

► METAL

FEIN. Unverwüstliche
Elektrowerkzeuge.



Tough drilling tasks made easy.

FEIN magnetic core drills KBM and KBB – Leaders in quality and performance.



NEW!

**KBM 50 / 65 –
The best ever.**

Core drilling expertise from the inventor of the power drill.

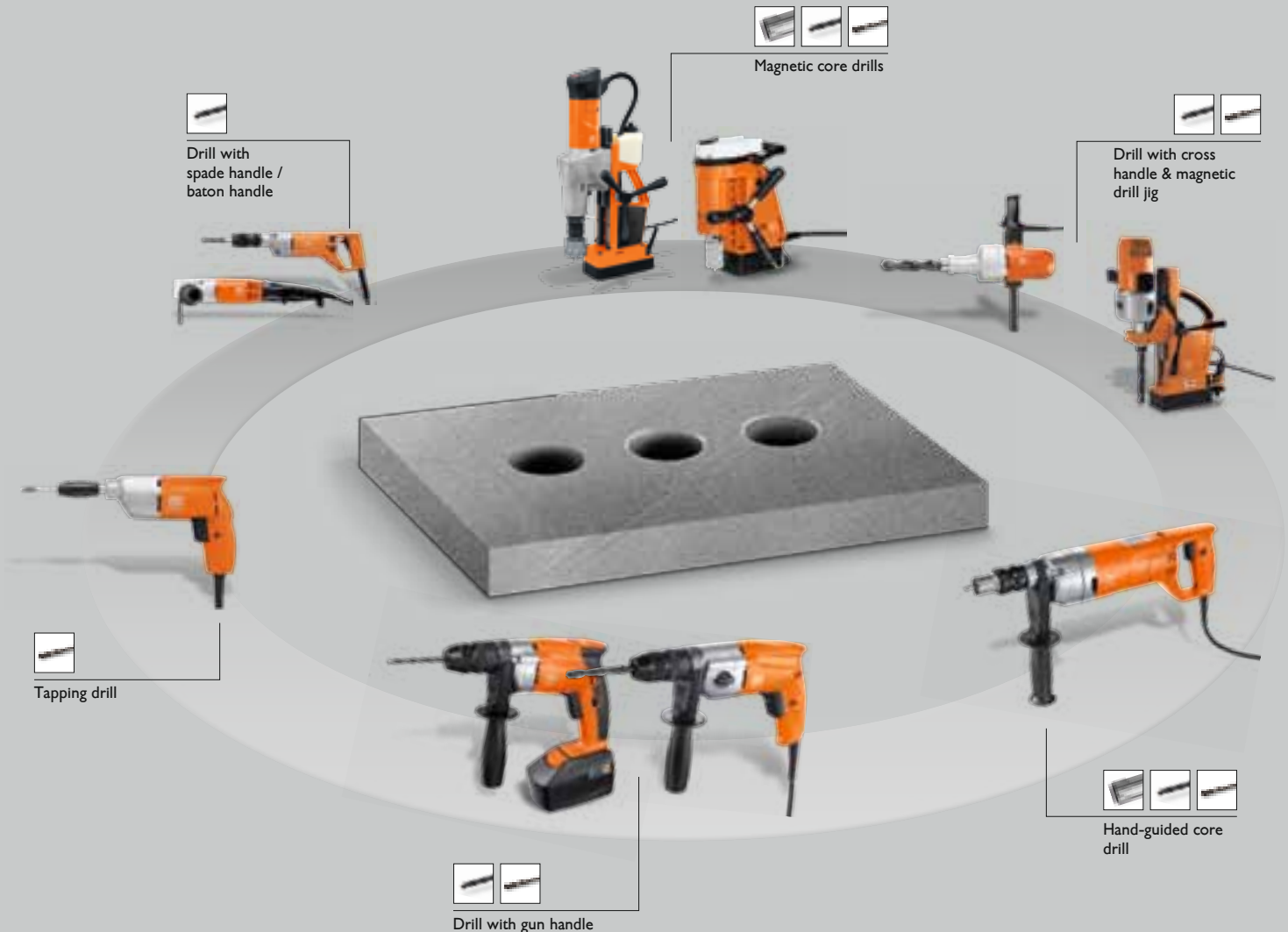
In 1895, FEIN invented the world's first electric hand drill, and in 1909, first electromagnetic drill GMAZ. The same spirit of innovation and German-built quality goes into every FEIN drill. With more than 115 years of ongoing development, FEIN has succeeded in perfecting metal drilling technology. Professionals put their trust in the long-life quality of FEIN and rightly so.

The benefits:

- ▶ First-class materials and excellent workmanship – premium quality from one source.
- ▶ Performance and quality leader for core drilling.
- ▶ Tool, core drill and system accessories are precisely matched to one another – perfect for drilling in steel, stainless steel or aluminium.
- ▶ Two series cover all applications – from core drilling and twist drilling to countersinking and tapping.

Perfectly matched to every application.

FEIN has the right tool for every metal drilling application. For drilling, core drilling, tapping or angle drilling. From lightweight 1- and 2-speed tools, robust 4-speed cross handle drills and angle drills to magnetic core drills for large diameters. Perfectly matched, extensive system accessories are always available.





1909



2013

FEIN magnetic core drills

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FEIN core drills, accessories and useful information

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Two series: KBM and KBB. Outstanding performance, quality and technology.

The FEIN KBM-series:

- ▶ Universal use, high-quality tools.
- ▶ Extremely long-life construction.
- ▶ Maximum quality.
- ▶ With optimised speed for carbide core drill bits.
- ▶ Optimum power-to-weight ratio.

The FEIN KBB-series:

- ▶ Offers basic functionality for core drilling work.
- ▶ Durable construction, developed especially for tough applications.
- ▶ Renowned FEIN quality.
- ▶ With optimised speed for HSS core drill bits.

KBM series – for universal use.

FEIN high-power motor

Very powerful, with high delivery of power for reliable and economical drilling.

Long-life design

Designed for use in industry and manual trades.

Extra-large stroke range

The double drill motor guide enables use with very large drilling tools.

FEIN QuickIN

Tool-free core drill changes in a matter of seconds. One click and the tool is in the perfect location.

Operating concept



Control panel in direct line of sight of user – simple, intuitive, easily identifiable.

Motor cable

Positioned centrally with swivel bearings. Avoids the risk of the cable getting caught or snagging on the workpiece.

Feed handwheel

The feed handwheel can be transferred to the other side when working in confined spaces.



Functions and applications at a glance.

		KBM series	KBB series
Application			
Speed optimised for		Carbide core drill bit	HSS core drill bit
Cutting speed in steel (S235)	m/min	45	25
Bit tool mounting		QuickIN	¾" Weldon
Core drilling		▲▲	▲▲
Twist drilling		▲▲	
Tapping / reaming / countersinking		▲▲	
Technical features			
Magnetic holding force		▲▲	▲
Quick bit change system		▲▲	
Extra-large stroke range		▲▲	
Weight / compact design		▲▲	▲

	KBM series	KBB series
Equipment		
Clockwise/anti-clockwise operation	●	
MT holder	●	
Electronic speed setting	●	
Integrated cooling lubricant unit	●	●
Fully-automatic drilling	●*	
Quality		
Continuous / intensive use	▲▲	▲
Material quality and workmanship	▲▲	▲
Coordinated system components	▲▲	▲

▲ good / well suited ▲▲ very good / very well suited ● present

*only with KBM auto

KBB series – focused on core drilling applications.



Universal motor

Stable torque – with good delivery of power when core drilling.

Solid construction

Good results from high material quality and workmanship of all components.

Motor cable

Internal motor cable guide. No getting caught or snagging on the workpiece.

Feed handwheel

The feed handwheel can be transferred to the other side when working in confined spaces.

FEIN KBM series: Lightweight and powerful – for universal use.

The manual FEIN KBM series includes five high-quality magnetic core drills for universal use – from the compact assembly tool KBM 32 Q to the workshop tool KBM 80 U. Every tool is designed for optimum results, incredibly simple use and long service life.

The benefits:

- ▶ Maximum versatility.
- ▶ Very simple operation.
- ▶ Outstanding service life and reliability
- ▶ Optimised speed for use with carbide core drill bits.



KBM 32 Q
Compact with high mobility for installation jobs.



KBM 50 Q
Incredibly easy-to-use lightweight 2-speed gearbox for efficient drilling in the workshop and on the construction site.



KBM 50 U
Universal with 2-speed gearbox and maximum functionality for flexible working in the workshop and on the construction site.



KBM 65 U
Powerful with 2-speed gearbox and maximum functionality for universal and efficient working in the workshop.



KBM 80 U
High-power with 3-speed gearbox and maximum functionality for universal and efficient working in the workshop.

