



Manufacturing
expertise for 40 years

HSS-BASIC



HSS-Co Eco



for FEIN + Hitachi

HSS-Co Eco



HSS-Co Eco



for FEIN-QUICK IN

HSS-Co RQX



coated

HSS-Co Eco



for Nitto Kohki

ASP-30 RAIL



for railway tracks

Twist drill



with Weldon shank



ALFRA ROTABEST® – HSS BASIC CORE DRILLS

- with Weldon shank 19.0 mm, 2 driving surfaces
- Internal bore 6.35 mm
- Steel quality: Special super high speed steel
- Polished section: with pre- and post-cutter

Suitable on:

ALFRA Rotabest® (Weldon), BDS, Bux, Ruko, Magnetor, Euroboor, Universal, Nitto, Jancy, Hougen, Magtron, Promac, Rotabroach and all other magnetic drills with Weldon shank.

Ø in mm Cutting depth	Prod.-No. 30 mm	Prod.-No. 50 mm
12.0	1907012025	1907012050
13.0	1907013025	1907013050
13.5	1907013525	1907013550
14.0	1907014025	1907014050
15.0	1907015025	1907015050
15.5	1907015525	1907015550
16.0	1907016025	1907016050
17.0	1907017025	1907017050
17.5	1907017525	1907017550
18.0	1907018025	1907018050
19.0	1907019025	1907019050
19.5	1907019525	1907019550
20.0	1907020025	1907020050
21.0	1907021025	1907021050
22.0	1907022025	1907022050
23.0	1907023025	1907023050
24.0	1907024025	1907024050
25.0	1907025025	1907025050
26.0	1907026025	1907026050
26.5	1907026525	1907026550
27.0	1907027025	1907027050
28.0	1907028025	1907028050
29.0	1907029025	1907029050
30.0	1907030025	1907030050
31.0	1907031025	1907031050
32.0	1907032025	1907032050
33.0	1907033025	1907033050
34.0	1907034025	1907034050
35.0	1907035025	1907035050
36.0	1907036025	1907036050
37.0	1907037025	1907037050
38.0	1907038025	1907038050
39.0	1907039025	1907039050
40.0	1907040025	1907040050
41.0	1907041025	1907041050
42.0	1907042025	1907042050
43.0	1907043025	1907043050
44.0	1907044025	1907044050
45.0	1907045025	1907045050
46.0	1907046025	1907046050
47.0	1907047025	1907047050
48.0	1907048025	1907048050
49.0	1907049025	1907049050
50.0	1907050025	1907050050
51.0	–	1907051050
52.0	1907052025	1907052050
53.0	–	1907053050
54.0	–	1907054050
55.0	1907055025	1907055050
56.0	–	1907056050
57.0	–	1907057050
58.0	–	1907058050
59.0	–	1907059050
60.0	1907060025	1907060050
Ejector pin	1926500	1950500
Dimension	6.35 x 77	6.35 x 102

Inch dimensions available upon request



Weldon



Heavy duty serration with pre- (1) and post-cutter (2)



HSS BASIC Core Drill Sets



■ A range of the most commonly used core drills clearly arranged in a sturdy plastic case.

■ On request, we can assemble individual sets in 12.0 to 30.0 mm diameters.

■ Absolute protection of the teeth tips in the rough usage operation at installation and in the workshop.

