

► METAL

FEIN. Unverwüstliche
Elektrowerkzeuge.



Metal drills for professionals.

The FEIN drill range for trade and industry.



Drilling expertise from the inventor of the power drill.

In 1895, FEIN invented the world's first electric hand drill. With more than 120 years of ongoing development, FEIN has succeeded in perfecting metal drilling technology. The same spirit of innovation and German-built quality goes into every FEIN drill. Professionals put their trust in the long-life quality of FEIN and rightly so.

The benefits for you:

- ▶ First-class materials and excellent workmanship – premium quality from one source.
- ▶ Performance and quality leader for core drilling.
- ▶ Stable torque motors delivering the same power with the mains and the battery-powered version.
- ▶ Highly ergonomic and easy-to-use for fatigue-free operation in industry and manual trade applications.



Optimised for every use.

FEIN has the right tool for every metal drilling application, including; precise drills, powerful cordless drill/drivers, robust cross handle drills. The range also includes specialist tools such as thread drills and angle drills to the hand-guided core drilling system and magnetic core drills for large diameters. In addition perfectly matched, extensive system of accessories are also available.



1895



2013

Cordless drill/driver

FEIN ASCM 14/18

4

FEIN ASCM 12

4

Drill with pistol grip

FEIN BOP

8

FEIN ABOP

10

Spade handle drill

FEIN BOS

12

Cross handle drill

FEIN DSke/DDSq/ASq

13

Thread drill

FEIN GWP

14

Angle drill

FEIN WBP

15

FEIN AWBP

15

Hand-guided core drilling system

FEIN KBH

16

FEIN KBH accessories

18

Magnetic drill jigs

FEIN MBS/IBS

19

Magnetic core drill

FEIN KBB/KBM/KBM auto

20



The 4-speed cordless drill/driver from FEIN. Extreme performance and perfect for metalworking.

For over 120 years, FEIN has been setting high standards with extremely reliable professional tools for trades and industry. FEIN develops professional power tools, especially for metalworking. FEIN has brought this experience and expertise to the market in the development of the 12 V to 18 V cordless drill/driver.

The result: these powerful tools offer impressive ergonomics, a compact, light design and optimum handling whilst at the same time featuring outstanding performance. Coupled with the high cutting speeds, brushless motors and quality Röhm drill chuck, the FEIN cordless drill/drivers are perfectly equipped for metalworking.



4-speed ASCM 14 / 18 cordless drill/driver

The optimal cutting speed for every hole diameter.

- ▶ Brushless motor
- ▶ FEIN SafetyCell Technology
- ▶ Removable or fixed drill chuck
- ▶ 4-speed solid metal gearbox
- ▶ Speeds of up to 3850 rpm – ideal for all drilling applications and thread holes



4-speed ASCM 12 C cordless drill/driver



Precise drilling and screw connections at up to 2500 rpm

- ▶ Brushless motor
- ▶ FEIN SafetyCell Technology
- ▶ Removable drill chuck
- ▶ 4-speed solid metal gearbox
- ▶ Outstanding ergonomics
- ▶ Perfect for holes in steel with e.g. a diameter of 6 mm

The optimal speeds for every hole diameter.

The 4 speeds of the FEIN cordless drill/driver allow you to select the right speed for any application, so the best possible work progress is guaranteed. Find the right speed for your application in just two simple steps.

1. Determine the cutting speed based on material and drill

Material	Drill	
	HSS drill bits The standard drill for metal processing. Wear- and deformation-resistant up to around 600°C. 	HSS TiN coated Less friction and greater hardness. The drills have a longer service life and higher cutting speed. 
Construction steel Strength < 500 N/mm ²	30-40 m/min	40-50 m/min
Stainless steel Strength < 800 N/mm ²	7-12 m/min	10-15 m/min

2. Determine the speed based on cutting speed and drill hole diameter

14/18 V

12 V

Drill diameter mm	Cutting speed (m/min)			
	10	30	40	50
2	Speed 3	Speed 4	Speed 4	Speed 4
4	Speed 2	Speed 3	Speed 4	Speed 4
6	Speed 1	Speed 3	Speed 3	Speed 3
8	Speed 1	Speed 2	Speed 3	Speed 3
10	Speed 1	Speed 2	Speed 2	Speed 3
12	Speed 1	Speed 2	Speed 2	Speed 2

Drill diameter mm	Cutting speed (m/min)			
	10	30	40	50
2	Speed 3	Speed 4	Speed 4	Speed 4
4	Speed 2	Speed 4	Speed 4	Speed 4
6	Speed 1	Speed 3	Speed 4	Speed 4
8	Speed 1	Speed 3	Speed 3	Speed 3
10	Speed 1	Speed 2	Speed 3	Speed 3
12	Speed 1	Speed 2	Speed 2	Speed 3

Carbide hole sawing



Drilling large hole diameters. Electronic torque shut-off offers additional safety should blockage occur.

Optimum cutting speeds



The 4-speed gearbox has the optimum speed for every hole diameter.

Tapping








High output for cutting threads in metal.

Li-Ion battery technology from FEIN.

