

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



Core drilling as never before. Any place, any time.

The new FEIN core drills AKBU 35 and KBC 35.



Cordless, flexible and versatile! The cordless FEIN AKBU 35 core drill.

Small and powerful: the single-speed cordless universal magnetic core drill meets the most stringent quality standards. Equipped with forward / reverse running, MT2 tool mounting and large stroke range, the FEIN AKBU 35 PMQ offers maximum functionality for universal

work on the construction site. The brushless FEIN PowerDrive motor with tachometer electronics and the FEIN HighPower Li-ion battery with cells capable of handling high currents ensure continuously good work progress.

Control elements arranged centrally in direct view

simple, practical and unmistakable.

Continuously high cutting speed

thanks to brushless FEIN PowerDrive Motor and FEIN HighPower storage battery with cells capable of handling high currents.

Universal use

thanks to forward/reverse running, electronic speed setting, MT2 tool mounting and 260 mm stroke range.

Protects the tool from damage

thanks to swivel-mounted motor cable protection hose.

Continuous mobile work

thanks to FEIN HighPower storage battery.

Easy tool positioning

thanks to minimum weight and permanent magnet with magnetic bias.

Very safe working

thanks to tilt sensor, convenient magnetic holding force display and permanent magnet.



Secure hold thanks to permanent magnet

- ▶ Extra narrow permanent magnet with magnetic bias enables simple and flexible alignment of the tool to the workpiece – including vertical and overhead alignment.
- ▶ Permanent magnet does not release if power source fails.

The three lever positions of the permanent magnet



ON
100% holding force








Magnetic bias
30% holding force



OFF
0% holding force



Controls in direct line of sight

-  Convenient magnetic holding force display:
Permanent green light: holding force OK
Green flashing: holding force reduced
-  Forward running ON (continuous mode)
-  Reverse running ON (inching mode)
-  Electronic speed setting with 6 levels,
(520/455/390/325/260/130 rpm)
-  Drill motor OFF



Magnet shape with prism for use on pipes

The magnetic contact faces have the shape of a prism. This ensures a secure hold, even when core drilling on pipes with a diameter of between 80 and 250 mm.



Many potential applications



Core drilling



Twist drilling



Tapping



Countersinking



Reaming

Small, yet powerful. The FEIN HighPower storage battery.

The new FEIN HighPower Li-ion battery was developed especially for cordless FEIN core drills. The storage battery has cells capable of handling high currents for continuously good work progress, allowing the cordless core drill to achieve maximum performance. Thanks to its 18 V interface, the HighPower storage battery can be used with all cordless FEIN 18 V tools.



NEW

40% more holes

Longer battery life than with a FEIN Li-ion battery.

Lighter and smaller

than competitor storage batteries capable of handling high currents due to its weight of 700 g.



Totally compatible

HighPower storage battery can be used with all FEIN 18 V cordless tools.

75% higher current rating

for continuously good work progress with high speed stability.

A comparison of storage battery weights

FEIN	700g
Competitor 1	800g
Competitor 2	900g
Competitor 3	1200g
Competitor 4	1300g

Long service life

FEIN SafetyCell Technology protects the battery and tool from overloading, overheating and total discharge.

HighPower battery pack



HighPower Li-ion battery with cells capable of handling high currents, charge status indicator and FEIN SafetyCell Technology. Continually high power output with 75% higher current rating than a Li-ion battery. Can be used with all FEIN 18 V cordless tools.

Voltage V	Capacity Ah	Order number
18	5.2	9 26 04 179 02 0

HighPower battery starter set

FEIN SELECT⁺



2 x HighPower Li-ion batteries with ALG 50 rapid charger.

Voltage V	Capacity Ah	Order number
18	5.2	9 26 04 307 01 0

Technical data

Model		AKBU 35 PMQ	AKBU 35 PMQW
Battery voltage	V	18	
Battery capacity	Ah	5.2	
Battery compatibility		Li-ion/HighPower Li-ion*	
Motor		brushless	
Carbide core drilling max. diameter	mm	35	
HSS core drilling max. diameter	mm	35	
Max. bit drilling depth	mm	50 (75)**	
Twist drilling max. diameter	mm	18	
Tapping max.		M14	
Countersinking max. diameter	mm	30	
Reaming max. diameter	mm	18	
Load speed	rpm	130-520	
Core drill fitting (tool-free)		FEIN QuickIN	¾" Weldon
Tool mounting		MT2	
Stroke / stroke range	mm	135/ 260	
Magnetic holding force	N	9000	
Magnetic foot dimensions	mm	195 x 70 x 52	
Weight with battery	kg	12.8	

Scope of supply

1 x cordless magnetic core drill, 2 x battery pack (HighPower Li-ion), 1 x ALG 50 rapid charger, 1 x coolant pump, 1 x safety strap, 1 x swarf hook, 1 x 105 mm centring pin, 1 x contact guard, 1 x drift key, 1 x case

Order no.	7 170 01 61	7 170 02 61
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* Outstanding performance with FEIN HighPower Li-ion battery ** with accessories as option