Inch dimensions available upon request

Ø mm	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0
Cutting depth 30 mm								
Prod.-No.								
1907125	3 pc. HSS BASIC core drill set: incl. 1 ejector pin Prod.-No. 1926500							
		●		●		●		
1907003025	6 pc. HSS BASIC core drill set: incl. 1 ejector pin Prod.-No. 1926500							
	●	●	●	●	●	●		
1907001025	10 pc. HSS BASIC core drill set: incl. 2 ejector pin Prod.-No. 1926500							
	● ●	● ●	●	● ●	●	● ●		
Cutting depth 50 mm								
1907003050	6 pc. HSS BASIC core drill set: incl. 1 ejector pin Prod.-No. 1950500							
		●	●	●	●	●		●
1907001050	10 pc. HSS BASIC core drill set: incl. 2 ejector pin Prod.-No. 1950500							
		● ●	●	● ●	●	● ●	●	●

- with Weldon shank 19.0 mm, 2 driving surfaces
- Internal bore: 6.35 mm, cutting depth Ø 110 mm: 8 mm
- Steel quality: Special super high speed steel cobalt
- Polished section: with pre- and post-cutter

Suitable on:

ALFRA Rotabest® (Weldon), BDS, Bux, Ruko, Magnetor, Euroboor, Universal, Nitto, Jancy, Hougen, Magtron, Promac, Rotabroach and all other magnetic drills with Weldon shank.

Ø in mm	Prod.-No.	Prod.-No.	Prod.-No.*
Cutting depth	30 mm	50 mm	110 mm
12.0	1901012025	1901012050	–
13.0	1901013025	1901013050	–
13.5	1901013525	1901013550	–
14.0	1901014025	1901014050	–
15.0	1901015025	1901015050	–
15.5	1901015525	1901015550	–
16.0	1901016025	1901016050	–
17.0	1901017025	1901017050	–
17.5	1901017525	1901017550	–
18.0	1901018025	1901018050	–
19.0	1901019025	1901019050	–
19.5	1901019525	1901019550	–
20.0	1901020025	1901020050	1901020110
21.0	1901021025	1901021050	–
22.0	1901022025	1901022050	1901022110
23.0	1901023025	1901023050	–
24.0	1901024025	1901024050	1901024110
25.0	1901025025	1901025050	1901025110
26.0	1901026025	1901026050	1901026110
26.5	1901026525	1901026550	–
27.0	1901027025	1901027050	–
28.0	1901028025	1901028050	1901028110
29.0	1901029025	1901029050	–
30.0	1901030025	1901030050	1901030110
31.0	1901031025	1901031050	–
32.0	1901032025	1901032050	1901032110
33.0	1901033025	1901033050	–
34.0	1901034025	1901034050	–
35.0	1901035025	1901035050	1901035110
36.0	1901036025	1901036050	–
37.0	1901037025	1901037050	–
38.0	1901038025	1901038050	–
39.0	1901039025	1901039050	–
40.0	1901040025	1901040050	1901040110
41.0	1901041025	1901041050	–
42.0	1901042025	1901042050	–
43.0	1901043025	1901043050	–
44.0	1901044025	1901044050	–
45.0	1901045025	1901045050	1901045110
46.0	1901046025	1901046050	–
47.0	1901047025	1901047050	–
48.0	1901048025	1901048050	–
49.0	1901049025	1901049050	–
50.0	1901050025	1901050050	1901050110
51.0	–	1901051050	–
52.0	1901052025	1901052050	–
53.0	–	1901053050	–
54.0	–	1901054050	–
55.0	1901055025	1901055050	–
56.0	–	1901056050	–
57.0	–	1901057050	–
58.0	–	1901058050	–
59.0	–	1901059050	–
60.0	1901060025	1901060050	–
Ejector pin	1926500	1950500	2001502
Dimensions	6.35 x 77	6.35 x 102	8 x 160

* Caution:

HSS-Co Eco core drill cutting depth 110 mm can only be used with tool holder AMK 2 L (Prod.-No. 18003 L) or AMK 3 L (Prod.-No. 18025 L).

Inch dimensions available upon request



Weldon



Heavy duty serration with pre- (1) and post-cutter (2)



HSS-Co Eco Core Drill Sets



■ A range of the most commonly used core drills clearly arranged in a sturdy plastic case.

■ Absolute protection of the teeth tips in the rough usage operation at installation and in the workshop.

■ On request, we can assemble individual sets in 12.0 to 30.0 mm diameters.

