

► METAL

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



The new drilling technology for quick and flexible use.

FEIN KBH 25 – The world's first hand-guided metal core drilling system



Core drilling enters a new dimension with the FEIN KBH 25.

The world's first hand-guided metal core drilling system, the FEIN KBH 25, combines the benefits of powerful hand drills and carbide-tipped core drills in one. The new drilling technology enables a high level of work progress, allowing you to perform core drilling up

to 5 times faster with significantly less effort. FEIN KBH 25 even displays its strengths in tight, hard-to-access spaces. The product is the result of FEIN's years of experience and huge development advantage as the inventor of the electric drill.





Benefits for you when working with the FEIN KBH 25:

- ▶ Comfortable and up to 5 times faster thanks to new drilling technology and specially developed core drill cutting geometry
- ▶ Hand-guided drilling with carbide core drills with drilling diameter of up to 25 mm in steel up to 20 mm thick
- ▶ Hand-guided drilling with carbide hole saws with drilling diameter of up to 54 mm in metal sheets up to 4 mm thick
- ▶ Drilling system with excellent quality material and workmanship with carbide core drills with optimised service life



A system specially matched to the application.

The perfect interaction of powerful core drill, optimum speed, unique drilling technology (with patent pending) and carbide core drills with special cutting geometry guarantee that you can save huge amounts of time and money compared with standard drilling procedures. It is up to 5 times faster than spiral drilling and up to 3 times faster than with the carbide hole saws now established on the market.

Simple

Keyless FEIN QuickIN-PLUS holder makes tool replacement easy – and that’s guaranteed.

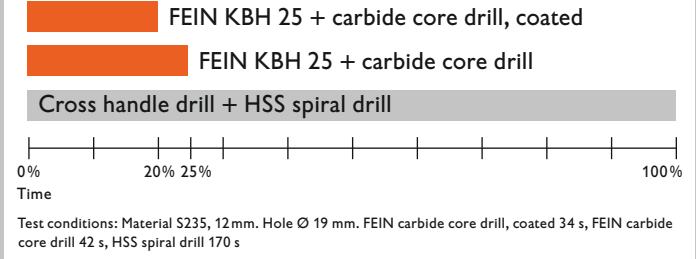
Fast

Innovative drilling technology for fast work progress and short drilling times.