Innovative SafetyCell technology makes FEIN Li-ion batteries special. A separate communication cable reliably protects the battery and tool from overload, overheating and total discharge. This makes FEIN battery technology durable and reliable. The charge status indicator displays the remaining capacity. Soft enclosures protect workpieces from damage and ensure a stable standing position.



Technical data

Model	4-speed ASCM QX cordless drill/driver		4-speed ASCM cordless drill/driver		4-speed ASCM 12 C cordless drill/driver
					
Battery voltage (capacity)	18V (5Ah)	14.4V (5Ah)	18V (5Ah)	14.4V (5Ah)	12V (2.5Ah)
	Tools are also available with 2.5 Ah.				
Motor	brushless		brushless		brushless
Idling speed	rpm 400/800/1950/3850		rpm 400/800/1950/3850		rpm 400 / 700 / 1400 / 2500
Maximum torque	Nm 90	Nm 85	Nm 90	Nm 85	Nm 40
Drill chuck clamping width	mm 1.5 - 13		mm 1.5 - 13		mm 1.5 - 13
Drill chuck	Removable drill chuck		Solid metal drill chuck		Removable solid metal drill chuck
Torque levels	15 + drill settings		15 + drill settings		20 + drill settings
Max. screw diameter	mm 10x400	mm 8x300	mm 10x400	mm 8x300	mm 8x200
Max. hole diameter in metal	mm 13	mm 13	mm 13	mm 13	mm 13
Tapping	M 12	M 12	M 12	M 12	M 8
Screw connections/battery charge*	1800	1800	1800	1800	400
Battery charging time	min 80		min 80		min 45
Weight (with battery)	kg 2		kg 2.2		kg 1.3
Comes complete with	1 cordless drill/driver, 2 Li-ion batteries (5 Ah or 2.5 Ah), 1 rapid charger ALG 50, 1 handle for 18V variant, 1 removable drill chuck /separate bit holder for QX variant, 1 plastic tool case				1 cordless drill/driver, 2 Li-ion batteries (2.5 Ah), 1 ALG 50 rapid charger, 1 removable drill chuck, 1 belt clip and bit store, 1 plastic tool case
Order number	7 116 04 61	7 116 02 61	7 116 03 61	7 116 01 61	7 116 10 61
FEIN SELECT* tools without battery or charger. For more information, visit www.fein.de/Select					
Order number	7 116 04 62	-	7 116 03 62	-	-

*5 x 40 mm wood screws in softwood.

4-speed arrangement



4 speeds allow the correct selection depending on hole diameter and material.

Removable drill chuck



Premium drill chuck from German high-quality manufacturer Röhm. With spindle lock and chucking force safety device.

Ergonomics



Outstanding ergonomics thanks to slim handle area. Can be set down on the battery with ease.



The brushless PowerDrive motors from FEIN.

The motors are the heart of our power tools and they are exactly matched to the requirements of professional craftsmen. Their high speeds mean that the FEIN PowerDrive motors have the flexibility needed to satisfy virtually any requirement. The brushless design reduces wear to a minimum and at the same time makes the motors so efficient that the battery life and service life are significantly extended.



Precise pistol grip drills. Drilling precision of the highest standard.

Every component of the FEIN drills from the BOP range is designed to deliver exceptional performance over an extremely long service life, allowing operators to complete professional drilling tasks accurately and quickly even under difficult working conditions. The concentricity of the machines makes it possible to achieve very precise results. Equipped with the FEIN high-power motor, the drills deliver very high torque – even at lower speeds.

The benefits for you:

- ▶ Stable torque motors delivering the same power with the mains and the battery-powered version.
- ▶ High concentricity for precise drilling results.
- ▶ Highly ergonomic and easy-to-use for fatigue-free operation in industry and manual trade applications.
- ▶ Reliability and long service life – FEIN quality “Made in Germany”.



FEIN high-power motor

With an extra-high copper content and a bandaged field coil for maximum performance and very long service life.

Quick clamping drill chuck

A high-quality single-sheath metal quick-clamping drill chuck with a self-tightening clamping jaw lock for permanent drilling accuracy.

Spindle lock

Tool changes are easy, requiring one hand thanks to the automatic spindle lock.

Clockwise/anti-clockwise

Flexible and universal use thanks to clockwise/anti-clockwise rotation, e.g. for thread holes of up to M 10.

Acceleration electronics

Variable speed control for exact and sensitive drilling.

Metal gearing head

High radial concentricity and minimal vibration thanks to helical gears and robust die-cast aluminium housing for high mechanical rigidity and secure bearing seat.

Industrial cable

Robust, 5-metre long industrial cable meets demanding operating requirements with considerably less wear.

Drilling



Fast work progress and optimum concentricity guarantee precise jobs in the sensitive position.

Tapping



Power-hungry jobs like tapping can be reliably performed thanks to the constantly high energy level.





Stationary use



The standardised Euro collar means that all the drills can also be used for stationary work.