Inch dimensions available upon request

Ø mm	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0
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Cutting depth 30 mm

Prod.-No.								
1901125	3 pc. HSS-Co Eco core drill set: incl. 1 ejector pin Prod.-No. 1926500							
		●		●		●		
1901003025	6 pc. HSS-Co Eco core drill set: incl. 1 ejector pin Prod.-No. 1926500							
	●	●	●	●	●	●		
1901001025	10 pc. HSS-Co Eco core drill set: incl. 2 ejector pin Prod.-No. 1926500							
	●●	●●	●	●●	●	●●		

Cutting depth 50 mm

1901003050	6 pc. HSS-Co Eco core drill set: incl. 1 ejector pin Prod.-No. 1950500							
		●	●	●	●	●		●
1901001050	10 pc. HSS-Co Eco core drill set: incl. 2 ejector pin Prod.-No. 1950500							
		●●	●	●●	●	●●	●	●

- with Weldon shank 19.0 mm, 2 driving surfaces
- Internal bore 6.35 mm
- Steel quality: Special super high speed steel cobalt, **coated**
- Polished section: with pre- and post-cutter

Suitable on:

ALFRA Rotabest® (Weldon), BDS, Bux, Ruko, Magnetor, Euroboor, Universal, Nitto, Jancy, Hougen, Magtron, Promac, Rotabroach and all other magnetic drills with Weldon shank.



Inch dimensions available upon request



Ø in mm	cutting depth 30 mm	Prod.-No.
12.0		1902012025
13.0		1902013025
14.0		1902014025
15.0		1902015025
16.0		1902016025
17.0		1902017025
18.0		1902018025
19.0		1902019025
20.0		1902020025
21.0		1902021025
22.0		1902022025
23.0		1902023025
24.0		1902024025
25.0		1902025025
26.0		1902026025
27.0		1902027025
28.0		1902028025
29.0		1902029025
30.0		1902030025
31.0		1902031025
32.0		1902032025
33.0		1902033025
34.0		1902034025
35.0		1902035025
36.0		1902036025
37.0		1902037025
38.0		1902038025
39.0		1902039025
40.0		1902040025
41.0		1902041025
42.0		1902042025
43.0		1902043025
44.0		1902044025
45.0		1902045025
46.0		1902046025
47.0		1902047025
48.0		1902048025
49.0		1902049025
50.0		1902050025
51.0		–
52.0		–
53.0		–
54.0		–
55.0		–
56.0		–
57.0		–
58.0		–
59.0		–
60.0		–

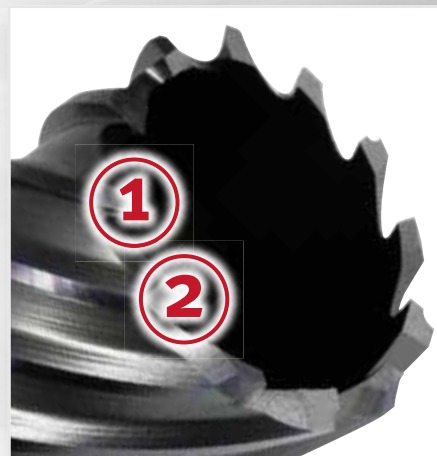
Ejector pin 6.35 x 77 mm 1926500

Ø in mm	cutting depth 50 mm	Prod.-No.
12.0		1902012050
13.0		1902013050
14.0		1902014050
15.0		1902015050
16.0		1902016050
17.0		1902017050
18.0		1902018050
19.0		1902019050
20.0		1902020050
21.0		1902021050
22.0		1902022050
23.0		1902023050
24.0		1902024050
25.0		1902025050
26.0		1902026050
27.0		1902027050
28.0		1902028050
29.0		1902029050
30.0		1902030050
31.0		1902031050
32.0		1902032050
33.0		1902033050
34.0		1902034050
35.0		1902035050
36.0		1902036050
37.0		1902037050
38.0		1902038050
39.0		1902039050
40.0		1902040050
41.0		1902041050
42.0		1902042050
43.0		1902043050
44.0		1902044050
45.0		1902045050
46.0		1902046050
47.0		1902047050
48.0		1902048050
49.0		1902049050
50.0		1902050050
51.0		1902051050
52.0		1902052050
53.0		1902053050
54.0		1902054050
55.0		1902055050
56.0		1902056050
57.0		1902057050
58.0		1902058050
59.0		1902059050
60.0		1902060050

