.

The Slugger Automatic Series:

- ▶ Increased work safety.
- ▶ Automatic and manual mode.
- ▶ Longer annular cutter service life.
- ▶ Consistant work performance.

Operating concept

User friendly controls that are in the operator's direct field of view – simple, practical and easily identifiable. Forward/reverse operation and electronic speed setting for universal use.

Double dove tails

Allows for larger range of cutter accessories including tapping applications.



Reversing motor

The key advantage to tapping applications.

Fully automatic

Offers reliability while delivering power efficiently and consistently for repeatable drilling. In automatic mode, the drill will cut the hole, reverse out and shut off.

FEIN KBH and Slugger magnetic base drilling: Powerful and enduring drills – focused on delivering precise results

Slugger's complete line of mobile and magnetic based drills, the right solution for every application is available to make quick work on even the most difficult task. Starting with the FEIN KBH, the only mobile hand held core drilling system.

Slugger Endurance series includes the optimum tool for portability.

The Slugger Compact series offers all the power and reliability of the Endurance series, but in a more compact package.

The manual Slugger Universal series includes high-quality magnetic base drills for universal use. Every machine is designed for optimum results, incredibly simple use and long service life.

The Slugger Auto series with automatic drill feed enables repeatable drilling times and constant work performance in all common materials.

Endurance

Compact



Technical specifications

Model		JHM ShortSlugger	JHM USA 101	JME Holemaker III	JHM USA 5	JHM Magforce	JMC USA 90	JMU 137-2 QW
Carbide cutter max. dia.	in (mm)	-	-	1 3/8 (35)	-	-	1 3/8 (35)	1 3/8 (35)
HSS cutter max. dia.	in (mm)	1 3/16 (30)	1 1/2 (38)	1 3/8 (35)	2 3/8 (60)	1 5/8 (40)	1 3/8 (35)	1 3/8 (35)
Cutter max. drilling depth	in (mm)	2 (50)	2 (50)	2 (50)	3 (75)	2 (50)	1 3/8 (35)	2 (50)
Twist drill max. dia.	in (mm)	-	-	5/8 (16)	-	-	9/16 (14)	5/8 (16)
Thread cutting max.	in (mm)	-	-	-	-	-	-	-
Tapping max.	in (M)	-	-	-	-	-	3/8 (12)	35/64 (14)
Countersinking max. dia.	in (mm)	-	-	-	-	-	1 1/4 (31)	1 1/4 (31)
Reaming max. dia.	in (mm)	-	-	-	-	-	-	5/8 (16)
Power consumption	W	750	1050	1100	1400	1100	1100	1100
Power output	W	430	530	510	770	610	550	550
Load speed		330	330	450	-	280	-	-
1st speed	rpm	-	480	-	330	-	130-520	130-520
2nd speed	rpm	-	-	-	660	-	-	400-1600
3rd speed	rpm	-	-	-	-	-	-	-
4th speed	rpm	-	-	-	-	-	-	-
Cutter holder		3/4" straight shank	3/4" straight shank	3/4" straight shank	3/4" straight shank	3/4" straight shank	3/4" straight shank	3/4" QuickIN straight shank
Tool mounting	MT	-	-	-	-	-	-	-
Stroke / stroke range	in (mm)	2 5/16 (65)	2 5/16 (65)	10 1/4 (260)	3 5/8 (92)	2 5/16 (65)	1 13/16 (46)	55/16 / 1015/64 (135/260)
Adj. range for drill jigs	in (mm)	-	-	-	-	-	-	-
Swivel range for drill jigs		-	-	-	-	-	-	-
Magnetic holding force	lbs (N)	1800 (8000)	2000 (9000)	2700 (12010)	2420 (11000)	2000 (9000)	2250 (10000)	2135 (9500)
Magnetic foot dimensions	in	7 x 3 3/4	6 5/16 x 4	7 11/16 x 3 3/16	7 1/2 x 4	6 1/2 x 4	6 7/8 x 3 1/8	7 7/16 x 2 3/4
Cable with plug	ft (m)	12 1/2 (3.8)	12 1/2 (3.8)	9 (2.7)	12 1/2 (3.8)	12 1/2 (3.8)	13 (4)	13 (4)
Weight according to EPTA†	lbs (kg)	22 (10)	31.7 (14.4)	25.7 (11.6)	52.7 (23.9)	28.9 (13.1)	16.5 (7.5)	24 (11)
Order number		7 27 25 161 12 4	7 27 25 261 12 4	7 27 05 961 09 0	7 27 25 461 12 4	7 27 25 361 12 7	7 27 25 15 61 12 0	7 27 05 861 12 0

* Only in manual tool mode. ** Option with accessories. † (EPTA) European Power Tool Association



Universal

Automatic

Mobile



NEW

Coming 2019

AJMU 137 PMQW	JCM 200 QX	JCM 200 U	JCM 256 U	JMU 404 M	JCM 200 Auto
1 3/8 (35)	2 (50)	2 (50)	2 9/16 (65)	4 5/16 (110)	2 (50)
1 3/8 (35)	1 9/16 (40)	1 9/16 (40)	1 3/4 (45)	3 1/8 (80)	1 9/16 (40)
2 (50)	2 (50)	2 [3] (50 [75*])	2 [3] (50 [75])	4 (100)	2 [3**] (50 [75**])
5/8 (16)	5/8 (16)	7/8 (23)	1 (25)	1 1/16 (40)	1 1/16 x 7/8 (18/23*)
-	-	-	-	-	5/8 (16*)
35/64 (14)	1/2 (16)	1/2 (16)	5/8 (20)	1 7/16 (36)	-
1 3/16 (30)	1 1/4 (31)	2 (50)	2 (50)	-	2 (50*)
45/64 (18)	5/8 (16)	7/8 (23)	1 (25)	36	7/8 (23*)
18 V	1200	1200	1300	1700	1200
5.2 Ah	610	610	730	850	610
-	-	-	-	-	-
130-520	130-260	130-260	120-240	120-60	130-260
-	260-520	260-520	260-520	170-90	260-520
-	-	-	-	300-150	-
-	-	-	-	430-230	-
3/4" QuickIN straight shank	3/4" QuickIN straight shank	3/4" QuickIN straight shank	3/4" QuickIN straight shank	1 1/4" straight shank + 3/4" Weldon 32 arbor	3/4" QuickIN straight shank
2	-	3	3	4	3
10 15/64 (260)	5 11/16 / 12 3/8	5 11/16 / 12 3/8	5 11/16 / 12 3/8	11/15 3/4	5 11/16 / 12 3/8
-	-	-	±1/4 (±6)	-	-
-	-	-	±7°	-	-
2000 (9000)	2750 (12500)	2750 (12500)	3080 (14000)	5170 (23000)	2750 (12500)
2 3/4 x 8 x 2 1/8	7 11/16 x 3 9/16	7 11/16 x 3 9/16	8 1/16 x 3 3/4	9 1/2 x 4 3/4	7 11/16 x 3 9/16
-	13 (4)	13 (4)	13 (4)	13 (4)	13 (4)
28.2 (12.8)	29.1 (13.2)	30.6 (13.9)	35.5 (16.1)	86 (39)	35.7 (16.2)
7 17 00 261 09 0	7 27 04 561 12 0	7 27 04 461 12 0	7 27 04 761 12 0	7 27 06 061 09 0	7 27 04 61 12 0

Technical Data

Model		KBH 25-2 U
Hole Ø in steel/stainless steel	in (mm)	1 (25)
Hole Ø in light metal	in (mm)	1 3/16 (30)
Carbide core drill, max. bit drilling depth	in (mm)	25/32 (20)
Hole Ø in steel/stainless steel	in (mm)	35/32 (80)
Carbide hole saw, max. bit drilling depth	in (mm)	5/32 (4)
Hole Ø in steel/stainless steel, twist drill	in (mm)	5/8 (16)
Tapping max.	in (mm)	1/2 (M 12)
Countersinking max. Ø	in (mm)	1 1/4 (31)
Power consumption	W	1200
Power output	W	680
Center drilling	rpm	0-1 600
Load speed 1st gear (core drilling)	rpm	0-520
2nd gear (twist drilling)	rpm	0-1 600
Torque at max. output power / stall torque	Nm	50
Collar Ø		43
Core drill fitting (tool-free)		FEIN QuickIN PLUS
Cable with plug	ft (m)	13 (4)
Width across corners	mm	1 1/16 (27)
Weight according to EPTA†	lbs (kg)	7.3 (3.3)
Order number		7 27 10 361 09 0

* Only in manual tool mode. ** Option with accessories. † (EPTA) European Power Tool Association

Outstanding performance, quality and technology.