Safe

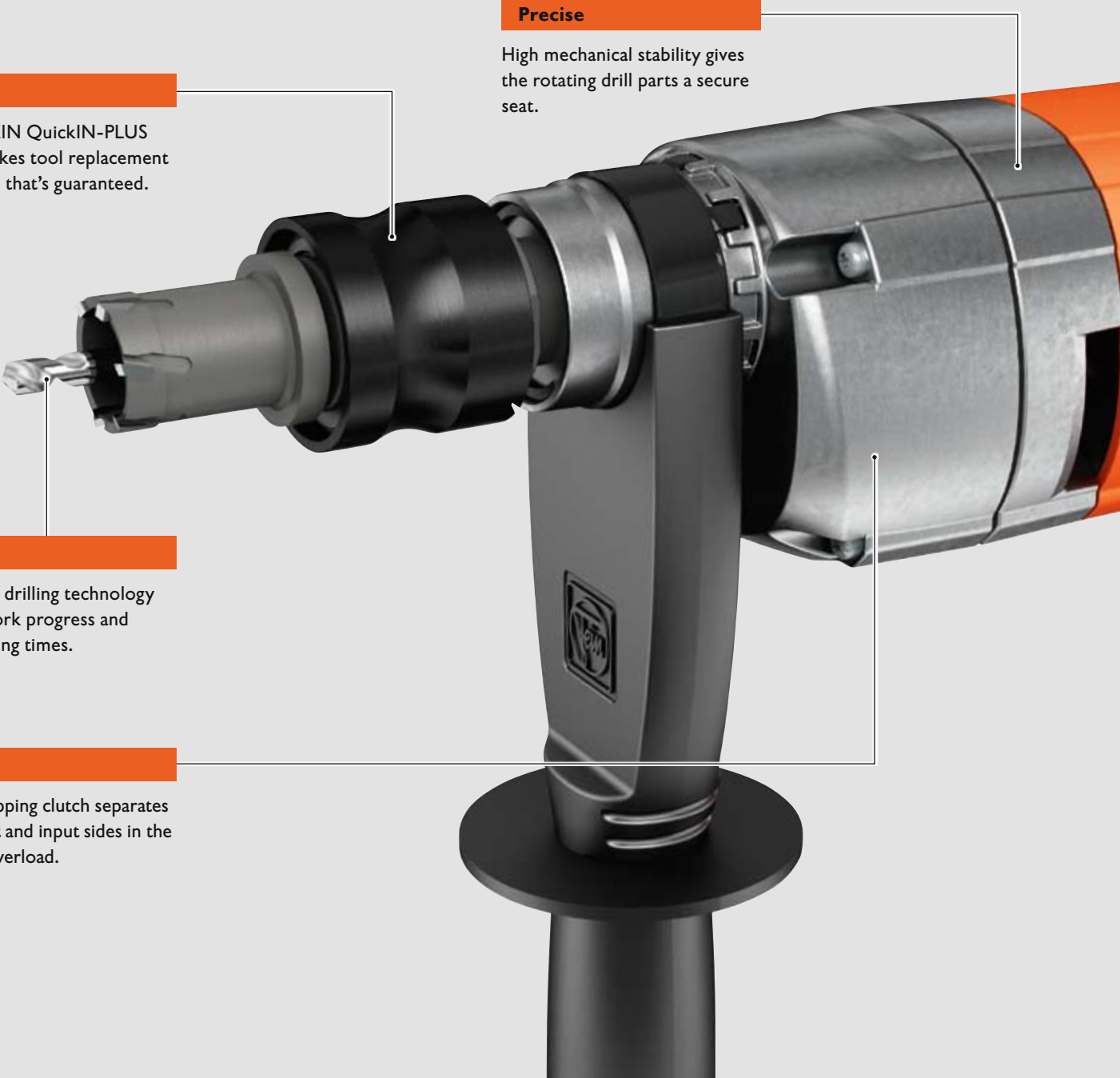
Torque slipping clutch separates the output and input sides in the event of overload.

Up to 5-times faster



Precise

High mechanical stability gives the rotating drill parts a secure seat.



Energy-saving drilling thanks to special cutting geometry.

Hand-guided core drilling can now be undertaken over long periods with little feed force – thanks to a special cutting geometry and small core drill cutting width. The process uses very low contact pressure when starting to drill and the feed force applied during drilling is equally low. This results in great work progress and therefore saves both time and money.

Special cutting geometry, small cutting width

The FEIN core drill consists of three different cutting teeth. This makes the contact pressure and feed force very low and means that cutting is smooth and free of vibration.