FEIN SELECT tools without battery or charger

Order no. for SELECT	7 170 01 62	7 170 02 62
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Centring pins

Length mm	Order number
82	6 31 34 998 30 0
105	3 02 17 332 00 9



HM ULTRA – very long tool life and outstanding cutting performance



HM ULTRA 35 with QuickIN-holder

Ø mm	Cutting depth 35 mm	
	Order number	
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	
16	6 31 27 090 01 7	
17	6 31 27 091 01 6	
18	6 31 27 092 01 9	
19	6 31 27 093 01 3	
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	
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	



HM ULTRA 35 with ¾" Weldon fitting

Ø mm	Cutting depth 35 mm	
	Order number	
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	

HSS NOVA – long tool life



HSS NOVA 25 with QuickIN holder

Ø mm	Cutting depth 25 mm	
	Order number	
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	



HSS NOVA 25 with ¾" Weldon fitting

Ø mm	Cutting depth 25 mm	
	Order number	
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	

So small, yet so powerful. The compact FEIN KBC 35 core drill.

Extremely small and light: with a height of 169 mm, the single-speed compact magnetic core drill is ideal for working in tight spots and hard-to-reach places – including vertical and overhead work. The extremely low wear and long-life tool design with spindle sleeve feed without clearance makes accurate drilling results possible in tough

use in industry and manual trade. The tool has a 1100 W high-power motor with tacho electronics and forward / reverse running for good work progress in all applications, such as core drilling, twist drilling, tapping and countersinking.

Work close to the edge with an optimum view of the drilling point

thanks to width across corners of 33 mm and high gearbox positioning.

Height of 169 mm

provided by fixed drill motor for working in tight spaces.

Control elements arranged centrally in direct view

simple, practical and unmistakable.

Universal use

thanks to forward/reverse running, electronic speed setting and large installation space.



Continuously high cutting speed

thanks to high speed stability of the FEIN high-power motor with tacho electronics.

Very safe working

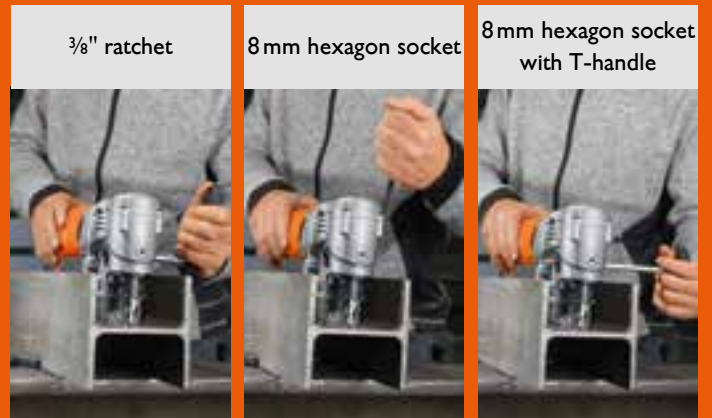
thanks to tilt sensor, convenient magnetic holding force display and 10 000 N magnetic holding force.

Easy tool positioning

thanks to weight of 7.5 kg.

Space-saving operation on both sides.

The tool can be operated from both sides in a space-saving manner using a ratchet, hexagon socket or hexagon socket with T-handle. Because the drive shaft is at a height of 90 mm, it is possible to work very comfortably even when drilling in a girder web.



Technical data

Model	KBC 35	
Carbide core drilling max. diameter	mm	35
HSS core drilling max. diameter	mm	35
Max. bit drilling depth	mm	35
Twist drilling max. diameter	mm	16
Tapping max.		M12
Countersinking max. diameter	mm	32
Power consumption	W	1100
Power output	W	550
Load speed	rpm	130-520
Core drill bit mounting		3/4" Weldon
Stroke	mm	46
Magnetic holding force	N	10000
Magnetic foot dimensions	mm	175 x 80 x 34
Cable with plug	m	4
Height	mm	169
Width across corners	mm	33
Weight (according to EPTA)	kg	7.5

Scope of supply:

1 x magnetic core drill, 1 x 3/8" ratchet, 1 x 3/8" socket wrench extension, 1 x coolant pump, 1 x safety strap, 1 x swarf hook, 1 x 82mm centring pin, 1 x contact guard, 1 x additional handle, 2 x 5 and 8 mm hexagon socket, 2 x 5 and 8 mm hexagon socket with T-handle, 1 x case

Order no.

7 272 15 61

HM ULTRA – very long tool life



HM ULTRA 35 with 3/4" Weldon fitting

Ø mm	Cutting depth 35 mm	
	Order number	
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	

HSS NOVA – long tool life



HSS NOVA 25 with 3/4" Weldon fitting

Ø mm	Cutting depth 25 mm	
	Order number	
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	

Many potential applications



Core drilling



Twist drilling



Tapping



Countersinking

Accessories for every challenge with the FEIN KBC 35 core drill.