From the hard working Enduring JHM ShortSlugger and Compact JHM Magforce, to the JCM 200 QX up to the JCM 200 Auto, Slugger has the right magnetic based drill for the job. Slugger has an excellent line-up to accomplish any task no matter how challenging, it's certain that we have the right solutions for any application.

The Slugger Magnetic base drill benefits

- ▶ Endurance, Compact, Universal and Auto categories to fit any need.
- ▶ Long-life construction.
- ▶ Optimal power to weight ratio.
- ▶ High-powered motors.



JHM ShortSlugger

Extremely compact for drilling on the construction site.

- ▶ Ideal power to weight ratio for work in confined spaces.
- ▶ Dual hand feed wheel mount system.
- ▶ Internal motor cable routing.
- ▶ Internal cooling.
- ▶ Easy guide readjustment.



JHM USA 101

Precise drilling on the construction site.

- ▶ Positive slug ejection.
- ▶ Reliable base due to special bore spindle guides.
- ▶ Solid, massive construction in die-cast aluminium for work under difficult conditions.
- ▶ Integrated cooling tank.
- ▶ Internal motor cable routing.
- ▶ Accessory handle for easy carrying of tool.
- ▶ Dual hand feed wheel mount system.



JME Homemaker III

Powerful hole drilling machine.

- ▶ Smart Magnet offers protection against break-away from poor magnet connections on thin stock.
- ▶ Through spindle coolant for improved tool life.
- ▶ Newly designed lightweight durable motor housing.
- ▶ On tool storage.
- ▶ Ability to work on thinner material (1/4 in).
- ▶ Removable coolant reservoir.



JHM USA 5

2-speed gearbox for drilling to depths up to 3 in (75 mm.)

- ▶ Positive slug ejection.
- ▶ Solid, massive construction in die-cast aluminium for work under difficult conditions.
- ▶ Integrated cooling tank.
- ▶ Internal motor cable routing.
- ▶ Accessory handle for easy carrying of tool.
- ▶ Dual hand feed wheel mount system.
- ▶ Extra-long drill shaft for drilling depths up to 3 in (75 mm).



JHM Magforce

Compact with fixed drill motor for work in confined spaces.

- ▶ Positive slug ejection.
- ▶ Ideal power to weight ratio for work at heights and in confined spaces.
- ▶ Dual hand feed wheel mount system.
- ▶ Internal motor cable routing.
- ▶ Internal cooling.
- ▶ Massive die-cast aluminium construction.
- ▶ Stationary drill motor.
- ▶ Quill feed spindle eliminates field maintenance and adjustments.



JMC USA 90

Compact drill with fixed drill motor specialized drilling.

- ▶ Compact Magnetic Base Drill for up to 1 3/8 in. (35mm).
- ▶ Space-saving operation with ratchet.
- ▶ Speed-controlled electronics.
- ▶ Tilt sensor and drill spindle-stop.
- ▶ Extremely compact dimensions, low weight and ease of handling.
- ▶ Reversible for tapping applications.



JMU 137-2 QW

The compact, powerful and versatile drill with a large stroke range.

- ▶ Powerful 2-speed universal magnetic base drill with clockwise/counterclockwise operation.
- ▶ Ideal for all magnetics base drilling and twist drilling due to its fast second gear with up to 1600 rpm.
- ▶ Extra narrow magnet, just 2 3/4 in (70 mm) wide, for working in girder webs.
- ▶ Now includes 3 jaw chuck.

NEW



AJMU 137 PMQW

Flexible, powerful and cordless magnetic base drill.

- ▶ Brushless FEIN PowerDrive motor with electronics.
- ▶ High torque and speed stability for fast work progress.
- ▶ Reverse, electronic speed setting, MT 2 tool holder.
- ▶ Permanent magnet.



JCM 200 QX

2-speed gearbox and easy operation for efficient drilling.

- ▶ Double dove tail guides enable use of the largest annular cutters.
- ▶ Reversible.
- ▶ Electronic speed control.
- ▶ Integrated cooling tank.
- ▶ Dual hand feed wheel mount system.
- ▶ Control pad is in the field of view.



JCM 200 U

2-speed gearbox and outstanding functionality for flexible operation.

- ▶ Double dove tail guides enable use of the largest annular cutters.
- ▶ Reversible.
- ▶ Electronic speed control.
- ▶ Integrated cooling tank.
- ▶ Dual hand feed wheel mount system.
- ▶ MT 3 compatible.
- ▶ Standard straight shank QuickIN arbor (uses standard 3/4 in straight shank cutters).



JCM 256 U

High-performance with 2-speed gearbox for universal and efficient use.

- ▶ Fine drill spindle adjustment for convenient machine alignment.
- ▶ Double dove tail guides enable use of the largest annular cutters.
- ▶ Standard straight shank QuickIN arbor (uses standard 3/4 in straight shank cutters).
- ▶ Reversible.
- ▶ MT 3 compatible.
- ▶ Integrated cooling tank.

Coming 2019



JMU 404 M

Maximum functionality for heavy-duty drilling.

- ▶ FEIN high-power 1700 W motor powering a 4-speed gearbox.
- ▶ 3-stage manual stroke range, the largest in its class.
- ▶ Reversible.
- ▶ MT 4 compatible.
- ▶ Safety clutch.
- ▶ Tilt sensor.
- ▶ Internal motor cable routing.



JCM 200 Auto

Light, fully automatic 2-speed machine.

- ▶ Time and cost savings in large volume drilling due to digitally controlled drill feed.
- ▶ Predictable work times.
- ▶ Universal operation, such as tapping in manual machine mode using forward/reverse and is MT 3 compatible.
- ▶ Slugger high-power motor.
- ▶ Tilt sensor.
- ▶ Standard straight shank QuickIN arbor (uses standard 3/4 in straight shank cutters).



Tough jobs need tough tools.



Slugger high speed steel cutters are Made in the USA and are the highest quality annular cutters available.

Slugger HSS annular cutters combined with Slugger magnetic base drills create the ultimate system. Cost effective, high performance for magnetic base drilling.



Slugger cutters vs. low cost imports

- ▶ 80% savings, 1 remanufacturing vs. new cutter.
- ▶ Higher performance.
- ▶ Tighter tolerances.
- ▶ Significant savings.



The Slugger Cutter remanufacturing process uses the same 5 axis CNC machine that produced the cutter brand new.

High Speed Steel Cutters (HSS)

- ▶ Standard material used to manufacture Slugger cutters.
- ▶ Hardness, 64 Rockwell.



High Speed Steel Cutters (Titanium Carbonitride, coated)

- ▶ Practical when drilling highly abrasive or gummy materials, such as brass and aluminium alloys.



High Speed Steel Cutters (ID Geometry)

- ▶ Convenient when drilling through multiple layers.



Cobalt Steel Cutters (M42)

- ▶ Efficient when drilling materials are inconsistent.
- ▶ Contain the highest amount of cobalt.
- ▶ Valuable when increased feed rates are necessary and extending tool life between sharpening.



High Speed Steel Cutters (Titanium Nitride)

- ▶ Improves tools life by increasing surface hardness of tool, providing greater lubricity.



High Speed Steel Cutters (Titanium Nitride, cobalt steel cutters)

- ▶ Improve tool life by increasing surface hardness of the tool and providing greater lubricity.



Universal Shank Carbide Cutters

- ▶ Ideal for cutting harder materials.
- ▶ Designed for drilling higher RPM'S when increased hole making is desired.



Rail Cutters

- ▶ Designed for rail drilling.
- ▶ It's unique design and specifically developed coating allow for faster drilling and longer life, even in the toughest rail.



HSS annular cutter with 3/4 in Straight shank

Long service life. *Special geometries available (ID, Pipe, etc.). Contact FEIN Power Tools for assistance.