Ejector pin 6.35 x 102 mm 1950500



Weldon



Heavy duty serration with pre- (1) and post-cutter (2)



HSS-Co RQX CORE DRILL SETS



■ A range of the most commonly used core drills clearly arranged in a sturdy plastic case.

■ Absolute protection of the teeth tips in the rough usage operation at installation and in the workshop.

■ On request, we can assemble individual sets in 12.0 to 30.0 mm diameters.

Inch dimensions available upon request

Ø mm	12.0	14.0	16.0	18.0	20.0	22.0	24.0	26.0
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Prod.-No.	Cutting depth 30 mm							
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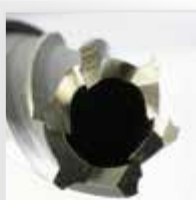
1902003025	Set of 6 HSS-Co core drill RQX: incl. 1 ejector pin Prod.-No. 1926500							
	●	●	●	●		●		●

1902001025	Set of 10 HSS-Co core drill RQX: incl. 2 ejector pin Prod.-No. 1926500							
	●●	●●	●	●●		●●		●

Cutting depth 50 mm								
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1902003050	Set of 6 HSS-Co core drill RQX: incl. 1 ejector pin Prod.-No. 1950500							
		●	●	●	●	●		●

1902001050	Set of 10 HSS-Co core drill RQX: incl. 2 ejector pin Prod.-No. 1950500							
		●●	●	●●	●	●●	●	●



HSS-Co core drills with special geometry for the machining of superimposed metal plates (multi-layer drill) upon request! (Standard core drills are unsuitable for this.)



ALFRA ROTABEST® – ASP-30 RAIL CORE DRILLS

FOR RAILWAY TRACKS



- with Weldon shank 19.0 mm
- Internal bore 6.35 mm
- Steel quality: Cobalt containing high speed steel p/m-based with highest purity and improved durability compared to the powder steel of the old generation.
- Well-suited for wear-intensive applications such as railway tracks.
- These tools can also be used on all magnetic drills, used especially with Weldon shanks.

Suitable on:

all portable magnetic drills with 19 mm Weldon shank especially for rail drilling units from the following manufacturers:

- Cembre
- Erico
- KKT
- Dubuis
- Universal
- Magtron
- Rotabroach

Inch dimensions available upon request



Ø in mm	cutting depth 30 mm	Prod.-No.
14.0		1905014025
16.0		1905016025
17.0		1905017025
18.0		1905018025
19.0		1905019025
20.0		1905020025
22.0		1905022025
23.0		1905023025
24.0		1905024025
25.0		1905025025
26.0		1905026025
27.0		1905027025
27.5		1905027525
28.0		1905028025
30.0		1905030025
31.0		1905031025
32.0		1905032025
33.0		1905033025
34.0		1905034025
36.0		1905036025
ejector 6.35 x 77 mm		1926500

Ø in mm	cutting depth 50 mm	Prod.-No.
14.0		1905014050
16.0		1905016050
17.0		1905017050
18.0		1905018050
19.0		1905019050
20.0		1905020050
22.0		1905022050
23.0		1905023050
24.0		1905024050
25.0		1905025050
26.0		1905026050
27.0		1905027050
27.5		1905027550
28.0		1905028050
30.0		1905030050
31.0		1905031050
32.0		1905032050
33.0		1905033050
34.0		1905034050
36.0		1905036050
Ejector pin 6.35 x 102 mm		1950500