	KBM 32 Q	KBM 50 Q	KBM 50 U	KBM 65 U	KBM 80 U
Core drilling in metal, up to 32 mm in diameter	▲▲	▲▲	▲▲	▲▲	▲▲
Core drilling in metal, up to 50 mm in diameter		▲▲	▲▲	▲▲	▲▲
Core drilling in metal, up to 65 mm in diameter				▲▲	▲▲
Core drilling in metal, up to 80 mm in diameter					▲▲
Use of carbide core drill bits	▲▲	▲▲	▲▲	▲▲	▲▲
Use of HSS core drill bits	▲	▲	▲	▲	▲
Twist drilling with drill chuck (DIN 338)	▲▲	▲▲	▲▲	▲▲	▲▲
Twist drilling with MT holder (DIN 345)			▲▲	▲▲	▲▲
Tapping	▲*	▲▲	▲▲	▲▲	▲▲
Countersinking		▲	▲▲	▲▲	▲▲
Reaming		▲	▲▲	▲▲	▲▲
Working with one hand		▲▲	▲▲	▲▲	▲▲
Working overhead	▲▲	▲▲	▲▲	▲▲	▲
Installation work	▲▲	▲▲	▲▲	▲▲	▲
Workshop jobs	▲▲	▲▲	▲▲	▲▲	▲▲

▲ well suited ▲▲ very well suited *only with thread cutting tool

The compact choice: KBM 32 Q.

The KBM32 Q offers impressive low weight, compact dimensions and ease of handling: It is easy to attach to the workpiece and enables reliable working – even if you're working vertically or overhead.



The benefits:

- ▶ Small and extremely light, with excellent handling for vertical and overhead use.
- ▶ QuickIN rapid change system for fast tool changes without a wrench.
- ▶ Double drill motor guide for use with very large drilling tools.

Features:

- ▶ FEIN high-power motor with stable speed.
- ▶ High magnetic holding force.
- ▶ Internal cooling.

Technical data

Model	KBM 32 Q	
Carbide core drill max. diameter	mm	32
HSS core drill max. diameter	mm	32
Core drill, max. drilling depth	mm	50
Twist drill max. diameter	mm	13
Tapping max.	M	12
Power consumption	W	700
Power output	W	450
Idling speed	rpm	550
Load speed	rpm	440
Core drill holder	QuickIN	
Stroke / stroke range	mm	135/260
Magnetic holding force	N	9 000
Magnetic foot dimensions	mm	160 x 80
Cable with plug	m	4
Weight according to EPTA	kg	10.5
Order number	7 270 27	

Applications:



Core drilling



Twist drilling with drill chuck



Tapping with tapping tool



Included in price: 1 case, 1 coolant pump, 1 lashing strap, 1 centring pin 105 mm, 1 contact guard

Extensive accessories: from page 16

The flexible choice: KBM 50 Q and KBM 50 U.

The KBM 50 Q is one of the lightest 2-speed tools in its segment and offers an extended area of application.

The lightweight KBM 50 U 2-speed tool with MT3 holder offers a universal range of applications and high flexibility for all applications.



The benefits:

- ▶ Compact with high functionality for universal use on construction site and in the workshop.
- ▶ Simple operating concept avoids mix-ups and can be clearly seen by the user.
- ▶ Double drill motor guide for use with very large drilling tools.

Features:

- ▶ Clockwise/anti-clockwise rotation
- ▶ Electronic speed setting.
- ▶ FEIN high-power motor with stable speed.
- ▶ High magnetic holding force.
- ▶ Convenient magnetic holding force display.
- ▶ Integrated coolant tank.
- ▶ Feed handwheel can be moved from one side to the other.

Only for KBM 50 U

- ▶ MT3 interface.

Applications:



Core drilling



Twist drilling



Tapping

Technical data

Model		KBM 50 Q	KBM 50 U
Carbide core drill max. diameter	mm	50	50
HSS core drill max. diameter	mm	40	40
Core drill drilling depth (optional)	mm	50	50 (75*)
Twist drill max. diameter	mm	16	23
Tapping max.	M	16	16
Countersinking max. diameter	mm	31	50
Reaming max. diameter	mm	16	23
Power consumption	W	1200	1200
Power output	W	610	610
Load speed			
1st speed	rpm	130–260	130–260
2nd speed	rpm	260–520	260–520
Core drill holder		QuickIN	QuickIN
Tool mounting	MT	–	3
Stroke / stroke range	mm	145/315	145/315
Magnetic holding force	N	12500	12500
Magnetic foot dimensions	mm	195 × 90	195 × 90
Cable with plug	m	4	4
Weight according to EPTA	kg	13.2	13.9
Order number		7 270 41 61	7 270 40 61

*optional with accessories



KBM 50 Q (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centring pin, 105 mm, 1 contact guard

KBM 50 U (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centring pin 105 mm, 1 contact guard, 1 drift key

Extensive accessories: from page 16

The powerful choice: KBM 65 U and KBM 80 U.

The 2-speed tool KBM 65 U combines a compact design with good output. Its universal equipment provides increased functionality in the workshop.

The powerful KBM 80 U with 3-speed gearbox and high speed stability is designed for heavy-duty drilling in the workshop.



The benefits:

- ▶ Speed stability even in tough applications.
- ▶ Fine adjustment of the drill spindle for convenient tool alignment.
- ▶ Double drill motor guide for use with very large drilling tools.

Features:

- ▶ Clockwise/anti-clockwise rotation
- ▶ Electronic speed setting.
- ▶ MT 3 interface.
- ▶ High magnetic holding force.
- ▶ Convenient magnetic holding force display.
- ▶ Integrated coolant tank.

Only for KBM 80 U

- ▶ Mechanical three-speed gearbox.
- ▶ Automatic coolant supply.
- ▶ Slipping clutch torque.

Technical data

Model		KBM 65 U	KBM 80 U
Carbide core drill max. diameter	mm	65	80
HSS core drill max. diameter	mm	45	65
Core drill drilling depth (optional)	mm	50 (75*)	50
Twist drill max. diameter	mm	25	32
Tapping max.	M	20	27
Countersinking max. diameter	mm	50	50
Reaming max. diameter	mm	25	31
Power consumption	W	1300	2000
Power output	W	730	900
Load speed			
1st speed	rpm	120 – 240	110 – 180
2nd speed	rpm	260 – 520	160 – 260
3rd speed	rpm		350 – 580
Core drill holder		QuickIN	QuickIN
Tool mounting	MT	3	3
Stroke / stroke range	mm	145/315	145/285
Adjustment range for drill jigs	mm	± 6	± 4.25
Swivel range for drill jigs		± 7°	± 11°
Magnetic holding force	N	14000	18000
Magnetic foot dimensions	mm	205 × 95	270 × 90
Cable with plug	m	4	4
Weight according to EPTA	kg	16.1	25.4
Order number		7 270 43 61	7 270 34

*optional with accessories

Applications:



Core drilling



Twist drilling



Tapping



KBM 65 U (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centring pin 105 mm, 1 contact guard, 1 drift key

KBM 80 U (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 2 centring pins, 1 contact guard, 1 drift key, 1 QuickIN MAX/ MT3 tool mounting

Extensive accessories: from page 16

The FEIN KBM auto series – unrivalled efficiency for series drilling.

The FEIN KBM auto series is setting new work standards: The automatic drill feed enables reproducible drilling times and constant work progress in all common materials. It saves a lot of time and money, particularly for large drilling jobs. The digitally controlled drill feed achieves new levels of workshop and installation efficiency.

The benefits:

- ▶ Saves time and money when producing a large number of holes.
- ▶ Constant work progress.
- ▶ Reproducible drilling times.
- ▶ Longer core drill service life.
- ▶ Takes the strain off the operator’s body.
- ▶ Optimised speed for use with carbide core drill bits.



KBM 50 auto

Lightweight and clever, fully automatic 2-speed tool. Saves time and money in the workshop and on the construction site.



KBM 80 auto

High-power and clever, fully automatic 3-speed tool for maximum efficiency in the workshop.

	KBM 50 auto	KBM 80 auto
Core drilling in metal, up to 32 mm in diameter	▲▲	▲▲
Core drilling in metal, up to 50 mm in diameter	▲▲	▲▲
Core drilling in metal, up to 65 mm in diameter		▲▲
Core drilling in metal, up to 80 mm in diameter		▲▲
Use of carbide core drill bits	▲▲	▲▲
Use of HSS core drill bits	▲	▲
Twist drilling with drill chuck (DIN 338)	▲▲*	▲▲*
Twist drilling with MT holder (DIN 345)	▲▲*	▲▲*
Tapping	▲▲*	▲▲*
Countersinking	▲▲*	▲▲*
Reaming	▲▲*	▲▲*
Fully-automatic drilling	▲▲	▲▲
Working with one hand	▲▲	▲▲
Working overhead	▲▲	▲
Installation work	▲▲	▲
Workshop jobs	▲▲	▲▲

▲ well suited ▲▲ very well suited *only in manual tool mode

The efficient choice: KBM 50 auto and KBM 80 auto.

The powerful KBM 50 auto is as efficient as it is mobile: Its compact design and low weight enable use either on the construction site or in the workshop.

The high-power workshop tool KBM 80 auto with its drill feed ensures reproducible drilling times and constant work progress in all common metals.