Technical data

Model		BOP 6	BOP 10	BOP 10-2	BOP 13-2
					
Hole diameter in steel/stainless steel	mm	6	10	10/8	13/10
Hole diameter in light metal	mm	10	15	16/10	16/10
Tapping		-	M 6	M 10	M 10
Power consumption	W	500	500	500	550
Power output	W	270	270	270	300
Idling speed	rpm	0-4000	0-1500	0-700/0-2250	0-680/0-2250
Load speed	rpm	0-2700	0-900	0-460/0-1350	0-440/0-1300
Torque (at max. output power)	Nm	3.5	9	20/7	20/7
Stall torque	Nm	9	24	50/16	50/16
Collar diameter	mm	43	43	43	43
Drill chuck clamping width	mm	0.5-10	1.5-13	1.5-13	1.5-13
Thread on the drill shaft	in	1/2in-20UNF	1/2in-20UNF	1/2in-20UNF	1/2in-20UNF
Cable with plug	m	5	5	5	5
Width across corners	mm	23	23	23	23
Weight (according to EPTA)	kg	1.7	1.8	2	2
Clockwise/anti-clockwise		■	■	■	■
Acceleration electronics		■	■	■	■
Spindle lock		■	■	■	■
Comes complete with		1 metal quick-clamping drill chuck, 1 additional handle			
Order number		7 205 52 60	7 205 53 60	7 205 54 60	7 205 55 60
Order number including plastic tool case		7 205 52 61	7205 53 61	7 205 54 61	7 205 55 61

Pistol Grip drill with unique endurance and power – with no cable.

Thanks to the maintenance-free, brushless FEIN PowerDrive motor and the FEIN Li-Ion battery technology, the models of the ABOP range are as powerful as the BOP mains-powered drills. The 18 V Li-ion battery offers an ideal combination of high performance and low weight. The cordless drills operate at extremely consistent speeds to deliver very efficient and powerful drilling, particularly for metal applications.

FEIN PowerDrive motor

Very efficient, brushless zero-maintenance 18V motor with good speed stability.

Quick clamping drill chuck

A high-quality single-sheath metal quick-clamping drill chuck with a self-tightening clamping jaw lock for permanent drilling accuracy.

Spindle lock

Tool changes are easy, requiring one hand thanks to the automatic spindle lock.

Clockwise/anti-clockwise

Flexible and universal use thanks to clockwise/anti-clockwise rotation, e.g. for thread holes of up to M 10.

Acceleration electronics

Variable speed control for exact and sensitive drilling.

Metal gearing head

High radial concentricity and minimal vibration thanks to helical gears and robust die-cast aluminium housing for high mechanical rigidity and secure bearing seat.

FEIN battery technology

Maximum service life with high-quality Li-ion battery cells. The FEIN SafetyCell technology reliably protects the battery from overload, overheating and total discharge by means of a separate communication cable.



Drilling in metal



Brushless motor and Li-ion batteries make the ABOP as powerful as mains-powered drills.

Drilling in steel sheet metal



Precise and sensitive drilling thanks to acceleration electronics.




Drilling in composite materials



The drill's high speed also makes light work of drilling holes in composite materials.



Technical data

Model	ABOP 6	ABOP 10	ABOP 13-2
			
Hole diameter in steel /stainless steel	6	10	13/10
Hole diameter in light metal	10	15	16/10
Tapping	–	M 6	M 10
Battery voltage	18	18	18
Battery capacity	5	5	5
Idling speed	0-3350	0-1250	0-580/0-1760
Load speed	0-2900	0-1100	0-500/0-1500
Torque (at max. output power)	4	11	24/8
Stall torque	7	19	39/13
Collar diameter	43	43	43
Drill chuck clamping width	0.5-10	1.5-13	1.5-13
Thread on the drill shaft	½ in-20 UNF	½ in-20 UNF	½ in-20 UNF
Width across corners	23	23	23
Weight (according to EPTA)	2.1	2.2	2.4
Clockwise/anti-clockwise	■	■	■
Acceleration electronics	■	■	■
Spindle lock	■	■	■
Comes complete with	1 metal quick-clamping drill chuck, 1 additional handle, 2 Li-ion batteries (5 Ah), 1 rapid charger ALG 50, 1 plastic tool case		
Order number	7 105 01 61	7 105 02 61	7 105 03 61
FEIN SELECT* tools without battery or charger. For more information, visit www.fein.de/Select			
Order number	7 105 01 62	7 105 02 62	7 105 03 62

The most powerful spade handle drills. For heavy-duty drilling with maximum precision.

The FEIN BOS drills can't fail to impress users with their consistently high precision – even when drilling very tough holes in metal. The spur gear sits in a robust die-cast aluminium housing and is very smooth-running with minimum vibrations. Even at low speed, the high-power 1200 W motor delivers sufficient torque and the six electronically controlled speed settings ensure the best work progress even under full load.

The benefits for you:

- ▶ High-power 1200 W motor operates at constant speed with huge power reserves.
- ▶ FEIN spade handle delivers feed force to the direct drill axis for higher contact force.
- ▶ Metal gearbox housing for high mechanical rigidity.
- ▶ 43 mm diameter Euro collar for stationary use.
- ▶ Supra SK metal quick-clamp drill chuck.