Dia.	1 in DOC w/ pilot pin	2 in DOC w/ pilot pin	1 in DOC	2 in DOC	3 in DOC	4 in DOC
7/16"	6 31 34 111 04 1	6 31 34 111 04 2	6 31 34 111 00 1	6 31 34 110 00 2		
1/2"	6 31 34 127 04 1	6 31 34 127 04 2	6 31 34 127 00 1	6 31 34 127 00 2		
13 mm			6 31 34 129 00 1	6 31 34 129 00 2		
14 mm			6 31 34 140 00 1	6 31 34 139 00 2		
9/16"	6 31 34 143 04 1	6 31 34 143 04 2	6 31 34 142 00 1	6 31 34 142 00 2		
15 mm			6 31 34 150 00 1	6 31 34 149 00 2		
5/8"	6 31 34 158 04 1	6 31 34 158 04 2	6 31 34 158 00 1	6 31 34 158 00 2		
16 mm			6 31 34 159 00 1	6 31 34 159 00 2		
17 mm			6 31 34 170 00 1	6 31 34 169 00 2		
11/16"	6 31 34 175 04 1	6 31 34 175 04 2	6 31 34 174 00 1	6 31 34 174 00 2		
18 mm			6 31 34 180 00 1	6 31 34 179 00 2	6 31 34 180 00 3	
19 mm			6 31 34 189 00 1	6 31 34 189 00 2	6 31 34 189 00 3	
3/4"	6 31 34 191 04 1	6 31 34 191 04 2	6 31 34 190 00 1	6 31 34 190 00 2	6 31 34 190 00 3	
20 mm			6 31 34 199 00 1	6 31 34 199 00 2	6 31 34 199 00 3	
13/16"	6 31 34 206 04 1	6 31 34 206 04 2	6 31 34 206 00 1	6 31 34 206 00 2	6 31 34 206 00 3	6 31 34 206 00 4
21 mm			6 31 34 210 00 1	6 31 34 209 00 2	6 31 34 210 00 3	
22 mm			6 31 34 219 00 1	6 31 34 219 00 2	6 31 34 219 00 3	

Special order cutters

6" Depth of cut cutters available.
Contact FEIN Power Tools for assistance.

SLUGGER ANNULAR CUTTERS



HSS annular cutter with 3/4 in Straight shank

Long service life. *Special geometries available (ID, Pipe, etc.). Contact FEIN Power Tools for assistance.

Dia.	1 in DOC w/ pilot pin	2 in DOC w/ pilot pin	1 in DOC	2 in DOC	3 in DOC	4 in DOC
7/8"	6 31 34 222 04 1	6 31 34 222 04 2	6 31 34 222 00 1	6 31 34 222 00 2	6 31 34 222 00 3	6 31 34 222 00 4
23 mm			6 31 34 229 00 1	6 31 34 229 00 2	6 31 34 229 00 3	
15/16"	6 31 34 238 04 1	6 31 34 238 04 2	6 31 34 238 00 1	6 31 34 237 00 2	6 31 34 238 00 3	6 31 34 237 00 4
24 mm			6 31 34 240 00 1	6 31 34 239 00 2	6 31 34 240 00 3	6 31 34 240 00 4
25 mm			6 31 34 250 00 1	6 31 34 249 00 2	6 31 34 250 00 3	
1"	6 31 34 254 04 1	6 31 34 254 04 2	6 31 34 254 00 1	6 31 34 254 00 2	6 31 34 254 00 3	6 31 34 254 00 4
26 mm			6 31 34 259 00 1	6 31 34 259 00 2	6 31 34 259 00 3	6 31 34 259 00 4
1 1/16"	6 31 34 269 04 1	6 31 34 269 04 2	6 31 34 269 00 1	6 31 34 269 00 2	6 31 34 269 00 3	6 31 34 269 00 4
27 mm			6 31 34 270 00 1	6 31 34 270 00 2	6 31 34 270 00 3	
28 mm			6 31 34 279 00 1	6 31 34 279 00 2	6 31 34 279 00 3	6 31 34 279 00 4
1-1/8"	6 31 34 286 04 1	6 31 34 286 04 2	6 31 34 285 00 1	6 31 34 285 00 2	6 31 34 285 00 3	6 31 34 285 00 4
29 mm			6 31 34 289 00 1	6 31 34 289 00 2	6 31 34 289 00 3	
30 mm			6 31 34 299 00 1	6 31 34 299 00 2	6 31 34 299 00 3	
1 3/16"	6 31 34 302 04 1	6 31 34 302 04 2	6 31 34 301 00 1	6 31 34 301 00 2	6 31 34 301 00 3	6 31 34 301 00 4
31 mm			6 31 34 309 00 1	6 31 34 310 00 2	6 31 34 309 00 3	6 31 34 309 00 4
1 1/4"	6 31 34 318 04 1	6 31 34 318 04 2	6 31 34 317 00 1	6 31 34 317 00 2	6 31 34 317 00 3	6 31 34 317 00 4
32 mm			6 31 34 319 00 1	6 31 34 319 00 2	6 31 34 319 00 3	
33 mm			6 31 34 329 00 1	6 31 34 329 00 2	6 31 34 329 00 3	6 31 34 329 00 4
1 5/16"	6 31 34 333 04 1	6 31 34 333 04 2	6 31 34 333 00 1	6 31 34 333 00 2	6 31 34 333 00 3	6 31 34 333 00 4
34 mm			6 31 34 339 00 1	6 31 34 339 00 2	6 31 34 339 00 3	6 31 34 339 00 4
1 3/8"	6 31 34 349 04 1	6 31 34 349 04 2	6 31 34 349 00 1	6 31 34 349 00 2	6 31 34 349 00 3	6 31 34 349 00 4
35 mm			6 31 34 350 00 1	6 31 34 350 00 2	6 31 34 350 00 3	6 31 34 350 00 4
36 mm			6 31 34 359 00 1	6 31 34 359 00 2	6 31 34 359 00 3	
1 7/16"	6 31 34 365 04 1	6 31 34 365 04 2	6 31 34 364 00 1	6 31 34 364 00 2	6 31 34 364 00 3	6 31 34 364 00 4
37 mm			6 31 34 369 00 1	6 31 34 369 00 2		
38 mm			6 31 34 379 00 1	6 31 34 379 00 2		
1 1/2"	6 31 34 381 04 1	6 31 34 381 04 2	6 31 34 381 00 1	6 31 34 381 00 2	6 31 34 381 00 3	6 31 34 381 00 4
39 mm			6 31 34 389 00 1	6 31 34 389 00 2	6 31 34 389 00 3	
1 9/16"	6 31 34 397 04 1	6 31 34 397 04 2	6 31 34 396 00 1	6 31 34 396 00 2	6 31 34 396 00 3	6 31 34 396 00 4
40 mm			6 31 34 399 00 1	6 31 34 399 00 2	6 31 34 399 00 3	
41 mm			6 31 34 409 00 1	6 31 34 409 00 2	6 31 34 409 00 3	
1 5/8"	6 31 34 413 04 1	6 31 34 413 04 2	6 31 34 412 00 1	6 31 34 412 00 2	6 31 34 412 00 3	6 31 34 412 00 4
42 mm			6 31 34 420 00 1	6 31 34 420 00 2	6 31 34 420 00 3	
1 11/16"	6 31 34 429 04 1	6 31 34 429 04 2	6 31 34 428 00 1	6 31 34 428 00 2	6 31 34 428 00 3	6 31 34 428 00 4
43 mm			6 31 34 429 00 1	6 31 34 429 00 2		
44 mm			6 31 34 439 00 1	6 31 34 439 00 2	6 31 34 439 00 3	
1 3/4"	6 31 34 445 04 1	6 31 34 445 04 2	6 31 34 444 00 1	6 31 34 444 00 2	6 31 34 444 00 3	6 31 34 444 00 4
45 mm						
46 mm						
1 13/16"	6 31 34 460 04 1	6 31 34 460 04 2	6 31 34 461 00 1	6 31 34 461 00 2	6 31 34 461 00 3	6 31 34 461 00 4
47 mm						
1 7/8"	6 31 34 476 04 1	6 31 34 476 04 2	6 31 34 476 00 1	6 31 34 476 00 2	6 31 34 476 00 3	6 31 34 476 00 4
48 mm			6 31 34 479 00 1	6 31 34 479 00 2		
49 mm			6 31 34 489 00 1	6 31 34 489 00 2		
1 15/16"	6 31 34 492 04 1	6 31 34 492 04 2	6 31 34 491 00 1	6 31 34 491 00 2	6 31 34 491 00 3	6 31 34 492 00 4
50 mm			6 31 34 499 00 1	6 31 34 499 00 2		
2"	6 31 34 508 04 1	6 31 34 508 04 2	6 31 34 508 00 1	6 31 34 508 00 2	6 31 34 508 00 3	6 31 34 508 00 4
51 mm			6 31 34 509 00 1	6 31 34 509 00 2	6 31 34 510 00 3	
52 mm			6 31 34 519 00 1	6 31 34 519 00 2	6 31 34 519 00 3	
2 1/16"	6 31 34 524 04 1	6 31 34 524 04 2	6 31 34 523 00 1	6 31 34 523 00 2	6 31 34 523 00 3	6 31 34 523 00 4

Special order cutters

6" Depth of cut cutters available.