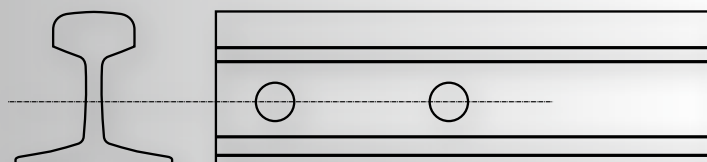
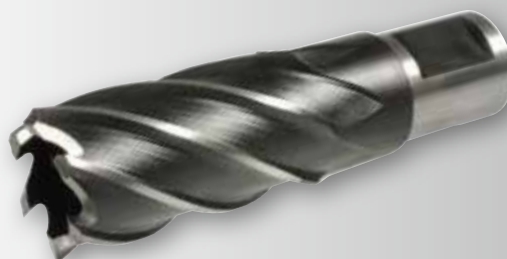


Tip:

Proven excellent for the drilling of Hardox and similar high-strength steels. Tell us about your drill problem, we will be happy to advise you.

Another tip:

ASP 70 for "impossible" drilling operations upon request.





ALFRA – HSS-Co Eco CORE DRILLS ON FEIN-QUICKIN

- Suitable on FEIN magnetic drilling machines with Quick-IN arbor.
- Are you are using FEIN magnetic drilling machines and don't want to do without your ALFRA-Rotabest® core drill? Take a look at our selection of HSS and carbide-tipped core drills suitable for the various types of FEIN machines.
- Special shank, 18.0 mm with 4 bearing recesses
- Steel quality: Special super high speed steel cobalt
- Internal hole 6.4 mm.
- Suitable for: FEIN core drilling machines with quick-change system



Prod.-No. 1936500

Ø in mm	cutting depth 35 mm	Prod.-No.
12.0		1909012035
13.0		1909013035
14.0		1909014035
15.0		1909015035
16.0		1909016035
17.0		1909017035
18.0		1909018035
19.0		1909019035
20.0		1909020035
21.0		1909021035
22.0		1909022035
23.0		1909023035
24.0		1909024035
25.0		1909025035
26.0		1909026035
27.0		1909027035
28.0		1909028035
29.0		1909029035
30.0		1909030035
31.0		1909031035
32.0		1909032035
Ejector pin 6.35 x 106 mm		1936500

Inch dimensions available upon request



High performance toothing with pre- and post-cutting

ALFRA – HSS-Co Eco CORE DRILLS SUITABLE FOR FEIN + HITACHI

- Threaded arbor internal thread M18 x 6P 1.5.
- Also suitable for Hitachi machines.

Ø in mm	cutting depth 50 mm	Prod.-No.
12.0		1908012050
13.0		1908013050
14.0		1908014050
15.0		1908015050
16.0		1908016050
17.0		1908017050
18.0		1908018050
19.0		1908019050
20.0		1908020050
21.0		1908021050
22.0		1908022050
23.0		1908023050
24.0		1908024050
25.0		1908025050
26.0		1908026050
27.0		1908027050
28.0		1908028050
29.0		1908029050
30.0		1908030050



Inch dimensions available upon request

- New Combi universal shank specially for Nitto one touch machines
- Also suitable for all magnetic drilling machines with Weldon shank
- Internal bore up to Ø 17.0 mm: Ø 6.35 mm; from 18.0 mm: Ø 8.0 mm
- Steel quality: Special super high speed steel cobalt
- Polished surface: with pre- and post-cutter (1 + 2)

Suitable on:

ALFRA, ALFRA-RQ models with quick-change system, BDS (incl. keyless system), Bux, Ruko, Magnetor, Euroboor, Jancy, Hougen, Magtron, ProMag, Rotabroach, Jepson, Metallkraft, etc.