Steel construction / metal construction





Good work progress and outstanding precision even with challenging drilling jobs.



Speed preselection makes this the perfect tool for use in FEIN magnetic drill jigs.

Technical data

Model		BOS 16	BOS 16-2
			
Hole diameter in steel / stainless steel	mm	16	16/10
Hole diameter in light metal	mm	20	20/15
Hole diameter in steel, carbide hole saw	mm	80	80
Tapping		M 12	M 12
Power consumption	W	1200	1200
Power output	W	680	680
Load speed	rpm	0-520	0-520/0-1600
Torque at max. output power/ stall torque	Nm	50*	50/16*
Collar diameter	mm	43	43
Drill chuck clamping width	mm	3-16	3-16
Thread on the drill shaft	in	1/2 in - 20 UNF	1/2 in - 20 UNF
Cable with plug	mm	4	4
Width across corners	mm	27	27
Weight (according to EPTA)	kg	3.5	3.7
*Torque slipping clutch		■	■
Clockwise/anti-clockwise		■	■
Acceleration electronics		■	■
Speed preselection		■	■
Tacho control		■	■
Comes complete with		1 metal quick-clamping drill chuck, 1 additional handle	
Order number		7 205 47 60	7 205 49 60

Robust cross handle drills for heavy-duty continual use.

Offering an extensive range of cross handle drills, FEIN has the right tool for every heavy-duty application. All models have a tool construction designed for extreme loads and deliver the best results. After all, perfect solutions for tough continuous use aren't gained by making compromises.

The benefits for you:

- ▶ Multiple-speed indexing gear with ideal transmission for high torques.
- ▶ MK holder for flexible tool use with high concentricity for optimum results.
- ▶ Tool construction designed for extreme loads.

Steel construction / metal construction







Able to withstand extreme loads for heavy-duty work in steel construction.



Optimum use in FEIN magnetic drill jigs.

Technical data

Model		DSke 672	DDSk 672	DDSk 672-1	ASq 672-1
					
Hole diameter in steel / stainless steel	mm	26/19	32	32	38
Hole diameter in light metal	mm	32/23	40	40	-
Tapping		-	-	M 20	M 30 / R1"
Reaming		-	-	-	40
Tube rolling diameter		-	-	-	65
Power consumption	W	1050	1050	900	900
Power output	W	650	650	500	500
Idling speed	rpm	120-270/240-540	175/280/480/760	175/250/450/700	100
Load speed	rpm	110-185/220-370	120/190/330/520	100/150/260/420	60
Collar diameter	mm	63	63	63	63
Taper on the drill shaft		MT 3	MT 3	MT 3	MT 4
Cable with plug	m	2.5	2.5	2.5	2.5
Width across corners	mm	41	41	41	47
Weight (according to EPTA)	kg	8.8	9.4	9.6	10.6
Clockwise/anti-clockwise		-	-	■	■
Speed preselection		■	-	-	-
Comes complete with		1 additional handle, 1 drift key			
Order number		7 202 09	7 202 06	7 205 01	7 205 03

Precise tapping at a unique speed.

Faster, simpler and more precise. The electric FEIN tappers have an integrated reversing gear for smooth and continuous work. The gearbox with high mechanical rigidity and the conical holder for drill shafts ensure high radial concentricity and precise drilling results.

The benefits for you:

- ▶ Rapid tapping saves a lot of time and money thanks to integrated reversing gear with rapid return action.
- ▶ Best results achieved thanks to taper mounting and positive-fit thread drill fitting – for precise tapping.
- ▶ Effortless and relaxed working thanks to gun handle, extra large acceleration switch and tapered motor housing.

FEIN high-power motor

Very powerful and with stable speeds thanks to extra high copper content. Good delivery of power for reliable and economical tapping.

Taper mounting/threaded chuck

Clearance-free connection of drill shaft and threaded chuck with B12 taper mounting for high concentricity. Maximum precision thanks to threaded chuck with positive-fit thread drill fitting.

Reversing gear/rapid return action

Reversing gear for automatic reversal of the drill spindle direction of rotation. Tapping in a single process. Rapid return action at 680 rpm.

Acceleration electronics

Variable speed control for highly accurate contact. Speed can be adapted to the job in hand.

Metal gearing head

High mechanical rigidity and fixed bearing seat. High radial concentricity and minimum vibrations ensure accurate work.

Gun handle

Sensitive hold allows feed force to be applied in direct drilling axis. Excellent hold in guiding hand for fatigue-free working.



Technical data

Model		GWP 10
Tapping in steel/stainless steel		M 10
Power consumption	W	450
Power output	W	250
Idling speed in reverse running	rpm	0-1000
Load speed when tapping	rpm	0-450
Load speed in reverse running	rpm	0-680
Torque (at max. output power)	Nm	21
Stall torque	Nm	53
Collar diameter	mm	43
Taper on the drill shaft		B 12
Cable with plug	m	5
Width across corners	mm	23
Weight according to EPTA	kg	1.6
Acceleration electronics		■
Comes complete with		1 additional handle, Threaded chuck not included
Order number		7 209 38 60

Cuts working time by up to 92%

FEIN GWP 10 – unique speed

Cutting by hand

29.7 s *

Cordless drill/driver / drill

7.5 s *

Saving of 22.2 s = 75 %

FEIN GWP 10

2.3 s *

Saving of 5.2 s = 69 %

Saving of 27.4 s = 92 %

*Working time with an M 6 threaded bore in S235, 10 mm.