Contact FEIN Power Tools for assistance.



HSS annular cutter with 1 1/4 in Weldon shank*

Long service life.



Carbide annular cutter with QuickIN-MAX shank

For use with JMU 312 U and JMA 312 Auto.

Dia. (in)	1 in DOC	2 in DOC	3 in DOC	4 in DOC	6 in DOC
2 1/8	6 31 34 539 01 3	6 31 34 539 01 4		6 31 34 539 01 6	6 31 34 539 01 8
2 3/16	6 31 34 555 01 3	6 31 34 555 01 4	6 31 34 555 01 5		6 31 34 556 01 8
2 1/4	6 31 34 571 01 3	6 31 34 571 01 4	6 31 34 571 01 5	6 31 34 571 01 6	
2 5/16	6 31 34 587 01 3			6 31 34 587 01 6	6 31 34 587 01 8
2 3/8	6 31 34 603 01 3	6 31 34 603 01 4	6 31 34 603 01 5		6 31 34 603 01 8
2 7/16	6 31 34 618 01 3	6 31 34 618 01 4			
2 1/2	6 31 34 635 01 3	6 31 34 635 01 4	6 31 34 635 01 5		
2 17/32			6 31 34 642 01 5		
2 9/16	6 31 34 650 01 3	6 31 34 651 00 2			
2 5/8	6 31 34 666 01 3				
2 11/16	6 31 34 682 01 3	6 31 34 682 01 4	6 31 34 682 01 5		
2 3/4		6 31 34 698 01 4	6 31 34 698 01 5	6 31 34 698 01 6	
2 13/16		6 31 34 714 01 4		6 31 34 714 01 6	
2 7/8			6 31 34 731 01 5	6 31 34 731 01 6	
2 15/16		6 31 34 745 01 4			
3	6 31 34 762 01 3	6 31 34 762 01 4	6 31 34 762 01 5		

Dia (in)	2 in DOC
2	6 31 27 437 01 0
2 1/16	6 31 27 438 01 0
2 1/8	6 31 27 439 01 0
2 3/16	6 31 27 440 01 0
2 5/16	6 31 27 442 01 0
2 3/8	6 31 27 443 01 0
2 7/16	6 31 27 444 01 0
2 1/2	6 31 27 445 01 0
2 9/16	6 31 27 446 01 0
2 5/8	6 31 27 447 01 0
2 11/16	6 31 27 448 01 0
2 3/4	6 31 27 449 01 0
2 13/16	6 31 27 450 01 0
2 7/8	6 31 27 451 01 0
2 15/16	6 31 27 452 01 0
3	6 31 27 453 01 0
3 1/16	6 31 27 454 01 0
3 1/8	6 31 27 455 01 0

*over 2 1/16" it is suggested to use the larger shank due to torque.



3/4 in Straight shank carbide

Maximum service life and outstanding cutting performance. (*1" and 2" DOC available while supplies last)

Dia (in)	1 in DOC	2 in DOC	3 in DOC	4 in DOC	Dia (in)	1 in DOC	2 in DOC	3 in DOC	4 in DOC
1/2	6 31 27 560 11 0	6 31 27 506 11 0			1 1/2	6 31 27 576 11 0	6 31 27 522 11 0	6 31 27 626 11 0	6 31 27 676 11 0
9/16	6 31 27 561 11 0	6 31 27 507 11 0			1 9/16	6 31 27 577 11 0	6 31 27 523 11 0	6 31 27 627 11 0	6 31 27 677 11 0
5/8	6 31 27 562 11 0	6 31 27 508 11 0			1 5/8	6 31 27 578 11 0	6 31 27 524 11 0	6 31 27 628 11 0	6 31 27 678 11 0
11/16*	6 31 27 563 11 0	6 31 27 509 11 0			1 11/16	6 31 27 579 11 0	6 31 27 525 11 0	6 31 27 629 11 0	6 31 27 679 11 0
3/4*	6 31 27 564 11 0	6 31 27 510 11 0	6 31 27 614 11 0	6 31 27 664 11 0	1 3/4	6 31 27 580 11 0	6 31 27 526 11 0	6 31 27 630 11 0	6 31 27 680 11 0
13/16*	6 31 27 565 11 0	6 31 27 511 11 0	6 31 27 615 11 0	6 31 27 665 11 0	1 13/16	6 31 27 581 11 0	6 31 27 527 11 0	6 31 27 631 11 0	6 31 27 681 11 0
7/8*	6 31 27 566 11 0	6 31 27 512 11 0	6 31 27 616 11 0	6 31 27 666 11 0	1 7/8	6 31 27 582 11 0	6 31 27 528 11 0	6 31 27 632 11 0	6 31 27 682 11 0
15/16*	6 31 27 567 11 0	6 31 27 513 11 0	6 31 27 617 11 0	6 31 27 667 11 0	1 15/16	6 31 27 583 11 0	6 31 27 529 11 0	6 31 27 633 11 0	6 31 27 683 11 0
1*	6 31 27 568 11 0	6 31 27 514 11 0	6 31 27 618 11 0	6 31 27 668 11 0	2	6 31 27 584 11 0	6 31 27 530 11 0	6 31 27 634 11 0	6 31 27 684 11 0
1 1/16*	6 31 27 569 11 0	6 31 27 515 11 0	6 31 27 619 11 0	6 31 27 669 11 0	2 1/16	6 31 27 585 11 0	6 31 27 531 11 0	6 31 27 635 11 0	6 31 27 685 11 0
1 1/8*	6 31 27 570 11 0	6 31 27 516 11 0	6 31 27 620 11 0	6 31 27 670 11 0	2 1/8	6 31 27 586 11 0	6 31 27 532 11 0	6 31 27 636 11 0	6 31 27 686 11 0
1 3/16*	6 31 27 571 11 0	6 31 27 517 11 0	6 31 27 621 11 0	6 31 27 671 11 0	2 3/16	6 31 27 587 11 0	6 31 27 533 11 0	6 31 27 637 11 0	6 31 27 687 11 0
1 1/4*	6 31 27 572 11 0	6 31 27 518 11 0	6 31 27 622 11 0	6 31 27 672 11 0	2 1/4	6 31 27 588 11 0	6 31 27 534 11 0	6 31 27 638 11 0	6 31 27 688 11 0
1 5/16*	6 31 27 573 11 0	6 31 27 519 11 0	6 31 27 623 11 0	6 31 27 673 11 0	2 5/16	6 31 27 589 11 0	6 31 27 535 11 0	6 31 27 639 11 0	6 31 27 689 11 0
1 3/8*	6 31 27 574 11 0	6 31 27 520 11 0	6 31 27 624 11 0	6 31 27 674 11 0	2 3/8	6 31 27 590 11 0	6 31 27 536 11 0	6 31 27 640 11 0	6 31 27 690 11 0
1 7/16	6 31 27 575 11 0	6 31 27 521 11 0	6 31 27 625 11 0	6 31 27 675 11 0	2 7/16	6 31 27 591 11 0	6 31 27 537 11 0	6 31 27 641 11 0	6 31 27 691 11 0



Universal shank carbide CT cutter w/pilot pin - Made in USA

Maximum service life and outstanding cutting performance.



Dia (in)	1 3/8 in DOC	2 in DOC	Dia (in)	1 3/8 in DOC	2 in DOC
11/16	6 31 35 175 02 1	6 31 35 175 02 2	1-1/16	6 31 35 269 02 1	6 31 35 269 02 2
3/4	6 31 35 191 02 1	6 31 35 191 02 2	1-1/8	6 31 35 286 02 1	6 31 35 286 02 2
13/16	6 31 35 206 02 1	6 31 35 206 02 2	1-3/16	6 31 35 302 02 1	6 31 35 302 02 2
7/8	6 31 35 222 02 1	6 31 35 222 02 2	1-1/4	6 31 35 318 02 1	6 31 35 318 02 2
15/16	6 31 35 238 02 1	6 31 35 238 02 2	1-5/16	6 31 35 333 02 1	6 31 35 333 02 2
1	6 31 35 254 02 1	6 31 35 254 02 2	1-3/8	6 31 35 349 02 1	6 31 35 349 02 2

SLUGGER ANNULAR CUTTERS



Carbide QuickIN shank for JCM series

Maximum service life and outstanding cutting performance.