The benefits:

- ▶ Saves time and money when producing a large number of holes thanks to the digitally controlled drill feed.
- ▶ Thanks to reproducible and timed drilling times, working hours for commissioned and serial work can be planned.
- ▶ Universal work, such as tapping in manual tool mode thanks to clockwise/anti-clockwise rotation and MT3 interface.

Features:

- ▶ FEIN high-power motor with stable speed.
- ▶ Electronic speed setting.
- ▶ High magnetic holding force.
- ▶ Convenient magnetic holding force display.
- ▶ Integrated coolant tank.
- ▶ Tilt sensor.
- ▶ Controls which can be clearly seen.

Only for KBM 80 auto

- ▶ Mechanical three-speed gearbox.
- ▶ Automatic coolant supply.
- ▶ Torque slipping clutch.

Technical data

Available from
4th quarter of 2013

Model		KBM 50 auto	KBM 80 auto
Carbide core drill max. diameter	mm	50	80
HSS core drill max. diameter	mm	40	65
Core drill drilling depth (optional)	mm	50 (75**)	50
Twist drill max. diameter	mm	18/23*	18/32*
Thread cutting max.	M	16*	27*
Countersinking max. diameter	mm	50*	50*
Reaming max. diameter	mm	23*	31*
Power consumption	W	1200	2000
Power output	W	610	900
Load speed			
1st speed	rpm	130–260	110–180
2nd speed	rpm	260–520	160–260
3rd speed	rpm	–	350–580
Core drill holder		QuickIN	QuickIN
Tool mounting	MT	3	3
Stroke / stroke range	mm	145/315	145/285
Adjustment range for drill jigs	mm	–	± 4,25
Swivel range for drill jigs		–	± 11°
Magnetic holding force	N	12 500	18 000
Magnetic foot dimensions	mm	195 × 90	270 × 90
Cable with plug	m	4	4
Weight according to EPTA	kg	16.2	26.4
Order number		7 270 42 61	7 270 32

*only in manual tool mode ** optional with accessories

Applications:



Core drilling



Twist drilling



Tapping



KBM 50 auto (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 1 centring pin 105 mm, 1 drift key, 1 contact guard

KBM 80 auto (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 2 centring pins, 1 contact guard, 1 drift key, 1 QuickIN MAX/ MT3 tool mounting

Extensive accessories: from page 16

FEIN KBB series: Solid basic functionality – focused on core drilling applications.

With four different models, the FEIN KBB series includes the optimum tool for every workshop and installation application – from the compact FEIN KBB 30 for core drilling in tight and difficult-to-reach spots to the powerful 2-speed tool KBB 60 for use in the workshop. Every tool in the range is designed to be reliable and economical, delivering precise results.

The benefits:

- ▶ Basic core drilling function
- ▶ Sturdy construction for tough applications.
- ▶ Internal motor cable guide.
- ▶ Optimised speed for use with HSS core drill bits.



KBB 30
Extremely compact for drilling on the construction site.



KBB 38
For precision drilling on the construction site.



KBB 40
Compact with fixed drill motor for work in tight spaces.



KBB 60
With two-speed gearbox for drilling jobs in the workshop, cutting depth up to 75 mm.

	KBB 30	KBB 38	KBB 40	KBB 60
Core drilling in metal, up to 30mm in diameter	▲ ▲	▲ ▲	▲ ▲	▲ ▲
Core drilling in metal, up to 40mm in diameter			▲ ▲	▲ ▲
Core drilling in metal, up to 60mm in diameter				▲ ▲
Use of HSS core drill bits	▲ ▲	▲ ▲	▲ ▲	▲ ▲
Use of carbide core drill bits	▲	▲	▲	▲
Working with one hand	▲ ▲	▲ ▲	▲ ▲	▲ ▲
Working overhead	▲ ▲	▲ ▲	▲ ▲	▲
Installation work	▲ ▲	▲ ▲	▲ ▲	▲
Workshop jobs	▲ ▲	▲ ▲	▲ ▲	▲ ▲

▲ well suited ▲ ▲ very well suited

The extremely compact choice: KBB 30 and KBB 40.

The FEIN KBB 30 with its extremely compact tool design is ideally suited to core drilling in tight and difficult-to-reach spots and for installation work at height.

The FEIN KBB 40 is a core drilling unit for diameters of up to 40 mm. Designed for installation work, it features a spindle sleeve feed function. Its minimal dimensions and fixed drill motor make it perfect for tight spaces.



The benefits:

- ▶ Extremely compact with perfect power-to-weight ratio for work at height and in tight spaces.
- ▶ Feed handwheel can be moved from one side to the other for use in special work situations.
- ▶ Concealed motor wiring prevents wires from snagging or getting caught on the workpiece.

Features:

- ▶ Internal cooling.
- ▶ Easy guide adjustment.

Only for KBB 40

- ▶ Solid die-cast aluminium construction.
- ▶ Fixed drill motor.

Applications:



Core drilling

Technical data

Model		KBB 30	KBB 40
HSS core drill max. diameter	mm	30	40
Max. bit drilling depth	mm	50	50
Power consumption	W	750	1100
Power output	W	430	610
Idling speed	rpm	680	450
Load speed	rpm	430	280
Core drill holder		3/4" Weldon	3/4" Weldon
Stroke	mm	65	65
Magnetic holding force	N	8000	9000
Magnetic foot dimensions	mm	178 x 95	165 x 102
Cable with plug	m	3.8	3.8
Weight according to EPTA	kg	10	13.1
Order number		7 272 01	7 272 03



KBB 30 (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 2 centring pins, 1 x 5 mm socket head wrench, 1 contact guard

KBB 40 (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 2 centring pins, 1 contact guard, 1 x 5 mm socket head wrench

Extensive accessories: from page 16

The choice for precision drilling: KBB 38 and KBB 60.

The KBB 38 is particularly efficient. A special drill spindle guide makes this a highly durable tool and delivers precision drilling.

With its powerful 2-speed gearbox, special drill spindle guide and an extra long drill shaft, the FEIN KBB 60 is even suited to cutting depths of up to 75 mm.



The benefits:

- ▶ Stable torque drill motor for challenging core drilling.
- ▶ Special drill spindle guide maintains concentricity and ensures reliable core ejection.
- ▶ Solid die-cast aluminium construction for work under adverse conditions.

Features:

- ▶ Integrated coolant tank.
- ▶ Internal motor cable guide.
- ▶ Extra handle for easy transport.
- ▶ Feed handwheel can be moved from one side to the other.

Only for KBB 60

- ▶ Mechanical two-speed gearbox.
- ▶ Extra long drill shaft for 75 mm cutting depth.

Applications:



Core drilling

Technical data

Model		KBB 38	KBB 60
HSS core drill max. diameter	mm	38	60
Max. bit drilling depth	mm	50	75
Power consumption	W	1 050	1 400
Power output	W	530	770
Idling speed			
1st speed	rpm	480	330
2nd speed	rpm	–	660
Load speed			
1st speed	rpm	330	180
2nd speed	rpm	–	340
Core drill holder		¾" Weldon	¾" Weldon
Stroke	mm	65	92
Magnetic holding force	N	9 000	11 000
Magnetic foot dimensions	mm	160 × 102	191 × 102
Cable with plug	m	3.8	3.8
Weight according to EPTA	kg	14.4	23.9
Order number		7 272 02	7 272 04



KBB 38 (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, centring pins, 1 contact guard, 1 x 5 mm socket head wrench, 1 carry handle

KBB 60 (included in price): 1 case, 1 coolant tank, 1 lashing strap, 1 swarf hook, 2 centring pins, 1 contact guard, 1 x 5 mm socket head wrench, 1 carry handle

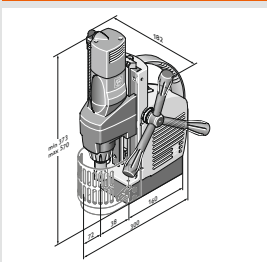
Extensive accessories: from page 16



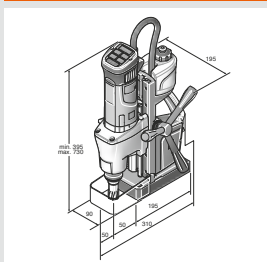
The tools and their dimensions.