Threaded chucks at www.fein.de

Extremely small angle drills for working in difficult-to-reach spots.

The FEIN angle drill with pistol grip enable problem-free drilling in places other drills can not reach . They have low profile gearbox heads and small widths across corners but powerful motors with speed stability, delivering optimum drilling results.





Precise and powerful in tight spaces.

The benefits for you:

- ▶ Unique handle shape for very safe work with high feed force.
- ▶ Outstanding precision for minimal rework on the workpiece.
- ▶ A highly flexible problem-solver for particularly challenging drilling jobs in tight spaces.

Technical data

Model		WBP 10	AWBP 10
			
Hole diameter in steel/stainless steel	mm	10	10
Hole diameter in light metal	mm	15	15
Tapping		M 6	M 6
Power consumption	W	500	-
Power output	W	270	-
Battery voltage	V	-	18
Battery capacity	Ah	-	2.5
Idling speed	rpm	0-1830	0-1370
Load speed	rpm	0-1030	0-1260
Torque (at max. output power)	Nm	8	9.5
Stall torque		21	17
Drill chuck clamping width	mm	0.8-10	0.8-10
Taper on the drill shaft		B 10	B 10
Cable with plug	m	5	-
Width across corners / gearbox head height	mm	17/96	17/96
Weight (according to EPTA)	kg	1.5	1.7
Clockwise/anti-clockwise		■	■
Acceleration electronics		■	■
Comes complete with		1 metal key-type drill chuck, 1 drill chuck key	1 metal key-type drill chuck, 1 drill chuck key, 1 Li-ion battery (2.5 Ah), 1 rapid charger ALG 50, 1 plastic tool case
Order number		7 205 51 60	7 105 04 61
FEIN SELECT* tools without battery or charger. For more information, visit www.fein.de/Select			
Order number		-	7 105 04 62

Flexible, hand-guided core drilling system with work progress at five times the speed.

The FEIN KBH 25 expertly combines the benefits of powerful hand drills and carbide-tipped core bits in one system. The unique drilling technology guarantees that you can save huge amounts of time and money compared with standard drilling procedures. Flexibility and versatility make the tool an ideal partner in a whole host of applications, such as steel or metal construction, or drilling in automotive applications: you'll always achieve the best drilling result with the FEIN KBH 25.



FEIN high-power motor

Very powerful, with high 1200 W delivery of power for reliable and economical drilling.

FEIN QuickIN PLUS

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

Innovative drilling method

Rapid work progress and short drilling times with considerably less energy thanks to new drilling method and special core drill bit cutting geometry.

Speed preselection

6 electronic speed settings for adapting speed to particular processes.

Tacho control

Constantly high speed for optimum work progress, even at full load.

Torque slipping clutch

Torque slipping clutch separates the output and input sides in the event of overload.



Core drilling



Hand-guided drilling with carbide core drill bits with drilling diameter up to 25 mm in steel and stainless steel up to 20 mm thick.

Hole sawing



Hand-guided drilling with carbide hole saws with drilling diameter of up to 54 mm in metal sheets up to 4 mm thick.

Twist drilling



Speeds of 0-520 rpm for cost-effective twist drilling with hole diameters of up to 16 mm.