Dia (in)	1 in DOC	2 in DOC
1/2	6 31 27 472 11 0	6 31 27 383 11 0
9/16	6 31 27 473 11 0	6 31 27 384 11 0
5/8	6 31 27 474 11 0	6 31 27 385 11 0
11/16	6 31 27 475 11 0	6 31 27 386 11 0
3/4	6 31 27 476 11 0	6 31 27 387 11 0
13/16	6 31 27 477 11 0	6 31 27 388 11 0
7/8	6 31 27 478 11 0	6 31 27 389 11 0
15/16	6 31 27 479 11 0	6 31 27 390 11 0
1	6 31 27 480 11 0	6 31 27 391 11 0
1 1/16	6 31 27 481 11 0	6 31 27 392 11 0
1 1/8	6 31 27 482 11 0	6 31 27 393 11 0
1 3/16	6 31 27 483 11 0	6 31 27 394 11 0
1 1/4	6 31 27 484 11 0	6 31 27 395 11 0
1 5/16	6 31 27 485 11 0	6 31 27 396 11 0
1 3/8	6 31 27 486 11 0	6 31 27 397 11 0
1 7/16	6 31 27 487 11 0	6 31 27 398 11 0
1 1/2	6 31 27 488 11 0	6 31 27 399 11 0
1 9/16	6 31 27 489 11 0	6 31 27 400 11 0
1 5/8	6 31 27 490 11 0	6 31 27 401 11 0
1 11/16	6 31 27 491 11 0	6 31 27 402 11 0
1 3/4	6 31 27 492 11 0	6 31 27 403 11 0
1 13/16	6 31 27 493 11 0	6 31 27 404 11 0
1 7/8	6 31 27 494 11 0	6 31 27 405 11 0
1 15/16	6 31 27 495 11 0	6 31 27 406 11 0
2	6 31 27 496 11 0	6 31 27 407 11 0
2 1/16	6 31 27 497 11 0	6 31 27 408 11 0
2 1/8	6 31 27 498 11 0	6 31 27 464 11 0
2 3/16	6 31 27 499 11 0	6 31 27 465 11 0
2 1/4	6 31 27 500 11 0	6 31 27 466 11 0
2 5/16	6 31 27 501 11 0	6 31 27 467 11 0
2 3/8	6 31 27 502 11 0	6 31 27 468 11 0
2 7/16	6 31 27 503 11 0	6 31 27 469 11 0
2 1/2	6 31 27 504 11 0	6 31 27 470 11 0
2 9/16	6 31 27 505 11 0	6 31 27 471 11 0



Carbide annular cutters with 1 1/4 in Weldon shank

Maximum service life and outstanding cutting performance.

Dia (in)	1 in DOC	2 in DOC	3 in DOC	4 in DOC
2 1/2	6 31 27 592 11 0	6 31 27 538 11 0	6 31 27 642 11 0	6 31 27 692 11 0
2 11/16	6 31 27 595 11 0	6 31 27 541 11 0	6 31 27 645 11 0	6 31 27 695 11 0
2 13/16	6 31 27 597 11 0	6 31 27 543 11 0	6 31 27 647 11 0	6 31 27 697 11 0
2 15/16	6 31 27 599 11 0	6 31 27 545 11 0	6 31 27 649 11 0	6 31 27 699 11 0
2 3/4	6 31 27 596 11 0	6 31 27 542 11 0	6 31 27 646 11 0	6 31 27 696 11 0
2 5/8	6 31 27 594 11 0	6 31 27 540 11 0	6 31 27 644 11 0	6 31 27 694 11 0
2 7/8	6 31 27 598 11 0	6 31 27 544 11 0	6 31 27 648 11 0	6 31 27 698 11 0
2 9/16	6 31 27 593 11 0	6 31 27 539 11 0	6 31 27 643 11 0	6 31 27 693 11 0
3	6 31 27 600 11 0	6 31 27 546 11 0	6 31 27 650 11 0	6 31 27 700 11 0
3 1/16	6 31 27 601 11 0	6 31 27 547 11 0	6 31 27 651 11 0	6 31 27 701 11 0
3 1/2	6 31 27 607 11 0	6 31 27 553 11 0	6 31 27 657 11 0	6 31 27 707 11 0
3 1/4	6 31 27 603 11 0	6 31 27 549 11 0	6 31 27 653 11 0	6 31 27 703 11 0
3 1/8	6 31 27 602 11 0	6 31 27 548 11 0	6 31 27 652 11 0	6 31 27 702 11 0
3 15/16	6 31 27 612 11 0	6 31 27 558 11 0	6 31 27 662 11 0	6 31 27 712 11 0
3 3/4	6 31 27 610 11 0	6 31 27 556 11 0	6 31 27 660 11 0	6 31 27 710 11 0
3 3/8	6 31 27 605 11 0	6 31 27 551 11 0	6 31 27 655 11 0	6 31 27 705 11 0
3 5/16	6 31 27 604 11 0	6 31 27 550 11 0	6 31 27 654 11 0	6 31 27 704 11 0
3 5/8	6 31 27 609 11 0	6 31 27 555 11 0	6 31 27 659 11 0	6 31 27 709 11 0
3 7/16	6 31 27 606 11 0	6 31 27 552 11 0	6 31 27 656 11 0	6 31 27 706 11 0
3 7/8	6 31 27 611 11 0	6 31 27 557 11 0	6 31 27 661 11 0	6 31 27 711 11 0
3 9/16	6 31 27 608 11 0	6 31 27 554 11 0	6 31 27 658 11 0	6 31 27 708 11 0
4	6 31 27 613 11 0	6 31 27 559 11 0	6 31 27 663 11 0	6 31 27 713 11 0



HSS annular cutter 6 pack value sets

Conveniently packaged in a carrying case with most popular sizes. Includes 6 cutters and 2 pilot pins.

Dia (in)	1 in DOC	Dia (in)	2 in DOC
7/16	6 31 34 999 06 5	7/16	6 31 34 999 07 6
1/2	6 31 34 999 06 6	1/2	6 31 34 999 07 7
9/16	6 31 34 999 06 7	9/16	6 31 34 999 07 8
5/8	6 31 34 999 06 8	5/8	6 31 34 999 07 9
11/16	6 31 34 999 06 9	11/16	6 31 34 999 08 0
3/4	6 31 34 999 07 0	3/4	6 31 34 999 08 1
13/16	6 31 34 999 07 1	13/16	6 31 34 999 08 2
7/8	6 31 34 999 07 2	7/8	6 31 34 999 08 3
15/16	6 31 34 999 07 3	15/16	6 31 34 999 08 4
1	6 31 34 999 07 4	1	6 31 34 999 08 5
1 1/16	6 31 34 999 07 5	1 1/16	6 31 34 999 08 6
7/16, 9/16, 11/16, 13/16, 15/16, 1 1/16	6 31 34 999 08 7	7/16, 9/16, 11/16, 13/16, 15/16, 1 1/16	6 31 34 999 08 8
1/2, 5/8, 3/4, 13/16, 7/8, 1	6 31 34 999 08 9	1/2, 5/8, 3/4, 13/16, 7/8, 1	6 31 34 999 09 0

Special order cutters

6" Depth of cut cutters available.

Contact FEIN Power Tools for assistance.

Pilot pins for 3/4 in Straight

Pilot pins for 3/4" Straight

International pin for use on competitive machines.

	Part Number
Pilot pin 1" 1/2" DIA or less (13 mm, 14mm)	6 31 34 998 30 5
Pilot pin 2" 1/2" DIA or less (13 mm, 14 mm)	6 31 34 998 31 5
Pilot pin 1" 9/16" DIA or larger	6 31 34 998 30 0
Pilot pin 2" 9/16" DIA or larger	6 31 34 998 31 0
Pilot pin 3" 3/4" DIA or larger	6 31 34 998 33 0
Pilot pin 4"	6 31 34 998 34 0
Pilot pin 6"	6 31 34 998 36 0

Pilot pins QuickIN machines

Pilot pins for QuickIN machines

For use on QuickIN machines, JMU 312 and previous KBM series machines.

	Part Number
Pilot pin 3 1/8" (80 mm)	6 31 34 998 30 0
Pilot pin 4 1/8" (105 mm)	6 31 34 998 31 0
Pilot pin 4 11/16" (125 mm)	6 31 34 998 33 0
Pilot pin 5 5/16" (135 mm)	6 31 34 998 33 5

Pilot pin for QuickIN machines

Pilot pins for QuickIN machines

For 3/4" QuickIN cutters w/ 1" DOC and 7/16" Dia.