Ø in mm	cutting depth 30 mm	Prod.-No.
12.0		1903012025
13.0		1903013025
14.0		1903014025
15.0		1903015025
16.0		1903016025
17.0		1903017025
18.0		1903018025
19.0		1903019025
20.0		1903020025
21.0		1903021025
22.0		1903022025
23.0		1903023025
24.0		1903024025
25.0		1903025025
26.0		1903026025
27.0		1903027025
28.0		1903028025
29.0		1903029025
30.0		1903030025
31.0		1903031025
32.0		1903032025
33.0		1903033025
34.0		1903034025
35.0		1903035025
36.0		1903036025
37.0		1903037025
38.0		1903038025
39.0		1903039025
40.0		1903040025
41.0		1903041025
42.0		1903042025
43.0		1903043025
44.0		1903044025
45.0		1903045025
46.0		1903046025
47.0		1903047025
48.0		1903048025
49.0		1903049025
50.0		1903050025
52.0		1903052025
55.0		1903055025
60.0		1903060025

To Ø 17.0 mm

Ejector pin 6.35 x 77 mm 1926500

From Ø 18.0 mm:

Ejector pin 8 x 87 mm 2001500

Ø in mm	cutting depth 50 mm	Prod.-No.
12.0		1903012050
13.0		1903013050
13.5		–
14.0		1903014050
15.0		1903015050
15.5		–
16.0		1903016050
17.0		1903017050
17.5		–
18.0		1903018050
19.0		1903019050
20.0		1903020050
21.0		1903021050
22.0		1903022050
23.0		1903023050
24.0		1903024050
25.0		1903025050
26.0		1903026050
27.0		1903027050
28.0		1903028050
29.0		1903029050
30.0		1903030050
31.0		1903031050
32.0		1903032050
33.0		1903033050
34.0		1903034050
35.0		1903035050
36.0		1903036050
37.0		1903037050
38.0		1903038050
39.0		1903039050
40.0		1903040050
41.0		1903041050
42.0		1903042050
43.0		1903043050
44.0		1903044050
45.0		1903045050
46.0		1903046050
47.0		1903047050
48.0		1903048050
49.0		1903049050
50.0		1903050050
51.0		1903051050
52.0		1903052050
53.0		1903053050
54.0		1903054050
55.0		1903055050
56.0		1903056050
57.0		1903057050
58.0		1903058050
59.0		1903059050
60.0		1903060050

To Ø 17.0 mm

Ejector pin 6.35 x 102 mm 1950500

From Ø 18.0 mm:

Ejector pin 8 x 102 mm 2001501



Heavy duty serration with pre- (1) and post-cutter (2)



- Suitable magnetic drilling machines with Weldon arbor.
- Ideal for drilling of smaller diameters up to Ø 12 mm.

HSS twist drill

Ø in mm HSS twist drills with Weldon arbor

Prod.-No.

6.0 0802606

6,0 Replacement drill without Weldon arbor 0802706

8.0 0802608

8,0 Replacement drill without Weldon arbor 0802708

9.0 0802609

9,0 Replacement drill without Weldon arbor 0802709

10.0 0802610

10,0 Replacement drill without Weldon arbor 0802710

11.0 0802611

11,0 Replacement drill without Weldon arbor 0802711

12.0 0802612

12,0 Replacement drill without Weldon arbor 0802712

HSS twist drill set

6 pc. HSS twist drill set with Weldon arbor

Included 1 x Ø 6.0 - 8.0 - 9.0 - 10.0 - 11.0 - 12.0 mm
in plastic case

Prod.-No.

08026



Prod.-No. 0802606



Prod.-No. 0802706



Prod.-No. 0802608



Prod.-No. 0802708



Prod.-No. 0802609



Prod.-No. 0802709



Prod.-No. 0802610



Prod.-No. 0802710



Prod.-No. 0802611



Prod.-No. 0802711



Prod.-No. 0802612



Prod.-No. 0802712



Prod.-No. 08026