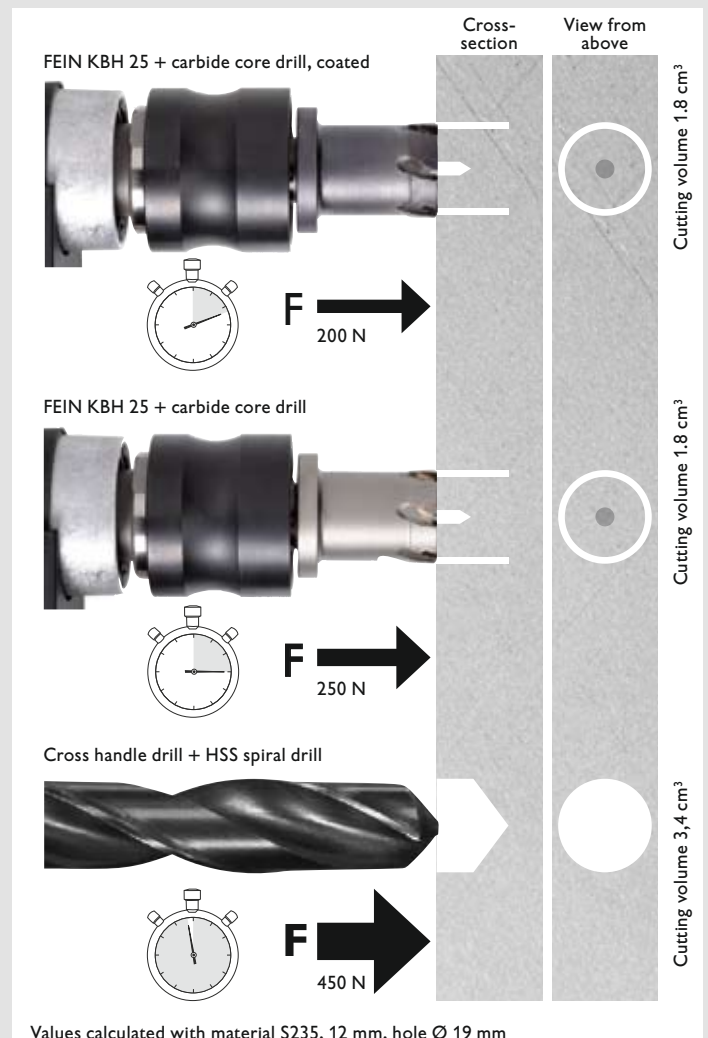


Carbide core drill with TiAlN coating

- Up to 20% greater work progress compared with uncoated carbide core drill
- Minimum cutting and feed forces thanks to optimum glide properties due to titanium-aluminium nitride surface coating
- Increased heat resistance for dry drilling
- Improved service life

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).



Unique drilling technology delivers perfect results.

A newly developed drilling technology ensures that the centring drill is only used for as long as necessary with the metal core drill system FEIN KBH 25. In order to absorb the lateral forces produced during subsequent core drilling, the centring drill makes a approx. 6 mm deep hole to ensure it is fixed as required in the workpiece.

As of a centring drill cutting depth of approx. 6 mm, the carbide core drill encounters the material and the centring drill is disconnected. This means that all the feed force goes directly into the carbide core drill and operators can enjoy good work progress for little effort.

Powerful

Extra high copper content and bandaged field coil ensure more power in the long term.

Innovative

The new drilling technology works as follows:

1. The centring drill protrudes 25 mm – so the point of drilling is approached with precision.
2. As of a centring drill cutting depth of approx. 6 mm, the carbide core drill encounters the material and the centring drill is disconnected.
3. All of the feed force applied by the user is transferred into the carbide core drill.
4. When the material is broken through, a pressure spring moves the centring drill forwards and this ejects the drill core.



Precision from maximum quality.

The world's first hand-guided metal core drilling system, the FEIN KBH 25, delivers impressive, perfect drilling results. The use of tool parts with great mechanical stability and the tool's barrel-type distortion-free design deliver maximum precision. The new carbide core drill with optimised service life features an impressive, high-quality carbide coating which withstands the impact loads encountered.



Perfect drilling at speed in metal: for everything from non-ferrous to rusted and painted metals.



Durable

The distortion-free barrel design and fibre glass-reinforced motor housing withstand extreme impact loads.

Flexible

Infinitely variable, electronic speed setting for adapting speed to particular processes.

Constant

Constant work progress and optimum speed adaptation thanks to six speed settings with electronic tacho control.

Technical data

Power consumption	W	1200
Power output	W	680
Load speed	rpm	0–520
Hole diameter in steel. Carbide core drill	mm	14–25
Hole diameter in aluminium. Carbide core drill	mm	14–30
Hole diameter in steel. Carbide hole saw	mm	14–54
Width across corners	mm	27
Cable with plug	m	4
Weight according to EPTA	kg	3.3
Clockwise/anti-clockwise rotation		•

• included

All the benefits of the FEIN KBH 25 can only be appreciated with genuine FEIN QuickIN-PLUS accessories.

FEIN KBH 25



The world's first hand-guided metal core drilling system, the FEIN KBH 25, comes in a robust FEIN tool case. Use the genuine accessories matched to the FEIN KBH 25 with QuickIN-PLUS holder as this is the only way in which to make optimum use of the new technology and the associated benefits.