	Part Number
Pilot pin 3 3/8" (85 mm)	6 31 34 998 30 0

Tapping collet holder



Tapping collet holder

Only usable on magnetic base drills with reverse rotation. For taps in combination with tapping inserts (for blind/through holes).

	Part Number
3/4" Straight collet holder	9 26 02 089 01 0

Tapping collet adaptor



Tapping collet adaptor

Smaller inserts may be used with collet holder 9 26 02 082 01 0. Only for use on JMU 312 U/ 312 Auto.

	Part Number
Collet holder adaptor	6 32 06 125 01 0

Tapping collet holder



Tapping collet holder

QuickIN Max 1 1/4" Only for use on JMU 312 U/ JMA 312 Auto.

	Part Number
Collet holder	9 26 02 082 01 0

Cutter holder



Cutter holder

For JMU 312 U, MT 3 mounting, QuickIN 2" DOC.

	Part Number
Cutter holder	6 39 01 039 02 0

Tapping holders - ANSI style collets



Through Hole

Blind Hole

	Sizes	Part Number	Part Number	
To be used with 9 26 02 089 01 0	1/4"	6 99 08 107 00 1	6 99 08 107 02 0	
	5/16"	6 99 08 107 01 4	6 99 08 107 01 5	
	3/8"	6 99 08 107 00 2	6 99 08 107 00 9	
	7/16"	6 99 08 107 00 3	6 99 08 107 01 0	
	1/2"	6 99 08 107 00 4	6 99 08 107 01 1	
	9/16"	6 99 08 107 00 5	6 99 08 107 01 2	
	5/8"	6 99 08 107 00 6	6 99 08 107 01 3	
	11/16"	6 99 08 107 01 8	6 99 08 107 01 9	
	3/4"	6 99 08 107 00 7	6 99 08 107 01 7	
To be used with 9 26 02 082 01 0	7/8"	6 99 08 107 00 8	6 99 08 107 01 6	
	3/4"	6 99 08 195 29 5	6 99 08 195 30 1	
	13/16"	6 99 08 195 29 6	6 99 08 195 30 2	
	7/8"	6 99 08 195 29 7	6 99 08 195 30 3	
	15/16"	6 99 08 195 29 8	6 99 08 195 30 4	
	1"	6 99 08 195 29 9	6 99 08 195 30 5	
To be used with 9 26 02 089 01 0	1 1/8"	6 99 08 195 30 0	6 99 08 195 30 6	
	1 1/4"	6 99 08 107 04 1	6 99 08 107 04 2	
		Sizes	Part Number	Part Number
		M6	6 32 06 117 01 5	6 32 06 118 01 3
		M8	6 32 06 095 01 1	6 32 06 102 01 3
		M10	6 32 06 096 01 4	6 32 06 103 01 7
		M12	6 32 06 097 01 8	6 32 06 104 01 5
		M14	6 32 06 098 01 6	6 32 06 105 01 9
		M16	6 32 06 099 01 0	6 32 06 106 01 2
		M18	6 32 06 100 01 1	6 32 06 107 01 6
		M20	6 32 06 101 01 0	6 32 06 108 01 4
		M22	6 32 06 119 01 0	6 32 06 122 01 0
		M27	6 32 06 120 01 0	6 32 06 123 01 0
	M30	6 32 06 121 01 0	6 32 06 124 01 0	
	M33	6 32 06 151 01 0	6 32 06 155 01 0	
	M36	6 32 06 158 01 0	6 32 06 156 01 0	

Cutter holder



Cutter holder

For JMU 312 U, MT 3 mounting, QuickIN MAX 2" DOC.

	Part Number
Cutter holder	6 39 01 038 02 0

Cutter holder



Cutter holder

For JCM 200 U/JCM 200 Auto, JCM 256 U, MT 3 mounting, QuickIN 2" DOC.

	Part Number
Cutter holder	6 39 01 048 02 0

Cutter holder



Cutter holder

For JCM 200 U/JCM 200 Auto, JCM 256, MT 3 mounting, 3/4" Straight shank 2" DOC.

	Part Number
Cutter holder	6 39 01 050 02 0

GENERAL ACCESSORIES

Cutter holder



Cutter holder
For JCM 200 U/JCM 200 Auto, JCM 256 U, MT 3 mounting,
QuickIN 3" DOC.

	Part Number
Cutter holder	6 39 01 049 02 0

Extension



Extension
4" long, QuickIN.

	Part Number
Extension	6 31 06 016 01 0

Cutter holder



Cutter holder
For JCM 200 U/JCM 200 Auto, JCM 256 U, MT 3 mounting, 3/4"
Straight shank 3" DOC.

	Part Number
Cutter holder	6 39 01 051 02 0

Extension



Extension
MT 3 - MT 3.

	Part Number
Extension	6 33 04 005 00 0

Adaptor



Adaptor
QuickIN Max - QuickIN.

	Part Number
Adaptor	6 39 01 045 01 0

Adaptor



Adaptor
MT 3 - 1 1/4" Weldon
shank (Slugger/Jancy).

	Part Number
Adaptor	6 39 01 040 01 0

Adaptor



Adaptor
QuickIN - M 18 x 6, for use
with Milwaukee cutters.

	Part Number
Adaptor	6 39 01 020 00 6

Adaptor



Adaptor
MT 3 - 1 1/4" Weldon
shank.

	Part Number
Adaptor	6 39 01 04 01 0

Adaptor



Adaptor
3/4" Straight shank (Nitto
Khoki).

	Part Number
Adaptor	3 34 98 223 20 0

Adaptor



Adaptor
QuickIN - 1/2" x 20.

	Part Number
Adaptor	6 39 01 020 00 6

Adaptor



Adaptor
MT 3 - 1 1/4" Weldon
shank (Hougen.)

	Part Number
Adaptor	6 39 01 042 01 0

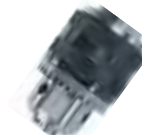
Adaptor



Adaptor
3/4" Straight shank -
QuickIN.

	Part Number
Adaptor	6 39 01 027 01 0

Adaptor



Adaptor
3 jaw chuck, use with
6 39 01 020 00 6.

	Part Number
Adaptor	6 32 03 050 01 4

Adaptor



Adaptor
QuickIN - Weldon (Slugger/
Jancy), Nitto Kohki cutters
with 1/4" pilot pins or
larger.

	Part Number
Adaptor	6 39 01 021 01 4

Adaptor



Adaptor
Weldon 32 - 3/4" straight
shank

	Part Number
Adaptor	6 39 01 075 01 0

Adaptor



Adaptor
QuickIN - Weldon (Slugger/
Jancy), Nitto Kohki cutters
with 1/4" pilot pins or
larger.

	Part Number
Adaptor	6 39 01 078 01 0

Increased versatility. Industrial arbors

Slugger industrial arbors quickly and easily adapt Slugger cutters to most types of conventional and CNC machinery. Slugger arbors and cutters increase the versatility and capacities of many machines. Industrial arbors have spring loaded slug ejection systems and are offered with optional coolant inducers to provide proper coolant to the interior of Slugger cutters. Arbors are available with R-8, 1"SS and #2MT – #5MT shank configurations.



Slugger cutters vs. low cost imports

- ▶ Keep machine spindle and industrial arbor clean, free of chips/debris.
- ▶ Total spindle runout shouldn't exceed .003" at arbor bore. (Total Indicator Runout).
- ▶ Use both set screws to lock down cutter in arbor.
- ▶ Supply coolant through arbor when possible. The thicker the material, the more critical coolant supply becomes.
- ▶ Keep coolant inducer from rotating.
- ▶ Clamp work securely. Do not allow it to shift during cut.
- ▶ Know your material for proper surface footage per minute and inches per revolution.
- ▶ Know machine's type, make, spindle size, horsepower and feed ranges.
- ▶ Sharpen cutters. Dull cutters will decrease productivity.
- ▶ Pilot can only retract 2" into arbor (on certain arbors. Contact FEIN for instructions for use in materials thicker than 2").
- ▶ Pilot pins eject slug, provide continuous coolant flow to cutting area and align the cutter.