Tapping

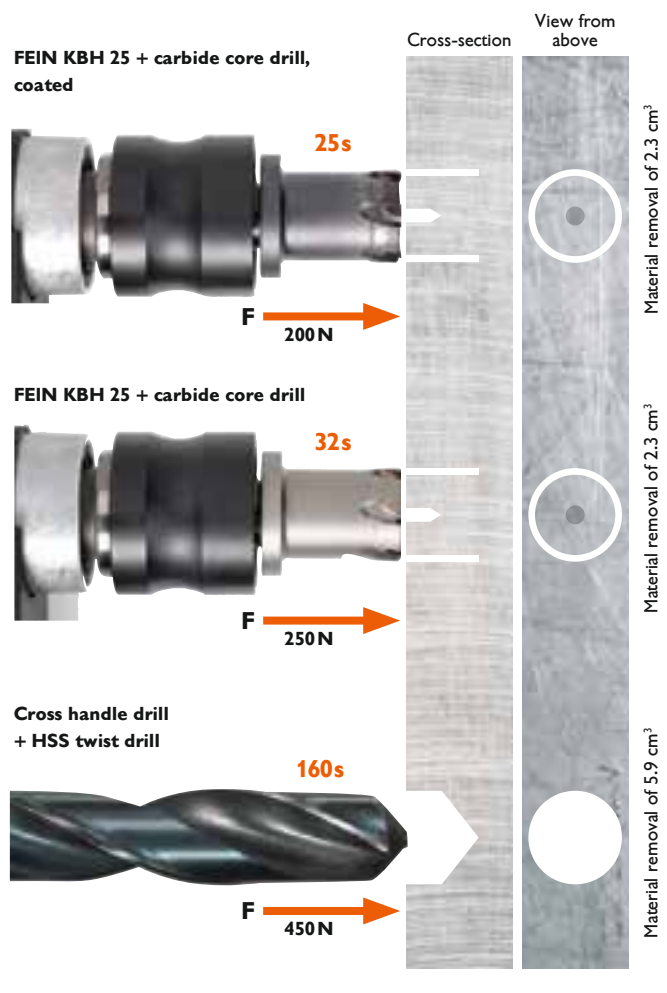


Clockwise/anti-clockwise rotation and speed adjustment for simple tapping up to M 12.




Good work progress with low feed force

Less time and effort needed thanks to tiny cutting volumes. When core drilling only a narrow ring is cut, as a result of which less time and feed force is required. Core drilling can also be undertaken in one work process (initial drilling, core drilling, ejecting core).



Values calculated with material S235, 12 mm, hole diameter 25 mm

Technical data

Model	KBH 25	
		
Hole diameter in steel/stainless steel, carbide core drill	mm	14-25
Hole diameter in light metal, carbide core drill	mm	14-30
Carbide core drill, max. bit drilling depth	mm	20
Hole diameter in steel/stainless steel, carbide hole saw	mm	14-54
Carbide hole saw, max. bit drilling depth	mm	4
Hole diameter in steel/stainless steel, twist drill	mm	16
Tapping		M12
Power consumption	W	1200
Power output	W	680
Load speed	rpm	0-520
Torque at max. output power/stall torque	Nm	50*
Collar diameter		43
Core drill bit holder		QuickIN Plus
Cable with plug	m	4
Width across corners	mm	27
Weight according to EPTA	kg	3.3
*Torque slipping clutch		■
Clockwise/anti-clockwise		■
Acceleration electronics		■
Speed preselection		■
Tacho control		■
Comes complete with		1 centring drill, 1 additional handle, 1 cutting spray, 1 plastic tool case
Order number		7 271 01 61

HAND-GUIDED CORE DRILLING SYSTEM

Carbide core drill bits

Carbide core drill bit with QuickIN PLUS holder
Cutting depth 20 mm.



Drill diameter mm	Order number Pack of 1
14	6 31 30 014 01 0
15	6 31 30 015 01 0
16	6 31 30 016 01 0
17	6 31 30 017 01 0
18	6 31 30 018 01 0
19	6 31 30 019 01 0
20	6 31 30 020 01 0
21	6 31 30 021 01 0
22	6 31 30 022 01 0
23	6 31 30 023 01 0
24	6 31 30 024 01 0
25	6 31 30 025 01 0
26	6 31 30 026 01 0
27	6 31 30 027 01 0
28	6 31 30 028 01 0
29	6 31 30 029 01 0
30	6 31 30 030 01 0

Carbide core drill bits with TiAlN coating

Carbide core drill bits with TiAlN coating and QuickIN PLUS holder
Cutting depth 20 mm.



Drill diameter mm	Order number Pack of 1
14	6 31 30 114 01 0
15	6 31 30 115 01 0
16	6 31 30 116 01 0
17	6 31 30 117 01 0
18	6 31 30 118 01 0
19	6 31 30 119 01 0
20	6 31 30 120 01 0
21	6 31 30 121 01 0
22	6 31 30 122 01 0
23	6 31 30 123 01 0
24	6 31 30 124 01 0
25	6 31 30 125 01 0
26	6 31 30 126 01 0
27	6 31 30 127 01 0
28	6 31 30 128 01 0
29	6 31 30 129 01 0
30	6 31 30 130 01 0

Carbide hole saws

Carbide hole saw with QuickIN PLUS holder
Cutting depth 4 mm.



Drill diameter mm	Order number Pack of 1
14	6 31 31 014 01 0
15	6 31 31 015 01 0
16	6 31 31 016 01 0
17	6 31 31 017 01 0
18	6 31 31 018 01 0
19	6 31 31 019 01 0
20	6 31 31 020 01 0
21	6 31 31 021 01 0
22	6 31 31 022 01 0
23	6 31 31 023 01 0
24	6 31 31 024 01 0
25	6 31 31 025 01 0
26	6 31 31 026 01 0
27	6 31 31 027 01 0
28	6 31 31 028 01 0
29	6 31 31 029 01 0
30	6 31 31 030 01 0
31	6 31 31 031 01 0
32	6 31 31 032 01 0
33	6 31 31 033 01 0
34	6 31 31 034 01 0
35	6 31 31 035 01 0
36	6 31 31 036 01 0
37	6 31 31 037 01 0
38	6 31 31 038 01 0
39	6 31 31 039 01 0
40	6 31 31 040 01 0
41	6 31 31 041 01 0
42	6 31 31 042 01 0
43	6 31 31 043 01 0
44	6 31 31 044 01 0
45	6 31 31 045 01 0
46	6 31 31 046 01 0
47	6 31 31 047 01 0
48	6 31 31 048 01 0
49	6 31 31 049 01 0
50	6 31 31 050 01 0
51	6 31 31 051 01 0
52	6 31 31 052 01 0
53	6 31 31 053 01 0
54	6 31 31 054 01 0

Carbide hole saws for pipes

Carbide hole saw for pipes with QuickIN PLUS holder
Cutting depth 4 mm.