Scope of supply: 1 metal core drill KBH 25, 1 centring drill, 1 additional handle, 1 cutting spray, 1 plastic tool case

Order number

7 271 01

Carbide core drill



Carbide core drill with QuickIN PLUS holder

Maximum service life thanks to the carbide cutting tips. Outstanding cutting performance in all common metals. Metric dimensions: Cutting depth 20mm, hole diameter in steel, up to 25mm/1 in, hole diameter in aluminium, up to 30mm/1 3/16 in.



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

29	1	6 31 30 029 01 0
30	1	6 31 30 030 01 0

Imperial dimensions, cutting depth 20 mm/ 3/4 in.

Hole diameter in	mm	Qty	Order number
3/16	14,29	1	6 31 30 200 01 0
5/8	15,88	1	6 31 30 201 01 0
11/16	17,46	1	6 31 30 202 01 0
3/4	19,05	1	6 31 30 203 01 0
13/16	20,64	1	6 31 30 204 01 0
7/8	22,23	1	6 31 30 205 01 0
15/16	23,81	1	6 31 30 206 01 0
1	25,40	1	6 31 30 207 01 0
1 1/16	26,99	1	6 31 30 208 01 0
1 1/8	28,58	1	6 31 30 209 01 0
1 3/16	30,16	1	6 31 30 210 01 0

Carbide core drill with TiAIN coating

Carbide core drill with TiAIN coating and QuickIN PLUS holder

Maximum service life thanks to TiAIN coating. Outstanding cutting performance in all common metals, 20% better work progress, reduced cutting and feed forces thanks to TiAIN coating. Metric dimensions: Cutting depth 20mm, hole diameter in steel, up to 25mm/1 in, hole diameter in aluminium, up to 30mm/1 3/16 in.



Hole diameter mm	Qty	Order number
14	1	6 31 30 114 01 0
15	1	6 31 30 115 01 0

16	1	6 31 30 116 01 0
17	1	6 31 30 117 01 0
18	1	6 31 30 118 01 0
19	1	6 31 30 119 01 0
20	1	6 31 30 120 01 0
21	1	6 31 30 121 01 0
22	1	6 31 30 122 01 0
23	1	6 31 30 123 01 0
24	1	6 31 30 124 01 0
25	1	6 31 30 125 01 0
26	1	6 31 30 126 01 0
27	1	6 31 30 127 01 0
28	1	6 31 30 128 01 0
29	1	6 31 30 129 01 0
30	1	6 31 30 130 01 0

Imperial dimensions, cutting depth 20 mm/ 3/4 in.

Hole diameter in	mm	Qty	Order number
3/16	14,29	1	6 31 30 300 01 0
5/8	15,88	1	6 31 30 301 01 0
11/16	17,46	1	6 31 30 302 01 0
3/4	19,05	1	6 31 30 303 01 0
13/16	20,64	1	6 31 30 304 01 0
7/8	22,23	1	6 31 30 305 01 0
15/16	23,81	1	6 31 30 306 01 0
1	25,40	1	6 31 30 307 01 0
1 1/16	26,99	1	6 31 30 308 01 0
1 1/8	28,58	1	6 31 30 309 01 0
1 3/16	30,16	1	6 31 30 310 01 0

Carbide hole saw with QuickIN PLUS holder

Carbide cutting tips for optimum service life for efficient drilling in sheet metal plate up to 4.0 mm thick. Metric dimensions, cutting depth 4 mm.