For cutters with 3/4" shank drives

Description	3 34 98 294 18 0	3 34 98 294 38 0	3 34 98 294 20 0	3 34 98 294 40 0	3 34 98 294 24 0	3 34 98 294 44 0
Shank	2MT	2MT	3MT	3MT	4MT	4MT
Arbor bore	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Outside dia.	1 3/8"	2"*	1 3/8"	2"*	2"*	2 3/8"*
Overall length	8 5/8"	8 5/8"	6 9/16"	6 9/16"	7 7/8"	7 7/8"
Shank length	3 1/4"	3 1/4"	3 7/8"	3 7/8"	4 7/8"	4 7/8"

Description	3 34 98 294 28 0	3 34 98 294 48 0	3 34 98 294 32 0	3 34 98 294 52 0	3 34 98 294 14 0	3 34 98 294 34 0
Shank	5MT	5MT	R8	R8	1"SS	1"SS
Arbor bore	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Outside dia.	2"	2 3/8"*	1 3/8"	2"*	1 3/8"	2"*
Overall length	8 5/8"	8 5/8"	7 3/4"	7 3/4"	5 13/16"	5 13/16"
Shank length	6 1/8"	6 1/8"	4 1/8"	4 1/8"	3 1/4"	3 1/4"

* collar increases outside diameter.

For cutters with 1 1/4" shank drives

Description	3 34 98 294 22 0	3 34 98 294 42 0	3 34 98 294 26 0	3 34 98 294 46 0	3 34 98 294 30 0	3 34 98 294 50 0
Shank	3MT	3MT	4MT	4MT	5MT	5MT
Arbor bore	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Outside dia.	2 1/4"	2 3/8"*	2 1/4"	2 3/8"*	2 1/4"	2 3/8"*
Overall length	7 7/8"	7 7/8"	7 3/4"	7 3/4"	10 1/8"	10 1/8"
Shank length	3 7/8"	3 7/8"	4 7/8"	4 7/8"	6 1/8"	6 1/8"

Description	3 34 98 294 16 0	3 34 98 294 54 0	6 42 98 123 04 0	3 34 98 294 36 0
Shank	R8	R8	1"SS	1"SS
Arbor bore	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Outside dia.	2 1/4"*	2 3/8"*	2 1/4"	2 3/8"*
Overall length	7 1/8"	7 1/8"	8 15/16"	8 15/16"
Shank length	4 1/8"	4 1/8"	3 1/4"	3 1/4"

* collar increases outside diameter.

For carbide tipped cutters*

Part Number	Depth	Designed for
3 34 98 294 68 0	2"	Straight shank drive conversion drills, 3/4" shank & coolant inducer
3 34 98 294 70 0	3"	Straight shank drive conversion drills, 3/4" shank & coolant inducer
3 34 98 294 72 0	4"	Straight shank drive conversion drills, 3/4" shank & coolant inducer
3 34 98 294 74 0	2"	3/4" shank drive CT cutters, thru spindle coolant
3 34 98 294 76 0	3"	3/4" shank drive CT cutters, thru spindle coolant
3 34 98 294 78 0	4"	3/4" shank drive CT cutters, thru spindle coolant
3 34 98 294 80 0	2"	Threaded drive CT cutters w/ pilot pin & coolant inducer
3 34 98 294 82 0	3"	Threaded drive CT cutters w/ pilot pin & coolant inducer
3 34 98 294 84 0	4"	Threaded drive CT cutters w/ pilot pin & coolant inducer
3 34 98 294 86 0	2"	Threaded drive CT cutters, thru spindle coolant, threaded shank & pilot pin
3 34 98 294 88 0	3"	Threaded drive CT cutters, thru spindle coolant, threaded shank & pilot pin
3 34 98 294 90 0	4"	Threaded drive CT cutters, thru spindle coolant, threaded shank & pilot pin

* all arbors are 3MT

For parts breakdown of arbors, contact FEIN Power Tools.

GENERAL ACCESSORIES

Adaptor



Adaptor
QuickIN - Weldon (Hougen Rotobroach) 1/4" pilot pins.

	Part Number
Adaptor	6 39 01 024 01 9

Arbor Extensions



Arbor extensions
For use on 1 5/16" or larger cutters.

	Part Number
2" arbor extension	6 31 06 020 98 0
3" arbor extension	6 31 06 021 98 0
4" arbor extension	6 31 06 022 98 0
6" arbor extension	6 31 06 023 98 0

Magbrush



Magbrush
Safely remove metal chips and debris from machinery and work areas. The slide action lever demagnetizes the tool, which releases chips disposal.

	Part Number
Magbrush, 15" long	6 42 01 002 98 0
Magbrush, 3' long	6 42 01 003 98 0

Chucks and adaptors



Convert drilling machines into portable drill presses in seconds. Ideal for small and blind hole applications.

	Part Number
1/2" chuck and adaptor for JME USA 101	6 42 98 190 10 0
3/4" chuck and adaptor for JME USA 5	6 42 98 102 15 3
3/4" chuck and adaptor for JMU 4x4	6 42 98 030 65 0
1/2" chuck and adaptor JHM 2x2	6 42 98 072 02 0
1/2" chuck and adaptor JHM Holeyaker	6 42 98 083 01 0
1/2" chuck and adaptor JME Holeyaker II	6 42 98 190 14 0
1/2" chuck for JMU and JMA 312	6 39 01 023 02 0
5/8" chuck for JMU and JMA 312	6 39 01 023 01 1
1/2" chuck for JMU 256/200 and JMA 200 Auto	6 99 08 195 34 6
5/8" chuck for JMU 256/200 and JMA 200 Auto	6 99 08 195 27 5

Twist drill sets



Twist drill sets
Twist drill sets with 3/4" Straight shank are available to drill holes smaller than an annular cutter will allow. 2 in DOC.

	Part Number
Standard set, 1/4", 5/16", 3/8", 7/16"	6 42 98 050 00 0
Metric set includes, 6 mm, 8 mm, 10 mm, 12 mm	6 42 98 055 00 0
1/4"	6 42 98 050 02 0
5/16"	6 42 98 050 04 0
3/8"	6 42 98 050 03 0
7/16"	6 42 98 050 05 0
6 mm	6 42 98 055 06 0
8 mm	6 42 98 055 08 0
10 mm	6 42 98 055 10 0
12 mm	6 42 98 055 12 0

Countersinks



Countersinks
Countersinks for chamfering previously drilled holes in steel.

	Part Number
1" Countersink	6 42 98 100 82 0
1" Countersink	6 42 98 100 82 1
2" Countersink	6 42 98 200 82 0

Cutting fluid and paste



Cutting fluid and paste
Sluggo lubricant is a water based fluid designed to extend tool life, improve surface finish and reduce heat build-up. For use in a wide variety of metal working applications.

	Part Number
Cutting fluid (1 quart)	3 21 32 032 98 0
Cutting fluid case (12 quarts)	3 21 32 032 98 2
Cutting fluid (1 gallon)	6 42 98 102 08 0
Cutting fluid case, (4 gallons)	6 42 98 102 08 4
Cutting fluid (5 gallon)	6 42 98 102 09 0
Cutting paste (10 oz. tube)	3 21 60 015 98 0
Cutting paste (12 10 oz. tubes)	3 21 60 015 98 2

Coolant bottles



Coolant bottles
External coolant bottles for JME, JMU.

	Part Number
Coolant bottle for 4 x4	3 21 98 151 51 1
Coolant bottle for 4 x 4, includes coolant connector	3 21 98 151 51 3
Magbot for USA 101 and Holeyaker II	3 21 98 190 05 0

Hand pump



Hand pump
Capacity approx. 15 fl. oz. Suitable for FEIN magnetic base drilling units.

	Part Number
Hand pump	3 21 32 022 00 7

Replacement hose

Replacement hose
Fits hand pump 3 21 32 022 00 7.

	Part Number
Replacement hose	3 14 14 070 01 0

Flexible swivel hose



Flexible swivel hose
Fits JMU 200 Q-1, JMU 200 U, JMU 200 Auto, and JMU 265 U, for use with twist drills.

	Part Number
Flexible swivel hose	3 14 14 054 00 8

Vacuum plate



Vacuum plate

For non-magnetic materials and textured surfaces, such as checkered plate. This requires the vacuum pump.
Vacuum plate 15-9/16 x 7-7/8 x 3-3/4 in [396 x 200 x 95 mm].

Part Number

For all mag stands except 312 9 26 02 057 01 7

For all mag stands including 312 15-9/16 x 13-3/4 x 3-3/4 [396 x 350 x 95mm].
9 26 02 085 01 0

Vacuum pump



Vacuum pump

Suction rate 0.015 m³/min. -0.8 bar, 92 W, weight 2.5 kg, including suction hose.

Part Number

9 26 01 022 01 3

Suction plate



Suction plate

For non-magnetic materials, 9-3/16 x 13 x 4-5/16 in [250 x 330 x 110 mm].