KBM

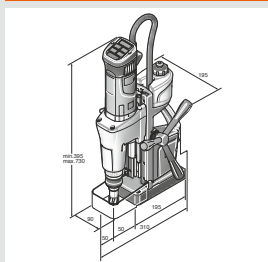
KBM 32 Q



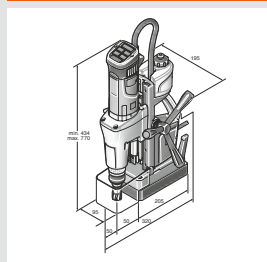
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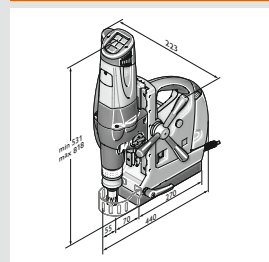
KBM 50 U



KBM 65 U

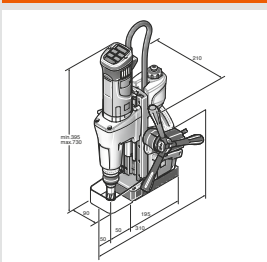


KBM 80 U

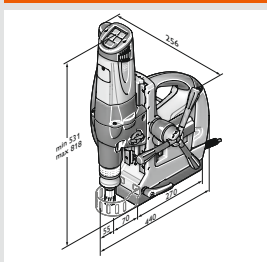


KBM auto

KBM 50 auto

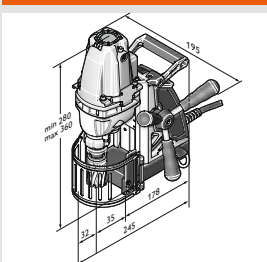


KBM 80 auto

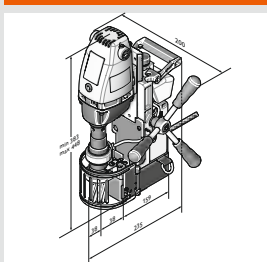


KBB

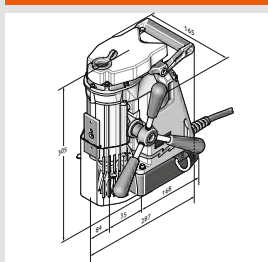
KBB 30



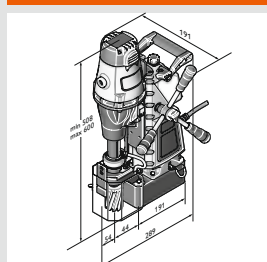
KBB 38



KBB 40



KBB 60



Tough jobs need tough tools.

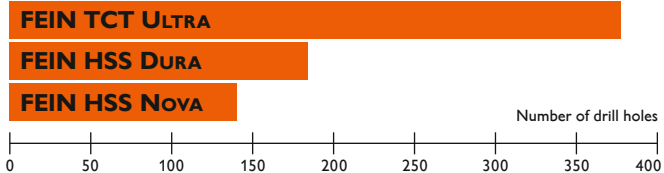
No matter what your material or application, whether your diameter is 80 mm or your cutting depth is 75 mm – FEIN’s extensive range of core drills will have the right tool for your job.

TCT ULTRA: Durable and powerful in all metals

HSS DURA: TiN coating, perfect for steel and stainless steel.

HSS NOVA: Resistant to shock and impact in steel construction and on the construction site

Comparison of FEIN core drill tool lives



Material: C 45 steel, 30 mm thick, diameter: 18 mm

FEIN core drills at a glance		FEIN TCT ULTRA			FEIN HSS DURA		FEIN HSS NOVA	
Core drill holder		QuickIN **QI MAX	3/4" Weldon	M18 x 6	QuickIN	3/4" Weldon	QuickIN	3/4" Weldon
Hole diameter in mm								
Cutting depth in mm	25				Ø 12-50	Ø 12-60	Ø 12-50	Ø 12-60
	35	Ø 12-65	Ø 12-60					
	50	**Ø 50-80	Ø 12-65	Ø 12-65	Ø 12-50	Ø 12-60	Ø 12-50	Ø 12-60
	75	Ø 18-65	Ø 18-65					Ø 19-60
Material								
Aluminium < 10 % Si < 600 N/mm ²					▲		▲▲	
Aluminium > 10 % Si < 600 N/mm ²					▲		▲	
Steel < 500 N/mm ²			▲▲▲		▲▲▲		▲▲▲	
Steel < 750 N/mm ²			▲▲▲		▲▲▲		▲▲	
Steel < 900 N/mm ²			▲▲▲		▲▲		▲	
Steel < 1100 N/mm ²			▲▲		▲			
Stainless steel < 700 N/mm ²			▲▲		▲▲		▲	
Stainless steel > 700 N/mm ²			▲▲		▲			
Cast iron (grey, ductile) < 300 N/mm ²			▲▲▲				▲	
Brass (CuZn) < 500 N/mm ²			▲▲					
Hard-to-cut materials			▲▲		▲			
Rails			▲					
Surface								
Flat surfaces			▲▲▲		▲▲▲		▲▲▲	
Structured, offset surfaces			▲		▲▲		▲▲	
Pipe / round surfaces			▲▲		▲▲		▲▲	
Special applications								
Dry drilling			▲▲▲		▲▲▲		▲	
Multi-layer drilling			▲		▲		▲	
Overlapping drilling			▲▲		▲▲		▲▲	

▲ well suited ▲▲ very well suited ▲▲▲ perfectly suited

FEIN TCT ULTRA

The benefits:

- ▶ Extremely long service life.
- ▶ High-quality carbide equipment.
- ▶ Outstanding cutting performance in all metals.
- ▶ Ideal for serial drilling jobs and continuous use.
- ▶ High cutting speed possible.
- ▶ Particularly cost-effective for use in the workshop in both industry and manual trades.

Service life of TCT compared with the competition

FEIN TCT ULTRA

TCT from other manufacturers



Test conditions: While TCT products from other manufacturers achieved an average result of 190 holes per core bit, the FEIN TCT ULTRA created 380 holes. Material: C 45 steel, 30mm thick, diameter: 18mm

TCT ULTRA 35 with QuickIN holder

Cutting depth 35 mm



Ø mm	Order number Pack of 1
12	6 31 27 086 01 9
13	6 31 27 087 01 3
14	6 31 27 088 01 1
15	6 31 27 089 01 5
15.5	6 31 27 238 01 1
16	6 31 27 090 01 7
17	6 31 27 091 01 6
17.5	6 31 27 239 01 5
18	6 31 27 092 01 9
19	6 31 27 093 01 3
19.5	6 31 27 240 01 7
20	6 31 27 094 01 1
21	6 31 27 095 01 5
22	6 31 27 096 01 8
23	6 31 27 097 01 2
24	6 31 27 098 01 0
25	6 31 27 099 01 4
26	6 31 27 100 01 5
26.5	6 31 27 241 01 6
27	6 31 27 101 01 4
28	6 31 27 102 01 7
29	6 31 27 103 01 1
30	6 31 27 104 01 9
31	6 31 27 105 01 3
32	6 31 27 106 01 6
33	6 31 27 107 01 0
34	6 31 27 108 01 8
35	6 31 27 109 01 2
36	6 31 27 110 01 4

37	6 31 27 111 01 3
38	6 31 27 112 01 6
39	6 31 27 113 01 0
40	6 31 27 114 01 8
41	6 31 27 115 01 2
42	6 31 27 116 01 5
43	6 31 27 117 01 9
44	6 31 27 118 01 7
45	6 31 27 119 01 1
46	6 31 27 120 01 3
47	6 31 27 121 01 2
48	6 31 27 122 01 5
49	6 31 27 123 01 9
50	6 31 27 124 01 7
51	6 31 27 125 01 1
52	6 31 27 126 01 4
53	6 31 27 127 01 8
54	6 31 27 128 01 6
55	6 31 27 129 01 0
56	6 31 27 130 01 2
57	6 31 27 131 01 1
58	6 31 27 132 01 4
59	6 31 27 133 01 8
60	6 31 27 134 01 6
61	6 31 27 135 01 0
62	6 31 27 136 01 3
63	6 31 27 137 01 7
64	6 31 27 138 01 5
65	6 31 27 139 01 9

TCT ULTRA 75 with QuickIN holder

Cutting depth 75 mm

Ø mm	Order number Pack of 1
18	6 31 27 763 01 0
19	6 31 27 764 01 0
20	6 31 27 765 01 0
21	6 31 27 766 01 0

22	6 31 27 767 01 0
23	6 31 27 768 01 0
24	6 31 27 769 01 0
25	6 31 27 770 01 0
26	6 31 27 771 01 0
27	6 31 27 772 01 0
28	6 31 27 773 01 0
29	6 31 27 774 01 0
30	6 31 27 775 01 0
32	6 31 27 776 01 0
35	6 31 27 777 01 0
36	6 31 27 778 01 0
40	6 31 27 779 01 0
45	6 31 27 780 01 0
50	6 31 27 781 01 0
55	6 31 27 782 01 0
60	6 31 27 783 01 0
65	6 31 27 784 01 0

TCT ULTRA 50 with FEIN thread

Cutting depth 50 mm



Ø mm	Order number Pack of 1
12	6 31 27 042 01 4
13	6 31 27 043 01 8
14	6 31 27 044 01 6
15	6 31 27 045 01 0
16	6 31 27 046 01 3
17	6 31 27 047 01 7
18	6 31 27 001 01 5
19	6 31 27 019 01 2
20	6 31 27 002 01 8
21	6 31 27 020 01 4