Drill diameter mm	Order number Pack of 1
21	6 31 31 421 01 0
22	6 31 31 422 01 0
23	6 31 31 423 01 0
24	6 31 31 424 01 0
25	6 31 31 425 01 0
26	6 31 31 426 01 0
27	6 31 31 427 01 0
28	6 31 31 428 01 0
29	6 31 31 429 01 0
30	6 31 31 430 01 0
31	6 31 31 431 01 0
32	6 31 31 432 01 0
33	6 31 31 433 01 0
34	6 31 31 434 01 0
35	6 31 31 435 01 0
36	6 31 31 436 01 0
37	6 31 31 437 01 0
38	6 31 31 438 01 0
39	6 31 31 439 01 0
40	6 31 31 440 01 0
41	6 31 31 441 01 0
42	6 31 31 442 01 0
43	6 31 31 443 01 0
44	6 31 31 444 01 0
45	6 31 31 445 01 0
46	6 31 31 446 01 0
47	6 31 31 447 01 0
48	6 31 31 448 01 0
49	6 31 31 449 01 0
50	6 31 31 450 01 0
51	6 31 31 451 01 0
52	6 31 31 452 01 0
53	6 31 31 453 01 0
54	6 31 31 454 01 0

Centring jaw



No. in pack	Order number
1	6 31 14 038 01 0
5	6 31 14 038 02 0

Tapping

Collet chuck
With collets 6/7/9 mm.



Order number	6 32 06 067 02 0
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Collets
For collet chuck.

Thread	Ø mm	■ mm	Order number
M2-M2.6	2.8	2.1	6 32 06 077 00 1
M3	3.5	2.7	6 32 06 064 00 1

Thread	Ø mm	■ mm	Order number
M4/M6	4.5	3.4	6 32 06 065 00 5
M5/M8	6	4.9	6 32 06 066 00 8
M10	7	5.5	6 32 06 070 00 6
M8	8	6.2	6 32 06 078 00 9
M12	9	7	6 32 06 075 00 4
M10	10	8	6 32 06 079 00 3

Jaw chuck
Directly holds thread drill
Clamping range 2.8 mm – 9 mm,
with wrench.



Order number	6 32 06 018 01 0
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Other accessories

Swarf cup
Prevents contact with hot swarf with sharp edges.

Order number	3 21 74 013 01 0
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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
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Extension
For use on confined, deep or layered
surfaces. QuickIN PLUS holder, length
100 mm, including adapter for centring
drill bit.

Order number	6 31 06 017 01 0
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QuickIN PLUS adapter on B16

Order number	6 39 01 047 00 0
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QuickIN PLUS adapter for 1/2" 20 UNF

Order number	6 39 01 054 00 0
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Gear rim drill chuck
B 16 drill chuck holder
Clamping width 1.5-13 mm

Order number	6 32 02 030 01 5
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Quick-clamping drill chuck
Drill chuck holder B 16
R-shaped tip with chucking force safety
device. Clamping width 1-13 mm

Order number	6 32 04 032 00 6
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Quick-clamping drill chuck
Single sheath metal SUPRA SKE quick
clamping drill chuck with chucking force
safety device, drill chuck holder 1/2" 20
UNF.
Clamping width 3-16 mm

Order number	6 32 05 038 01 0
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Quick-clamping drill chuck
SUPRA SKE single-sheath metal quick-
clamping drill chuck with chucking force
safety device, QuickIN Plus holder.
Clamping width 3-16 mm

Order number	6 39 01 054 01 0
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Flexible use in any position for precise drilling results – FEIN magnetic drill jig.







The benefits for you:

- ▶ Universal suitability for drilling, tapping, reaming and countersinking.
- ▶ Precision drilling results.
- ▶ Double drill motor guide for use with very large drilling tools.
- ▶ High magnetic holding force guarantees reliable work in any position.

For precise use at the construction site or in the workshop, the FEIN drills can be used in combination with flexible electromagnetic drill jigs. The ingenious solutions from FEIN make professional and comfortable working possible in any situation – for example, when drilling with a twist, countersinking, reaming and tapping or in horizontal, vertical or overhead work.