Hole diameter mm	Qty	Order number
14	1	6 31 31 014 01 0
15	1	6 31 31 015 01 0
16	1	6 31 31 016 01 0
17	1	6 31 31 017 01 0
18	1	6 31 31 018 01 0
19	1	6 31 31 019 01 0
20	1	6 31 31 020 01 0
21	1	6 31 31 021 01 0
22	1	6 31 31 022 01 0
23	1	6 31 31 023 01 0
24	1	6 31 31 024 01 0
25	1	6 31 31 025 01 0
26	1	6 31 31 026 01 0
27	1	6 31 31 027 01 0
28	1	6 31 31 028 01 0
29	1	6 31 31 029 01 0
30	1	6 31 31 030 01 0
31	1	6 31 31 031 01 0
32	1	6 31 31 032 01 0
33	1	6 31 31 033 01 0
34	1	6 31 31 034 01 0
35	1	6 31 31 035 01 0
36	1	6 31 31 036 01 0
37	1	6 31 31 037 01 0
38	1	6 31 31 038 01 0
39	1	6 31 31 039 01 0

Carbide hole saws



40	1	6 31 31 040 01 0
41	1	6 31 31 041 01 0
42	1	6 31 31 042 01 0
43	1	6 31 31 043 01 0
44	1	6 31 31 044 01 0
45	1	6 31 31 045 01 0
46	1	6 31 31 046 01 0
47	1	6 31 31 047 01 0
48	1	6 31 31 048 01 0
49	1	6 31 31 049 01 0
50	1	6 31 31 050 01 0
51	1	6 31 31 051 01 0
52	1	6 31 31 052 01 0
53	1	6 31 31 053 01 0
54	1	6 31 31 054 01 0

Imperial dimensions, cutting depth
4 mm / 5/32 in.

Hole diameter		Qty	Order number
in	mm		
9/16	14,29	1	6 31 31 200 01 0
5/8	15,88	1	6 31 31 201 01 0
11/16	17,46	1	6 31 31 202 01 0
3/4	19,05	1	6 31 31 203 01 0
13/16	20,64	1	6 31 31 204 01 0
7/8	22,23	1	6 31 31 205 01 0
15/16	23,81	1	6 31 31 206 01 0
1	25,40	1	6 31 31 207 01 0
1 1/16	26,99	1	6 31 31 208 01 0
1 1/8	28,58	1	6 31 31 209 01 0
1 3/16	30,16	1	6 31 31 210 01 0
1 1/4	31,75	1	6 31 31 211 01 0
1 5/16	33,34	1	6 31 31 212 01 0
1 3/8	34,93	1	6 31 31 213 01 0
1 7/16	36,51	1	6 31 31 214 01 0
1 1/2	38,10	1	6 31 31 215 01 0
1 9/16	39,19	1	6 31 31 216 01 0
1 5/8	41,28	1	6 31 31 217 01 0
1 11/16	42,86	1	6 31 31 218 01 0
1 3/4	44,45	1	6 31 31 219 01 0
1 13/16	46,04	1	6 31 31 220 01 0
1 7/8	47,63	1	6 31 31 221 01 0
1 15/16	49,21	1	6 31 31 222 01 0
2	50,80	1	6 31 31 223 01 0
2 1/16	52,39	1	6 31 31 224 01 0
2 1/8	53,98	1	6 31 31 225 01 0

Carbide hole saws for pipes



Carbide hole saw for pipes with QuickIN PLUS holder

Carbide cutting tips for optimum service life for use with pipe material and curved surfaces with wall thicknesses of up to 4 mm.

Metric dimensions, cutting depth 4 mm.



Hole diameter	Qty	Order number
mm		
21	1	6 31 31 421 01 0
22	1	6 31 31 422 01 0
23	1	6 31 31 423 01 0
24	1	6 31 31 424 01 0
25	1	6 31 31 425 01 0
26	1	6 31 31 426 01 0
27	1	6 31 31 427 01 0
28	1	6 31 31 428 01 0
29	1	6 31 31 429 01 0
30	1	6 31 31 430 01 0
31	1	6 31 31 431 01 0
32	1	6 31 31 432 01 0
33	1	6 31 31 433 01 0
34	1	6 31 31 434 01 0
35	1	6 31 31 435 01 0
36	1	6 31 31 436 01 0
37	1	6 31 31 437 01 0
38	1	6 31 31 438 01 0
39	1	6 31 31 439 01 0
40	1	6 31 31 440 01 0
41	1	6 31 31 441 01 0
42	1	6 31 31 442 01 0
43	1	6 31 31 443 01 0
44	1	6 31 31 444 01 0
45	1	6 31 31 445 01 0
46	1	6 31 31 446 01 0

47	1	6 31 31 447 01 0
48	1	6 31 31 448 01 0
49	1	6 31 31 449 01 0
50	1	6 31 31 450 01 0
51	1	6 31 31 451 01 0
52	1	6 31 31 452 01 0
53	1	6 31 31 453 01 0
54	1	6 31 31 454 01 0

Imperial dimensions, cutting depth
4 mm / 5/32 in.