22	6 31 27 003 01 2
23	6 31 27 021 01 3
24	6 31 27 022 01 6
25	6 31 27 004 01 0
26	6 31 27 005 01 4
27	6 31 27 023 01 0
28	6 31 27 006 01 7
29	6 31 27 024 01 8
30	6 31 27 007 01 1
31	6 31 27 025 01 2
32	6 31 27 008 01 9
33	6 31 27 026 01 5
34	6 31 27 009 01 3
35	6 31 27 010 01 5
36	6 31 27 027 01 9
37	6 31 27 028 01 7
38	6 31 27 011 01 4
39	6 31 27 029 01 1
40	6 31 27 012 01 7
41	6 31 27 030 01 3
42	6 31 27 013 01 1
43	6 31 27 014 01 9
44	6 31 27 031 01 2
45	6 31 27 015 01 3
46	6 31 27 032 01 5
47	6 31 27 033 01 9
48	6 31 27 016 01 6
49	6 31 27 034 01 7
50	6 31 27 017 01 0
51	6 31 27 035 01 1
52	6 31 27 018 01 8
53	6 31 27 036 01 4
54	6 31 27 037 01 8
55	6 31 27 038 01 6
56	6 31 27 039 01 0
57	6 31 27 040 01 2
58	6 31 27 041 01 1
59	6 31 27 049 01 9
60	6 31 27 050 01 1

CARBIDE CORE DRILL BIT, METRIC

61	6 31 27 051 01 0
62	6 31 27 052 01 3
63	6 31 27 053 01 7
64	6 31 27 054 01 5
65	6 31 27 055 01 9

TCT ULTRA 35
with 3/4" Weldon fitting

Cutting depth 35 mm



Ø mm	Order number Pack of 1
12	6 31 27 714 01 0
13	6 31 27 715 01 0
14	6 31 27 716 01 0
15	6 31 27 717 01 0
16	6 31 27 718 01 0
17	6 31 27 719 01 0
18	6 31 27 720 01 0
19	6 31 27 721 01 0
20	6 31 27 722 01 0
21	6 31 27 723 01 0
22	6 31 27 724 01 0
23	6 31 27 725 01 0
24	6 31 27 726 01 0
25	6 31 27 727 01 0
26	6 31 27 728 01 0
27	6 31 27 729 01 0
28	6 31 27 730 01 0
29	6 31 27 731 01 0
30	6 31 27 732 01 0
31	6 31 27 733 01 0
32	6 31 27 734 01 0
33	6 31 27 735 01 0
34	6 31 27 736 01 0
35	6 31 27 737 01 0
36	6 31 27 738 01 0
37	6 31 27 739 01 0
38	6 31 27 740 01 0
39	6 31 27 741 01 0
40	6 31 27 742 01 0

41	6 31 27 743 01 0
42	6 31 27 744 01 0
43	6 31 27 745 01 0
44	6 31 27 746 01 0
45	6 31 27 747 01 0
46	6 31 27 748 01 0
47	6 31 27 749 01 0
48	6 31 27 750 01 0
49	6 31 27 751 01 0
50	6 31 27 752 01 0
51	6 31 27 753 01 0
52	6 31 27 754 01 0
53	6 31 27 755 01 0
54	6 31 27 756 01 0
55	6 31 27 757 01 0
56	6 31 27 758 01 0
57	6 31 27 759 01 0
58	6 31 27 760 01 0
59	6 31 27 761 01 0
60	6 31 27 762 01 0

TCT ULTRA 50
with 3/4" Weldon fitting

Cutting depth 50 mm

Ø mm	Order number Pack of 1
12	6 31 27 276 01 0
13	6 31 27 277 01 0
14	6 31 27 278 01 0
15	6 31 27 279 01 0
16	6 31 27 280 01 0
17	6 31 27 281 01 0
18	6 31 27 282 01 0
19	6 31 27 283 01 0
20	6 31 27 284 01 0
21	6 31 27 285 01 0
22	6 31 27 286 01 0
23	6 31 27 287 01 0
24	6 31 27 288 01 0
25	6 31 27 289 01 0
26	6 31 27 290 01 0
27	6 31 27 291 01 0
28	6 31 27 292 01 0
29	6 31 27 293 01 0
30	6 31 27 294 01 0

31	6 31 27 295 01 0
32	6 31 27 296 01 0
33	6 31 27 297 01 0
34	6 31 27 298 01 0
35	6 31 27 299 01 0
36	6 31 27 300 01 0
37	6 31 27 301 01 0
38	6 31 27 302 01 0
39	6 31 27 303 01 0
40	6 31 27 304 01 0
41	6 31 27 305 01 0
42	6 31 27 306 01 0
43	6 31 27 307 01 0
44	6 31 27 308 01 0
45	6 31 27 309 01 0
46	6 31 27 310 01 0
47	6 31 27 311 01 0
48	6 31 27 312 01 0
49	6 31 27 313 01 0
50	6 31 27 314 01 0
51	6 31 27 315 01 0
52	6 31 27 316 01 0
53	6 31 27 317 01 0
54	6 31 27 318 01 0
55	6 31 27 319 01 0
56	6 31 27 320 01 0
57	6 31 27 321 01 0
58	6 31 27 322 01 0
59	6 31 27 323 01 0
60	6 31 27 324 01 0
61	6 31 27 325 01 0
62	6 31 27 326 01 0
63	6 31 27 327 01 0
64	6 31 27 328 01 0
65	6 31 27 329 01 0

TCT ULTRA 75
with 3/4" Weldon fitting

Cutting depth 50 mm

Ø mm	Order number Pack of 1
18	6 31 27 785 01 0
19	6 31 27 786 01 0
20	6 31 27 787 01 0
21	6 31 27 788 01 0

22	6 31 27 789 01 0
23	6 31 27 790 01 0
24	6 31 27 791 01 0
25	6 31 27 792 01 0
26	6 31 27 793 01 0
27	6 31 27 794 01 0
28	6 31 27 795 01 0
29	6 31 27 796 01 0
30	6 31 27 797 01 0
32	6 31 27 798 01 0
35	6 31 27 799 01 0
36	6 31 27 800 01 0
40	6 31 27 801 01 0
45	6 31 27 802 01 0
50	6 31 27 803 01 0
55	6 31 27 804 01 0
60	6 31 27 805 01 0
65	6 31 27 806 01 0

► Carbide core drill bits in imperial dimensions can be found at www.fein.com

FEIN HSS DURA

The benefits:

- ▶ Excellent service life.
- ▶ High-quality high-speed steel.
- ▶ TiN surface coating.
- ▶ Optimum drilling results in steel and stainless steel.
- ▶ Not sensitive to shock or impact.
- ▶ Little friction thanks to very good glide properties.
- ▶ Increased heat resistance for dry drilling.

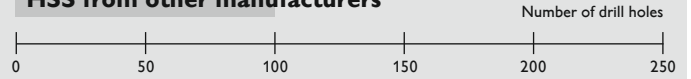
Service life of HSS compared with the competition

FEIN HSS DURA

Coated HSS from other manufacturers

FEIN HSS Nova

HSS from other manufacturers



Test conditions: While HSS products from other manufacturers achieved an average result of 140 holes per core bit, the FEIN HSS DURA created 180 holes.
Material: C 45 steel, 30 mm thick, diameter: 18 mm

HSS DURA 25 with QuickIN holder

Cutting depth 25 mm



Ø mm	Order number Pack of 1
12	6 31 33 120 06 7
13	6 31 33 130 06 7
14	6 31 33 140 06 7
15	6 31 33 150 06 7
16	6 31 33 160 06 7
17	6 31 33 170 06 7
18	6 31 33 180 06 7
19	6 31 33 190 06 7
20	6 31 33 200 06 7
21	6 31 33 210 06 7
22	6 31 33 220 06 7
23	6 31 33 230 06 7
24	6 31 33 240 06 7
25	6 31 33 250 06 7
26	6 31 33 260 06 7
27	6 31 33 270 06 7
28	6 31 33 280 06 7
29	6 31 33 290 06 7
30	6 31 33 300 06 7
31	6 31 33 310 06 7
32	6 31 33 320 06 7
33	6 31 33 330 06 7
34	6 31 33 340 06 7
35	6 31 33 350 06 7
36	6 31 33 360 06 7
37	6 31 33 370 06 7
38	6 31 33 380 06 7
39	6 31 33 390 06 7
40	6 31 33 400 06 7
41	6 31 33 410 06 7
42	6 31 33 420 06 7
43	6 31 33 430 06 7

44	6 31 33 440 06 7
45	6 31 33 450 06 7
46	6 31 33 460 06 7
47	6 31 33 470 06 7
48	6 31 33 480 06 7
49	6 31 33 490 06 7
50	6 31 33 500 06 7

HSS DURA 50 with QuickIN holder

Cutting depth 50 mm

Ø mm	Order number Pack of 1
12	6 31 33 120 06 8
13	6 31 33 130 06 8
14	6 31 33 140 06 8
15	6 31 33 150 06 8
16	6 31 33 160 06 8
17	6 31 33 170 06 8
18	6 31 33 180 06 8
19	6 31 33 190 06 8
20	6 31 33 200 06 8
21	6 31 33 210 06 8
22	6 31 33 220 06 8
23	6 31 33 230 06 8
24	6 31 33 240 06 8
25	6 31 33 250 06 8
26	6 31 33 260 06 8
27	6 31 33 270 06 8
28	6 31 33 280 06 8
29	6 31 33 290 06 8
30	6 31 33 300 06 8
31	6 31 33 310 06 8
32	6 31 33 320 06 8
33	6 31 33 330 06 8
34	6 31 33 340 06 8
35	6 31 33 350 06 8
36	6 31 33 360 06 8
37	6 31 33 370 06 8
38	6 31 33 380 06 8