Part Number

9 26 02 054 01 6

Pipe drilling device



Pipe-drilling device

Including clamping strap, for drilling holes in pipe with Ø from 2-3/8 to 11-13/16 in [60 to 300 mm], 8-11/16 x 5-1/8 in [220 x 130 mm] including suction hose.

Part Number

9 26 02 055 01 0

Suction plate



Suction plate

For non-magnetic materials, 9-3/16 x 13 x 4-5/16 in [250 x 330 x 110 mm] Can't be used for Auto series, JMU 312.

Part Number

9 26 02 054 01 6

Chain base



Chain base

Designed for a variety of pipe and tube drilling applications. The chain base is used to attach your JME, JMC Magnetic base drill to curved surfaces for drilling operations.

Part Number

For JME USA 101 9 07 98 190 20 0

For JMC Magforce and JME USA 5 9 07 98 541 48 0



Hand-guided core drilling in metal. Incredibly simple.

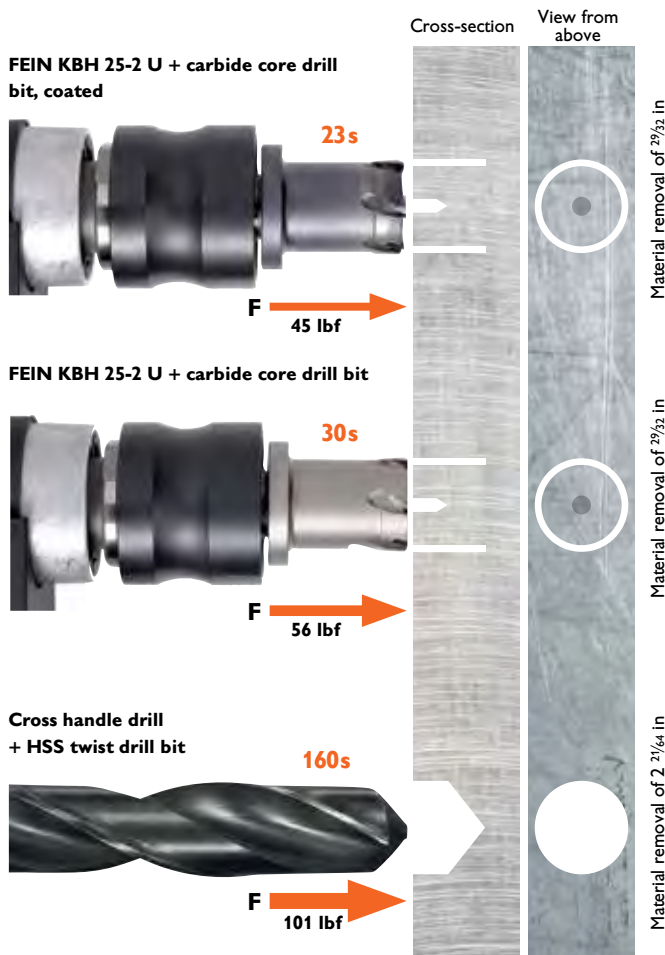
Power and portability: the FEIN KBH 25-2 U is the only hand-guided metal core drilling system. The perfect interaction of powerful handheld drill, optimum speed, patented drilling technology and carbide core drill bits with special cutting geometry guarantees that you can save huge amounts of time and money. The FEIN KBH 25 is up to 6 times faster than twist drilling and up to 3 times faster than the carbide hole saws now established on the market.

The benefits for you:

- ▶ Powerful for excellent work performance.
- ▶ Unique cost-effectiveness due to innovative drilling technology.
- ▶ Maximum flexibility and versatility.
- ▶ Optimum handling due to low feed force.

Faster working due to innovative drilling technology

1 3/16 in deep center drilling at 1,600 rpm followed by decoupling of centering drill and automatic change of speed to 520 rpm to set optimum cutting speed for carbide core drill. With its specially developed cutting geometry, the carbide core drill bit achieves the desired hole diameter with little effort on the user's part.



Test conditions: Material: S235, material thickness: 10 mm, core bit diameter: 18 mm, number of holes: 6

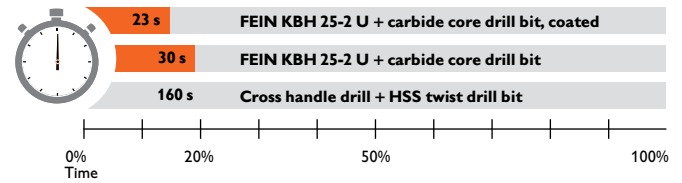


KBH 25-2 U

Hand-guided 2-speed metal core drilling system for universal use of core drills and twist drills.

Ideal for universal use due to manually controlled second gear for core drilling in metal, hole sawing in sheet metal, twist drilling, tapping and countersinking.

Up to 6 times faster than twist drilling





Flexible: Clockwise/anti-clockwise operation and speed setting

For infinitely variable adjustment of speed to particular processes. Clockwise/anti-clockwise operation for universal use.

Tool-free: FEIN QuickIN PLUS

Change in a matter of seconds. One click and the tool is perfectly secured.



Powerful: FEIN high-power motor

FEIN 1200 W high-power motor with tacho electronics for high speed stability and economical operation.

Fast: Innovative drilling technology

Rapid work progress and short drilling times with considerably less effort due to innovative drilling technology and special core drill bit cutting geometry.

Extremely safe: Slipping clutch


Protects the user by isolating the output side from the drive side in the event of overload.



Experience the FEIN KBH 25 for yourself!
www.fein-kbh25.com





Technical data			
Model		KBH 25-2 U	
			
Core drilling in metal		▲▲	
Sawing holes in sheet metal		▲▲	
Twist drilling		▲▲	
Tapping		▲▲	
Countersinking		▲▲	
Hole Ø in steel/stainless steel, carbide core drill	in (mm)	1 (25)	
Hole Ø in light metal, carbide core drill	in (mm)	1 3/16 (30)	
Carbide core drill, max. bit drilling depth	in (mm)	25/32 (20)	
Hole Ø in steel/stainless steel, carbide hole saw	in (mm)	3 1/8 (80)	
Carbide hole saw, max. bit drilling depth	in (mm)	5/32 (4)	
Hole Ø in steel/stainless steel, twist drill	in (mm)	5/8 (16)	
Tapping max.	in (mm)	1/2 (M 12)	
Countersinking max. Ø	in (mm)	1 7/32 (31)	
Power consumption	W	1200	
Power output	W	680	
Load speed	Center drilling	rpm	0-1600
	1st gear (core drilling)	rpm	0-520
	2nd gear (twist drilling)	rpm	0-1600
Torque at max. output power / stall torque	lbs f/in (Nm)	443 (50)	
Collar Ø	in (mm)	1 11/16 (43)	
Core drill fitting (tool-free)		FEIN QuickIN PLUS	
Cable with plug	ft (m)	13 (4)	
Width across corners	in (mm)	1 5/8 (27)	
Weight according to EPTA*	lbs (kg)	7.3 (3.3)	
** Torque slipping clutch		■	
Clockwise/anti-clockwise		■	
Acceleration electronics		■	
Speed preselection		■	
Tacho control		■	
Includes	1 metal core drill, 1 centring bit, 1 quick-clamping chuck, 1 additional handle, 1 cutting spray, 1 plastic tool case		
Order number	7 271 03 61 09 0		

▲ suitable

▲▲ very suitable

* EPTA = European Power Tool Association

**no manual changeover possible



FEIN. Durable power tools.

FEIN is the specialist for professional and extremely reliable power tools and special application solutions in the metal, interior and automotive sectors. As the inventor of the electric hand drill, FEIN has been developing innovative and unbeatably efficient solutions for everyday use which can also stand up to the toughest continuous use in industry and trade for over 150 years.



**Quick registration – extended warranty period:
The 3-year FEIN PLUS warranty.**

We offer the 3-year FEIN PLUS warranty for all your FEIN power tools. All you need to do is register your new FEIN product at www.fein.com/warranty within 6 weeks of purchase.

**For Magnetic base drill repairs and
annular cutter remanufacturing:**

FEIN Power Tools, Inc.
2735 Hickory Grove Road
Davenport, IA 52804
Phone: 800-441-9878
magdrillrepair@feinus.com

Your specialist dealer will be happy to help:

USA: FEIN Power Tools Inc.
1000 Omega Drive, Suite 1180, Pittsburgh, PA 15205
Toll Free: 1-800-441-9878
www.feinus.com

Germany: C.& E. FEIN GmbH
Hans-Fein-Straße 81, 73529 Schwäbisch Gmünd-Bargau