Technical data

Model		MBS 16 X	MBS 25 F	MBS 32 F	IBS 16
					
Twist drilling max. diameter	mm	16	25	32	16
Tapping max. diameter		M 12	M 20	M 24	M 12
Power consumption	W	100	100	130	–
Stroke/stroke range	mm	145/325	145/290	178/365	145/295
Swivel range for drill jigs		–	+ -7°	350°	–
Adjustment range	mm	–	+ -6°	+ -10°	–
Magnetic holding force	N	12 500	14 000	18 000	–
Magnetic foot dimensions	mm	195 x 90	205 x 95	220 x 100	–
For collar diameter	mm	43	53	63	53
Max. socket	A	16	16	16	–
Cable with plug	m	4	4	4	–
Weight (according to EPTA)	kg	9.5	12.5	21.8	8
Comes complete with		1 coolant tank, 1 flex-jointed hose, 1 lashing strap, 1 contact guard	1 coolant tank, 1 flex-jointed hose, 1 lashing strap, 1 contact guard, 1 reducing ring, diameter 43 mm	1 lashing strap, 1 swarf hook, 1 contact guard, 2 wrenches	1 coolant tank, 1 flex-jointed hose, 1 reducing ring, diameter 43 mm
Order number		9 03 18 223	9 03 19 223	9 03 16 223	9 03 20 223

The FEIN magnetic core drills range at a glance.

The FEIN magnetic core drills keep their promises: Performance and a long service life, ease of handling, good safety and effective, economical use with first-class drilling results. Core drilling with the FEIN magnetic core drills and FEIN core drill bits deliver precise drilling results in a much shorter working time. The costs per hole are considerably reduced compared with standard processes.

The benefits for you:

- ▶ First-class materials and excellent workmanship.
- ▶ Performance and quality leader for core drilling.
- ▶ Tool, core drill bit 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, everything is possible.



FEIN KBB – focused on core drilling applications.










FEIN KBM – for universal use.



FEIN KBM auto – efficiency for series drilling.

Technical data		FEIN KBB				
Model		KBB 30	KBB 38	KBB 40	KBB 60	
Carbide core drill bit max. diameter	mm	30	38	40	60	
HSS core drill bit max. diameter	mm	30	38	40	60	
Max. bit drilling depth	mm	50	50	50	75	
Twist drilling max. diameter	mm	-	-	-	-	
Tapping max.		-	-	-	-	
Countersinking max. diameter	mm	-	-	-	-	
Reaming max. diameter	mm	-	-	-	-	
Power consumption	W	750	1050	1100	1400	
Power output	W	430	530	610	770	
Load speed	Speed 1	rpm	430	330	280	180
	Speed 2	rpm	-	-	-	340
	Speed 3	rpm	-	-	-	-
Core drill holder		3/4 in Weldon	3/4 in Weldon	3/4 in Weldon	3/4 in Weldon	
Tool holder	MT	-	-	-	-	
Stroke/stroke range	mm	65	65	65	92	
Magnetic holding force	N	9000	9000	9000	11 000	
Magnetic foot dimensions	mm	178 x 95	178 x 95	165 x 102	191 x 102	
Cable with plug	m	3.8	3.8	3.8	3.8	
Weight (according to EPTA)	kg	10.5	12.9	12.8	23.9	
Order number		7 272 01 61	7 272 02 61	7 272 03 61	7 272 04 61	

**Order our brochure
for FEIN core drilling
expertise!**

Technical data		FEIN KBM					FEIN KBM auto	
Model		KBM 32 Q	KBM 50 Q	KBM 50 U	KBM 65 U	KBM 80 U	KBM 50 auto	KBM 80 auto
								
Carbide core drill bit max. diameter	mm	32	50	50	65	80	50	80
HSS core drill bit max. diameter	mm	32	40	40	45	65	40	65
Max. bit drilling depth	mm	50	50	50 (75**)	50 (75**)	50	50 (75**)	50
Twist drilling max. diameter	mm	13	16	23	25	32	18/23*	18/32*
Tapping max.		M 12**	M 16	M 16	M 20	M 27	M 16*	M 27*
Countersinking max. diameter	mm	–	31	50	50	50	50*	50*
Reaming max. diameter	mm	–	16	23	25	31	23*	31*
Power consumption	W	700	1200	1200	1300	2000	1200	2000
Power output	W	450	610	610	730	900	610	900
Load speed	Speed 1 rpm	440	130 - 260	130-260	120-240	110-180	130-260	110-180
	Speed 2 rpm	–	260 - 520	260 - 520	260 - 520	160-260	260 - 520	160-260
	Speed 3 rpm	–	–	–	–	350 - 580	–	350 - 580
Core drill holder		QuickIN	QuickIN	QuickIN	QuickIN	QuickIN/ QuickIN MAX	QuickIN	QuickIN/ QuickIN MAX
Tool holder	MT	–	–	3	3	3	3	3
Stroke/stroke range	mm	135/60	145/315	145/315	145/315	145/285	145/315	145/285
Magnetic holding force	N	9000	12500	12500	14000	18000	12500	18000
Magnetic foot dimensions	mm	160x80	195x90	195x90	205x95	270x90	195x90	270x90
Cable with plug	m	4	4	4	4	4	4	4
Weight (according to EPTA)	kg	10.5	13.2	13.9	16.1	25.4	16.2	26.4
Order number		7 270 27	7 270 41 61	7 270 40 61	7 270 43 61	7 270 34	7 270 42 61	7 270 32

* in manual tool mode only

**also available with accessories

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



FEIN – the specialist for 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 140 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.

Experience it for yourself:

Request a free demonstration of the FEIN metal drills at your premises today.

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