39	6 31 33 390 06 8
40	6 31 33 400 06 8
41	6 31 33 410 06 8
42	6 31 33 420 06 8
43	6 31 33 430 06 8
44	6 31 33 440 06 8
45	6 31 33 450 06 8
46	6 31 33 460 06 8
47	6 31 33 470 06 8
48	6 31 33 480 06 8
49	6 31 33 490 06 8
50	6 31 33 500 06 8

HSS DURA 25 with 3/4" Weldon fitting

Cutting depth 25 mm



Ø mm	Order number Pack of 1
12	6 31 34 120 07 5
13	6 31 34 130 07 5
14	6 31 34 140 07 5
15	6 31 34 150 07 5
16	6 31 34 160 07 5
17	6 31 34 170 07 5
18	6 31 34 180 07 5
19	6 31 34 190 07 5
20	6 31 34 200 07 5
21	6 31 34 210 07 5
22	6 31 34 220 07 5
23	6 31 34 230 07 5
24	6 31 34 240 07 5
25	6 31 34 250 07 5
26	6 31 34 260 07 5
27	6 31 34 270 07 5
28	6 31 34 280 07 5
29	6 31 34 290 07 5
30	6 31 34 300 07 5

31	6 31 34 310 07 5
32	6 31 34 320 07 5
33	6 31 34 330 07 5
34	6 31 34 340 07 5
35	6 31 34 350 07 5
36	6 31 34 360 07 5
37	6 31 34 370 07 5
38	6 31 34 380 07 5
39	6 31 34 390 07 5
40	6 31 34 400 07 5
41	6 31 34 410 07 5
42	6 31 34 420 07 5
43	6 31 34 430 07 5
44	6 31 34 440 07 5
45	6 31 34 450 07 5
46	6 31 34 460 07 5
47	6 31 34 470 07 5
48	6 31 34 480 07 5
49	6 31 34 490 07 5
50	6 31 34 500 07 5
51	6 31 34 510 07 5
52	6 31 34 520 07 5
53	6 31 34 530 07 5
54	6 31 34 540 07 5
55	6 31 34 550 07 5
56	6 31 34 560 07 5
57	6 31 34 570 07 5
58	6 31 34 580 07 5
59	6 31 34 590 07 5
60	6 31 34 600 07 5

HSS DURA 50 with 3/4" Weldon fitting

Cutting depth 50 mm

Ø mm	Order number Pack of 1
12	6 31 34 120 07 6
13	6 31 34 130 07 6
14	6 31 34 140 07 6
15	6 31 34 150 07 6

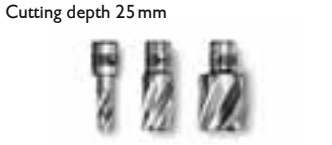
FEIN HSS Nova

16	6 31 34 160 07 6
17	6 31 34 170 07 6
18	6 31 34 180 07 6
19	6 31 34 190 07 6
20	6 31 34 200 07 6
21	6 31 34 210 07 6
22	6 31 34 220 07 6
23	6 31 34 230 07 6
24	6 31 34 240 07 6
25	6 31 34 250 07 6
26	6 31 34 260 07 6
27	6 31 34 270 07 6
28	6 31 34 280 07 6
29	6 31 34 290 07 6
30	6 31 34 300 07 6
31	6 31 34 310 07 6
32	6 31 34 320 07 6
33	6 31 34 330 07 6
34	6 31 34 340 07 6
35	6 31 34 350 07 6
36	6 31 34 360 07 6
37	6 31 34 370 07 6
38	6 31 34 380 07 6
39	6 31 34 390 07 6
40	6 31 34 400 07 6
41	6 31 34 410 07 6
42	6 31 34 420 07 6
43	6 31 34 430 07 6
44	6 31 34 440 07 6
45	6 31 34 450 07 6
46	6 31 34 460 07 6
47	6 31 34 470 07 6
48	6 31 34 480 07 6
49	6 31 34 490 07 6
50	6 31 34 500 07 6
51	6 31 34 510 07 6
52	6 31 34 520 07 6
53	6 31 34 530 07 6
54	6 31 34 540 07 6
55	6 31 34 550 07 6
56	6 31 34 560 07 6
57	6 31 34 570 07 6
58	6 31 34 580 07 6
59	6 31 34 590 07 6
60	6 31 34 600 07 6

The benefits:

- ▶ Long service life.
- ▶ High-quality high-speed steel.
- ▶ Premium drilling results in steel and metal construction.
- ▶ Cost-effective when used for assembly.
- ▶ Not sensitive to shock or impact.
- ▶ Easy to resharpen.

HSS NOVA 25 with QuickIN holder



Ø mm	Order number Pack of 1
12	6 31 33 119 05 1
13	6 31 33 129 05 1
14	6 31 33 140 05 1
15	6 31 33 150 05 1
16	6 31 33 159 05 1
17	6 31 33 170 05 1
18	6 31 33 180 05 1
19	6 31 33 189 05 1
20	6 31 33 199 06 3
21	6 31 33 210 05 1
22	6 31 33 219 05 1
23	6 31 33 229 05 1
24	6 31 33 240 05 1
25	6 31 33 250 05 1
26	6 31 33 259 05 1
27	6 31 33 270 05 1
28	6 31 33 279 05 1
29	6 31 33 289 05 1
30	6 31 33 299 05 1
31	6 31 33 309 05 1
32	6 31 33 319 05 1
33	6 31 33 329 05 1
34	6 31 33 339 05 1
35	6 31 33 350 05 1
36	6 31 33 359 05 1
37	6 31 33 369 05 1
38	6 31 33 379 05 1
39	6 31 33 389 05 1
40	6 31 33 399 05 1
41	6 31 33 409 05 1
42	6 31 33 420 05 1
43	6 31 33 429 05 1
44	6 31 33 439 05 1

45	6 31 33 449 05 1
46	6 31 33 459 05 1
47	6 31 33 469 05 1
48	6 31 33 479 05 1
49	6 31 33 489 05 1
50	6 31 33 499 05 1

HSS NOVA 50 with QuickIN holder

Cutting depth 50 mm

Ø mm	Order number Pack of 1
12	6 31 33 119 05 2
13	6 31 33 129 05 2
14	6 31 33 140 05 2
15	6 31 33 150 05 2
16	6 31 33 159 05 2
17	6 31 33 170 05 2
18	6 31 33 180 05 2
19	6 31 33 189 05 2
20	6 31 33 199 05 2
21	6 31 33 210 05 2
22	6 31 33 219 05 2
23	6 31 33 229 05 2
24	6 31 33 240 05 2
25	6 31 33 250 05 2
26	6 31 33 259 05 2
27	6 31 33 270 05 2
28	6 31 33 279 05 2
29	6 31 33 289 05 2
30	6 31 33 299 05 2
31	6 31 33 309 05 2
32	6 31 33 319 05 2
33	6 31 33 329 05 2
34	6 31 33 339 05 2
35	6 31 33 350 05 2
36	6 31 33 359 05 2
37	6 31 33 369 05 2
38	6 31 33 379 05 2
39	6 31 33 389 05 2
40	6 31 33 399 05 2

41	6 31 33 409 05 2
42	6 31 33 420 05 2
43	6 31 33 429 05 2
44	6 31 33 439 05 2
45	6 31 33 449 05 2
46	6 31 33 459 05 2
47	6 31 33 469 05 2
48	6 31 33 479 05 2
49	6 31 33 489 05 2
50	6 31 33 499 05 2

HSS NOVA 25 with 3/4" Weldon fitting



Ø mm	Order number Pack of 1
12	6 31 34 120 05 1
13	6 31 34 130 05 1
14	6 31 34 140 05 1
15	6 31 34 150 05 1
16	6 31 34 160 05 1
17	6 31 34 170 05 1
18	6 31 34 180 05 1
19	6 31 34 190 05 1
20	6 31 34 200 05 1
21	6 31 34 210 05 1
22	6 31 34 220 05 1
23	6 31 34 230 05 1
24	6 31 34 240 05 1
25	6 31 34 250 05 1
26	6 31 34 260 05 1
27	6 31 34 270 05 1
28	6 31 34 280 05 1
29	6 31 34 290 05 1
30	6 31 34 300 05 1
31	6 31 34 310 05 1
32	6 31 34 320 05 1
33	6 31 34 330 05 1
34	6 31 34 340 05 1
35	6 31 34 350 05 1
36	6 31 34 360 05 1
37	6 31 34 370 05 1
38	6 31 34 380 05 1
39	6 31 34 390 05 1
40	6 31 34 400 05 1
41	6 31 34 410 05 1
42	6 31 34 420 05 1