Hole diameter		Qty	Order number
in	mm		
7/8	22,23	1	6 31 31 605 01 0
15/16	23,81	1	6 31 31 606 01 0
1	25,40	1	6 31 31 607 01 0
1 1/16	26,99	1	6 31 31 608 01 0
1 1/8	28,58	1	6 31 31 609 01 0
1 3/16	30,16	1	6 31 31 610 01 0
1 1/4	31,75	1	6 31 31 611 01 0
1 5/16	33,34	1	6 31 31 612 01 0
1 3/8	34,93	1	6 31 31 613 01 0
1 7/16	36,51	1	6 31 31 614 01 0
1 1/2	38,10	1	6 31 31 615 01 0
1 9/16	39,19	1	6 31 31 616 01 0
1 5/8	41,28	1	6 31 31 617 01 0
1 11/16	42,86	1	6 31 31 618 01 0
1 3/4	44,45	1	6 31 31 619 01 0
1 13/16	46,04	1	6 31 31 620 01 0
1 7/8	47,63	1	6 31 31 621 01 0
1 15/16	49,21	1	6 31 31 622 01 0
2	50,80	1	6 31 31 623 01 0
2 1/16	52,39	1	6 31 31 624 01 0
2 1/8	53,98	1	6 31 31 625 01 0

Thread cutting

Collet chuck

with collets Ø 6/7/9 mm



Qty	Order number
1	6 32 06 067 02 0

Collets



Thread	Ø	Square	Order number
Ø	mm	mm	
M 4 / M 6	4,5	3,4	6 32 06 065 00 5
M 5 / M 8	6	4,9	6 32 06 066 00 8
M 10	7	5,5	6 32 06 070 00 6
-	8	6,2	6 32 06 078 00 9
M 12	9	7	6 32 06 075 00 4
-	10	8	6 32 06 079 00 3

Jaw chuck

for threaded drill direct adapter
Clamping range 2.8–9.0 mm, with key wrench



Qty	Order number
1	6 32 06 018 01 0

Centring drill



Qty	Order number
1	6 31 14 038 01 0
5	6 31 14 038 02 0

only for diameters of 14 mm, 15 mm
and 9/16 in

Qty	Order number
1	6 31 14 039 01 0

Other accessories

Swarf cup

Prevents contact with hot swarf with sharp edges.



Qty	Order number
1	3 21 74 013 01 0

Cutting spray

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



Qty	Order number
1	3 21 32 031 00 0

Extension

For use on confined, deep or layered
surfaces. QuickIN-PLUS holder, length
100 mm, including adapter for centring
drill.



Qty	Order number
1	6 31 06 017 01 0

QuickIN PLUS adapter on B16

Order number	6 39 01 047 00 0
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Gear rim drill chuck with B16 holder

Clamping width 1.5–13 mm

Order number	6 32 02 030 01 5
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Quick clamping drill chuck with B16 holder

Clamping width 1-13 mm

Order number	6 32 04 032 00 6
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FEIN core drilling units KBM.

From the KBM32Q to the KBM80auto. The powerful alternatives to the world's first hand-guided metal core drilling system, the FEIN KBH 25. For more details, visit our website or contact a dealer.



**FEIN. Unverwüstliche
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FEIN – the specialist for durable power tools.

FEIN is the specialist for professional and extremely reliable power tools and special solutions for metal, interior and automotive applications. 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.



Make the most of 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 power tool at **www.fein.com** within 6 weeks of purchase.

Your specialist dealer will be happy to help:

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