Centring pin



Length mm	Order number
82	6 31 34 998 30 0


Adapters

Adapter with 3/4" Weldon fitting
1/4" hexagonal output in accordance with DIN 3126 / ISO 1173 – C 6.3




Order number
6 32 06 148 01 0

Adapter with 3/4" Weldon fitting
6 mm round shank output for M5 - M8 in accordance with DIN 352/ISO 13




Diameter mm	Square mm	Order number
6	4.9	6 32 06 146 01 0

Adapter with 3/4" Weldon fitting
7 mm round shank output for M10 in accordance with DIN 352/ISO 13



Diameter mm	Square mm	Order number
7	5.5	6 32 06 147 01 0


Adapter with 3/4" Weldon fitting
9 mm round shank output for M12 in accordance with DIN 352/ISO 13



Diameter mm	Square mm	Order number
9	7	6 32 06 149 01 0


Twist drill

HSS twist drill with 3/4" Weldon fitting
Cutting depth 35 mm



Hole diameter mm	Order number
5	6 31 11 036 01 0
6	6 31 11 018 01 0
6.8	6 31 11 034 01 0
7	6 31 11 019 01 0
8	6 31 11 020 01 0
8.5	6 31 11 035 01 0
9	6 31 11 021 01 0
10	6 31 11 022 01 0
10.2	6 31 11 037 01 0
11	6 31 11 023 01 0
12	6 31 11 024 01 0
13	6 31 11 025 01 0
14	6 31 11 026 01 0
15	6 31 11 027 01 0
16	6 31 11 028 01 0


HSS twist drill set with 3/4" Weldon fitting
Comprising 6 HSS twist drills (diameters of 6, 8, 10, 12, 14 and 16 mm) in a handy plastic storage box.
Cutting depth 35 mm



Order number
6 31 11 018 02 0


Tapping

HSS 90° countersink bit
With 1/4" hexagon in accordance with DIN 3126/ISO 1173 – C 6.3




Diameter mm	Order number
16.5	6 31 11 038 01 0

HSS 90° countersink bit with adapter with 3/4" Weldon fitting




Diameter mm	Order number
16.5	6 31 11 038 02 0

Tapping drill for through holes
Short version in accordance with DIN 352/ISO 13.



	L	Ø	Square	Order number
Thread	mm	mm	mm	
M6	56	6	4.9	6 31 10 019 01 0
M8	63	6	4.9	6 31 10 020 01 0
M10	70	7	5.5	6 31 10 021 01 0
M12	75	9	7	6 31 10 022 01 0

Tapping drill for through holes with adapter with 3/4" Weldon fitting
Short version in accordance with DIN 352/ISO 13.



Thread	Order number
M6	6 31 10 019 03 0
M8	6 31 10 020 03 0
M10	6 31 10 021 03 0
M12	6 31 10 022 03 0

Tapping drill set for through holes
Comprising 1 x M6 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 5 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter.

Thread	Order number
M6	6 31 10 019 02 0

Tapping drill set for through holes
Comprising 1 x M8 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 6.8 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter.

Thread	Order number
M8	6 31 10 020 02 0

Tapping drill set for through holes
Comprising 1 x M10 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 8.5 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter.

Thread	Order number
M10	6 31 10 021 02 0

Tapping drill set for through holes
Comprising 1 x M12 threading drill in accordance with DIN 352/ISO 13 with 3/4" Weldon adapter, 1 x HSS twist drill, 10.2 mm in diameter, with 3/4" Weldon fitting and 1 x HSS 90° countersink bit, 16.5 mm in diameter, with 3/4" Weldon adapter.

Thread	Order number
M12	6 31 10 022 02 0



Work where space is extremely tight.

With a height of 169 mm and a width across corners of 33 mm, the FEIN KBC 35 provides convenient working near edges and with a good view of the drilling point.



Working near edges and in tight spots



Optimum view of drilling point



Including vertical and overhead working

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



Maximum versatility: the range of core drills by FEIN.

By offering different performance classes, the FEIN core drills range includes the right tool for every job. From hand-guided to stationary core drilling, FEIN covers every metal drilling application with diameters of 0.5 mm to 80 mm and cutting depths of up to 75 mm. From the flexible hand-guided metal core drilling system

with fast cutting speed to the magnetic core drills in the Economical, Compact, Universal and Automatic performance classes. FEIN has the right solution for every application, thanks to its extensive range of accessories.

Hand-guided core drilling system	Magnetic core drills					
Mobile	Economical	Compact	Universal			Automatic
Flexibility for core drilling regardless of material and surface	Basic core drilling function	Optimised size for use in confined or hard-to-reach places	Versatility thanks to maximum functionality			Maximum efficiency thanks to fully automatic drill feed
						
FEIN KBH 25 S	FEIN KBB 30	FEIN KBC 35	FEIN AKBU 35 PMQ	FEIN KBU 35 MQ	FEIN KBM 65 U	FEIN KBM 50 auto
FEIN KBH 25-2 U	FEIN KBB 38	FEIN KBB 40	FEIN KBU 35 Q	FEIN KBM 50 Q	FEIN KBM 80 U	FEIN KBM 80 auto
	FEIN KBB 60		FEIN KBU 35-2 Q	FEIN KBM 50 U		

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