43	6 31 34 430 05 1
44	6 31 34 440 05 1
45	6 31 34 450 05 1
46	6 31 34 460 05 1
47	6 31 34 470 05 1
48	6 31 34 480 05 1
49	6 31 34 490 05 1
50	6 31 34 500 05 1
51	6 31 34 510 05 1
52	6 31 34 520 05 1
53	6 31 34 530 05 1
54	6 31 34 540 05 1
55	6 31 34 550 05 1
56	6 31 34 560 05 1
57	6 31 34 570 05 1
58	6 31 34 580 05 1
59	6 31 34 590 05 1
60	6 31 34 600 05 1

**HSS NOVA 50
with 3/4" Weldon fitting**

Cutting depth 50 mm

Ø mm	Order number Pack of 1
12	6 31 34 120 05 2
13	6 31 34 130 05 2
14	6 31 34 140 05 2
15	6 31 34 150 05 2
16	6 31 34 160 05 2
17	6 31 34 170 05 2
18	6 31 34 180 05 2
19	6 31 34 190 05 2
20	6 31 34 200 05 2
21	6 31 34 210 05 2
22	6 31 34 220 05 2
23	6 31 34 230 05 2
24	6 31 34 240 05 2
25	6 31 34 250 05 2
26	6 31 34 260 05 2
27	6 31 34 270 05 2
28	6 31 34 280 05 2
29	6 31 34 290 05 2
30	6 31 34 300 05 2
31	6 31 34 310 05 2
32	6 31 34 320 05 2
33	6 31 34 330 05 2
34	6 31 34 340 05 2
35	6 31 34 350 05 2

36	6 31 34 360 05 2
37	6 31 34 370 05 2
38	6 31 34 380 05 2
39	6 31 34 390 05 2
40	6 31 34 400 05 2
41	6 31 34 410 05 2
42	6 31 34 420 05 2
43	6 31 34 430 05 2
44	6 31 34 440 05 2
45	6 31 34 450 05 2
46	6 31 34 460 05 2
47	6 31 34 470 05 2
48	6 31 34 480 05 2
49	6 31 34 490 05 2
50	6 31 34 500 05 2
51	6 31 34 510 05 2
52	6 31 34 520 05 2
53	6 31 34 530 05 2
54	6 31 34 540 05 2
55	6 31 34 550 05 2
56	6 31 34 560 05 2
57	6 31 34 570 05 2
58	6 31 34 580 05 2
59	6 31 34 590 05 2
60	6 31 34 600 05 2

**HSS NOVA 75
with 3/4" Weldon fitting**

Cutting depth 75 mm

Ø mm	Order number Pack of 1
19	6 31 34 190 05 3
20	6 31 34 200 05 3
21	6 31 34 210 05 3
22	6 31 34 220 05 3
23	6 31 34 230 05 3
24	6 31 34 240 05 3
25	6 31 34 250 05 3
26	6 31 34 260 05 3
27	6 31 34 270 05 3
28	6 31 34 280 05 3
29	6 31 34 290 05 3
30	6 31 34 300 05 3
32	6 31 34 320 05 3
35	6 31 34 350 05 3
36	6 31 34 360 05 3
40	6 31 34 400 05 3
45	6 31 34 450 05 3
50	6 31 34 500 05 3
55	6 31 34 550 05 3
60	6 31 34 600 05 3

► HSS core drill bits in imperial dimensions can be found at www.fein.com



Centring pins, adapters and MT mounting shafts.

Centring pins for KBM

80 mm length suitable for:

Core drill	Holder	Cutting depth
HSS NOVA 25	QuickIN	25 mm
HSS NOVA 25	3/4" Weldon	25 mm
HSS DURA 25	QuickIN	25 mm
Order number	3 02 17 359 00 0	

105 mm length suitable for:

Core drill	Holder	Cutting depth
TCT ULTRA 35	QuickIN	35 mm
TCT ULTRA 35	3/4" Weldon	35 mm
TCT ULTRA 50	3/4" Weldon	50 mm
HSS NOVA 25	QuickIN (with adapter 6 39 01 045 01 0)	25 mm
HSS NOVA 25	3/4" Weldon (with adapter 6 39 01 021 01 4)	25 mm
HSS NOVA 50	QuickIN	50 mm
HSS NOVA 50	3/4" Weldon	50 mm
HSS DURA 25	QuickIN (with adapter 6 39 01 045 01 0)	25 mm
HSS DURA 25	3/4" Weldon (with adapter 6 39 01 021 01 4)	25 mm
HSS DURA 50	QuickIN	50 mm
HSS DURA 50	3/4" Weldon	50 mm
Order number	3 02 17 332 00 9	

125 mm length suitable for:

Core drill	Holder	Cutting depth
TCT ULTRA 35	QuickIN (with adapter 6 39 01 027 01 0)	35 mm
TCT ULTRA 50	M18 (with adapter 6 39 01 020 00 6)	50 mm
TCT ULTRA 50	QuickIN MAX	50 mm
TCT ULTRA 75	QuickIN	75 mm
TCT ULTRA 75	3/4" Weldon	75 mm
HSS NOVA 75	3/4" Weldon	75 mm
Order number	3 02 17 333 00 3	

135 mm length suitable for:

Core drill	Holder	Cutting depth
TCT ULTRA 35	3/4" Weldon (with adapter 6 39 01 021 01 4)	35 mm
TCT ULTRA 35	QuickIN (with adapter 6 39 01 045 01 0)	35 mm
TCT ULTRA 50	3/4" Weldon (with adapter 6 39 01 021 01 4)	50 mm
HSS NOVA 50	QuickIN (with adapter 6 39 01 027 01 0)	50 mm

HSS NOVA 50	3/4" Weldon (with adapter 6 39 01 021 01 4)	50 mm
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HSS DURA 50	QuickIN (with adapter 6 39 01 027 01 0)	50 mm
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HSS DURA 50	3/4" Weldon (with adapter 6 39 01 021 01 4)	50 mm
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Order number	3 02 17 355 00 0	
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Centring pins for KBB

80 mm length suitable for:

Core drill	Holder	Cutting depth
HSS NOVA 25	3/4" Weldon	25 mm
HSS DURA 25	3/4" Weldon	25 mm
Order number	3 02 17 359 00 0	

100 mm length suitable for:

Core drill	Holder	Cutting depth
TCT ULTRA 35	3/4" Weldon	35 mm
HSS NOVA 25	QuickIN (with adapter 6 39 01 027 01 0)	25 mm
HSS NOVA 50	3/4" Weldon	50 mm
HSS DURA 25	QuickIN (with adapter 6 39 01 027 01 0)	25 mm
HSS DURA 50	3/4" Weldon	50 mm
Order number	3 02 17 358 00 0	

125 mm length suitable for:

Core drill	Holder	Cutting depth
HSS NOVA 75	3/4" Weldon	75 mm
Order number	3 02 17 333 00 3	

Adapters

Adapter with QuickIN holder M 18 x 6 P1,5 output



Order number	6 39 01 020 00 6	
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Weldon output



Order number	6 39 01 021 01 4	
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Special Weldon output. Specially designed for core bits from other manufacturers that have an internal hole of > 6.4 mm.



Order number	6 39 01 024 01 9	
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Adapter with Weldon holder QuickIN output (screw-type adapter)



Order number	6 39 01 027 01 0	
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Extension

For use on confined, deep or layered surfaces, through holes possible from a diameter of 36 mm. QuickIN holder, length 100 mm, including centring pin.



Order number	6 31 06 016 01 0	
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Drill chuck adapters

Adapter with QuickIN holder Abtrieb 1/2"



Order number	6 39 01 022 00 8	
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B 16 output



Order number	6 39 01 023 00 2	
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Key-type drill chuck with QuickIN holder



Clamping width in mm	Order number	Pack of 1
1,5-13	6 39 01 023 02 0	
1-16	6 39 01 023 01 1	

MT mounting shaft for FEIN KBM up to diameter of 65 mm

QuickIN output With internal cooling lubricant supply.



Core drill cutting depth 50 mm:

Taper	Ø mm	Order number
MT3	12-65	6 39 01 048 02 0

Core drill cutting depth 75 mm:

Taper	Ø mm	Order number
MT3	12-65	6 39 01 049 02 0

3/4" Weldon output With internal cooling lubricant supply.

Core drill cutting depth 50 mm:

Taper	Ø mm	Order number
MT3	12-65	6 39 01 050 02 0

Core drill cutting depth 75 mm:

Taper	Ø mm	Order number
MT3	12-65	6 39 01 051 02 0

MT mounting shafts for bench and column drilling machines

QuickIN output With external cooling lubricant supply.



Core drill cutting depth 50 mm:

Taper	Ø mm	Order number
MT3	12-65	6 39 01 019 01 3
MT2	12-35	6 39 01 018 01 9

3/4" Weldon output With external cooling lubricant supply.

Core drill cutting depth 50 mm:

Taper	Ø mm	Order number
MT3	12-65	6 39 01 052 02 0

Core drill cutting depth 75 mm:

Taper	Ø mm	Order number
MT3	12-65	6 39 01 053 02 0

FEIN KBM 80 QuickIN MAX Accessories – the perfect fit.

Through its wide range of accessories, FEIN ensures that everything is perfectly coordinated when core drilling with the KBM 80 – from the core drill, centring pins and adapters to the special mounting shafts for different inputs.

TCT ULTRA 50 with QuickIN MAX holder

Cutting depth 50 mm



Ø mm	Order number Pack of 1
50	6 31 27 330 01 0
51	6 31 27 331 01 0
52	6 31 27 332 01 0
53	6 31 27 333 01 0
54	6 31 27 334 01 0
55	6 31 27 335 01 0
56	6 31 27 336 01 0
57	6 31 27 337 01 0
58	6 31 27 338 01 0
59	6 31 27 339 01 0
60	6 31 27 340 01 0
61	6 31 27 341 01 0
62	6 31 27 342 01 0
63	6 31 27 343 01 0
64	6 31 27 344 01 0
65	6 31 27 345 01 0
66	6 31 27 346 01 0
67	6 31 27 347 01 0
68	6 31 27 348 01 0
69	6 31 27 349 01 0
70	6 31 27 350 01 0
71	6 31 27 351 01 0
72	6 31 27 352 01 0
73	6 31 27 353 01 0
74	6 31 27 354 01 0
75	6 31 27 355 01 0
76	6 31 27 456 01 0
77	6 31 27 457 01 0
78	6 31 27 458 01 0
79	6 31 27 459 01 0
80	6 31 27 460 01 0

Centring pin

Centring pin for QuickIN MAX core bits.

L/mm	Order number
125	3 02 17 333 00 3

Adapter / drill chuck

Adapter with QuickIN MAX holder QuickIN output



Order number	6 39 01 045 01 0
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Key-type drill chuck with QuickIN holder



Clamping width in mm	Order number
1,5–13	6 39 01 023 02 0
1–16	6 39 01 023 01 1

MT mounting shafts

QuickIN output

With internal cooling lubricant supply.



Core drill cutting depth 50 mm:

Taper	Ø mm	Order number
MT3	12–65	6 39 01 039 02 0

QuickIN MAX output

With internal cooling lubricant supply.



Core drill cutting depth 50 mm:

Taper	Ø mm	Order number
MT3	50–80	6 39 01 038 02 0

Weldon 32 Standard output

With internal cooling lubricant supply.



Core drill cutting depth 50 mm:

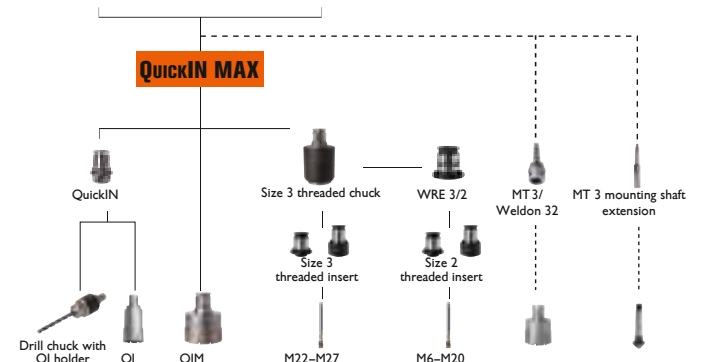
Taper	Ø mm	Order number
MT3	50–80	6 39 01 041 01 0

MT 3 mounting shaft extension

MT 3 output. Especially for countersinking.



Order number	6 33 04 005 00 0
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FEIN clamping fixtures for every application – be they magnetic or not.

For materials and workpieces with which the electromagnets of the magnetic core drills cannot be used, FEIN offers alternative clamping fixtures: a suction plate for non-magnetic materials such as stainless steel or aluminium, a vacuum plate that is used together with a vacuum plate, e.g. with chequered metals or bulb plates, and a fixture for drilling pipes with diameters between 60 and 300 mm.

Clamping fixtures

Vacuum plate

For non-magnetic materials and structured bases (chequered metal, bulb plate etc.) Must be used in conjunction with the vacuum pump.



396 × 200 × 95 mm vacuum plate for KBM and KBB

Order number 9 26 02 057 01 7

396 × 350 × 95 mm vacuum plate for KBM 80 U, 80 auto

Order number 9 26 02 085 01 0

Vacuum pump with pressure gauge

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



Order number 9 26 01 022 01 3

Suction plate

For non-magnetic materials, 250 × 330 × 110 mm



Cannot be used for KBM 80.

Order number 9 26 02 054 01 6

Pipe drill fixture

Including clamping strap, for positioning bores on pipes with diameter of 60–300 mm, 220 × 130 mm.



Order number 9 26 02 055 01 0

General accessories

Conversion kit

For previous model KBM 542 to QuickIN quick change system.



Order number 6 39 01 028 01 8

Flex-jointed hose

Suitable for KBM 50 Q, 50 U, 50 auto, 65 U when using twist drills.



Order number 3 14 14 070 01 0

Cutting spray

300 ml pump spray, for long tool life, optimum cutting performance and enhanced swarf flow.



Order number 3 21 32 031 00 0

Usage DVD

Professional usage tips for efficient and safe working.



Order number 3 41 30 385 06 0

- To provide a better view of the workpiece, drilling process and core drill, a contact guard was purposefully not used for the photographs. In principle, we would however recommend using one.

Even easier tapping – with the right accessories.

Electric tapping isn't just faster and doesn't just require less physical effort than working by hand, it also provides clear benefits in terms of precision. FEIN has an extensive range of accessories for such work – ranging from the tapping tool and quick-change chuck to the tapping inserts for blind holes and through holes.

Tapping

Tapping quick-change chuck for KBM 50 Q, KBM 50 U, KBM 52 U, KBM 65 U

Can only be used for magnetic core drills with reverse running function. Size 2, with QuickIN holder, for thread drills, in conjunction with tapping inserts with or without M6–M20 safety clutch.



Order number 9 26 02 079 01 0

Tapping tool for KBM32Q and KBM50QX

Size 2, with QuickIN holder, for thread drills, in conjunction with tapping inserts with or without M6–M16 safety clutch. Including torque support.



Order number 9 26 02 072 01 2

Tapping tool for KBM65Q and KBM65QF

Size 2, with MT 3 holder, for thread drills, in conjunction with tapping inserts with or without M6–M20 safety clutch. Including torque support.



Order number 9 26 02 066 01 2

Size 2 tapping inserts



For thread drills in accordance with DIN 371

Thread	Ø mm	■	Order number
M6	6	4,9	6 32 06 095 01 1
M8	8	6,2	6 32 06 138 01 0
M10	10	8	6 32 06 139 01 0

For thread drills in accordance with DIN 374/376

Thread	Ø mm	■	Order number
M6	4,5	3,4	6 32 06 117 01 5
M8	6	4,9	6 32 06 095 01 1
M10	7	5,5	6 32 06 096 01 4
M12	9	7	6 32 06 097 01 8
M14	11	9	6 32 06 098 01 6
M16	12	9	6 32 06 099 01 0
M18	14	11	6 32 06 100 01 1
M20	16	12	6 32 06 101 01 0

Size 2 tapping inserts with safety clutch for blind holes



For thread drills in accordance with DIN 371

Thread	Ø mm	■	Order number
M6	6	4,9	6 32 06 118 01 3
M8	8	6,2	6 32 06 140 01 0
M10	10	8	6 32 06 141 01 0

For thread drills in accordance with DIN 374/376

Thread	Ø mm	■	Order number
M8	6	4,9	6 32 06 102 01 3
M10	7	5,5	6 32 06 103 01 7
M12	9	7	6 32 06 104 01 5
M14	11	9	6 32 06 105 01 9
M16	12	9	6 32 06 106 01 2
M18	14	11	6 32 06 107 01 6
M20	16	12	6 32 06 108 01 4

Tapping KBM 80

Tapping quick change chuck for KBM 80

Can only be used for magnetic core drills with reverse running function. Size 3, with QuickIN MAX holder, for thread drills, in conjunction with tapping inserts with or without M22–M27 safety clutch.



Order number 9 26 02 082 01 0

Size 3 tapping inserts

For thread drills in accordance with DIN 374/376



Thread	Ø mm	■	Order number
M22/ M24	18	14,5	6 32 06 119 01 0
M27	20	16	6 32 06 120 01 0

Size 3 tapping inserts with safety clutch for blind holes

For thread drills in accordance with DIN 374 / 376.



Thread	Ø mm	■	Order number
M22/ M24	18	14,5	6 32 06 122 01 0
M27	20	16	6 32 06 123 01 0

Interchangeable reducing insert (3 / 2)

Reducing insert for holding size 2 thread cutting inserts (M6–M20) in size 3 tapping quick change chuck. (9 26 02 082 01 0).



Order number 6 32 06 125 01 0

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



**Contact us for more advice.
Or try the FEIN magnetic core drills for yourself.**

Your specialist dealer will be happy to help:

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