

Twist drill bit HSS DIN 338 type RN 130°

Steel precision drill for general, broad applications in steel up to 850 N/mm² strength and cast iron.

20% less infeed force compared to conventional drills, with faster work progress and less expenditure of effort

Optimised cross thinning

Highly accurate tapping without centring, even on curved surfaces

Optimum cross-grinding

Ideal for producing core drill holes

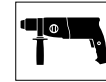
Highly precise tip grinding for precise drilling

Excellent adhesion of cooling lubricants and a reduced tendency towards build-up

Vaporised surface



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Suitable for machine type	Drill, Cordless screwdrivers, Pedestal drilling machine
Material to be processed	Steel, Cast iron
Quality	ZEBRA-Premium
Standard/drilling depth	DIN 338/5xD
Shank style	Cylindrical
Surface	Vaporised
Cutting material	HSS
Type	RN
Angle of the tip	130 Degree
Service life	●●●○
Drilling speed (point system)	●●●○
Bore hole quality (point system)	●●●●
Versatility	●●○
Drilling behaviour (point system)	●●●○
Self-centring	Yes
Suitable for tensile strength up to	850 N/mm ²
Color Coding System	 Steel

Diameter (Ø)	Length (l1)	Chip flute length (l2)	Art. no.	P. Qty.
0.5 mm	22 mm	6 mm	0624 000 050	10
0.6 mm	24 mm	7 mm	0624 000 060	10
0.7 mm	28 mm	9 mm	0624 000 070	10
0.8 mm	30 mm	10 mm	0624 000 080	10
0.9 mm	32 mm	11 mm	0624 000 090	10
1 mm	34 mm	12 mm	0624 000 100	10
1.1 mm	36 mm	14 mm	0624 000 110	10
1.2 mm	38 mm	16 mm	0624 000 120	10
1.3 mm	38 mm	16 mm	0624 000 130	10

Diameter (Ø)	Length (l1)	Chip flute length (l2)	Art. no.	P. Qty.
1.4 mm	40 mm	18 mm	0624 000 140	10
1.5 mm	40 mm	18 mm	0624 000 150	10
1.6 mm	43 mm	20 mm	0624 000 160	10
1.7 mm	43 mm	20 mm	0624 000 170	10
1.8 mm	46 mm	22 mm	0624 000 180	10
1.9 mm	46 mm	22 mm	0624 000 190	10
2 mm	49 mm	24 mm	0624 000 200	10
2.05 mm	49 mm	24 mm	0624 000 205	10
2.1 mm	49 mm	24 mm	0624 000 210	10
2.2 mm	53 mm	27 mm	0624 000 220	10
2.3 mm	53 mm	27 mm	0624 000 230	10
2.4 mm	57 mm	30 mm	0624 000 240	10
2.5 mm	57 mm	30 mm	0624 000 250	10
2.6 mm	57 mm	30 mm	0624 000 260	10
2.7 mm	61 mm	33 mm	0624 000 270	10
2.8 mm	61 mm	33 mm	0624 000 280	10
2.9 mm	61 mm	33 mm	0624 000 290	10
3 mm	61 mm	33 mm	0624 000 300	10
3.1 mm	65 mm	36 mm	0624 000 310	10
3.2 mm	65 mm	36 mm	0624 000 320	10
3.3 mm	65 mm	36 mm	0624 000 330	10
3.4 mm	70 mm	39 mm	0624 000 340	10
3.5 mm	70 mm	39 mm	0624 000 350	10
3.6 mm	70 mm	39 mm	0624 000 360	10
3.7 mm	70 mm	39 mm	0624 000 370	10
3.8 mm	75 mm	43 mm	0624 000 380	10
3.9 mm	75 mm	43 mm	0624 000 390	10
4 mm	75 mm	43 mm	0624 000 400	10
4.1 mm	75 mm	43 mm	0624 000 410	10
4.2 mm	75 mm	43 mm	0624 000 420	10
4.3 mm	80 mm	47 mm	0624 000 430	10
4.4 mm	80 mm	47 mm	0624 000 440	10
4.5 mm	80 mm	47 mm	0624 000 450	10
4.6 mm	80 mm	47 mm	0624 000 460	10
4.7 mm	80 mm	47 mm	0624 000 470	10
4.8 mm	86 mm	52 mm	0624 000 480	10
4.9 mm	86 mm	52 mm	0624 000 490	10
5 mm	86 mm	52 mm	0624 000 500	10
5.1 mm	86 mm	52 mm	0624 000 510	10
5.2 mm	86 mm	52 mm	0624 000 520	10
5.3 mm	86 mm	52 mm	0624 000 530	10
5.4 mm	93 mm	57 mm	0624 000 540	10
5.5 mm	93 mm	57 mm	0624 000 550	10
5.6 mm	93 mm	57 mm	0624 000 560	10
5.7 mm	93 mm	57 mm	0624 000 570	10
5.8 mm	93 mm	57 mm	0624 000 580	10
5.9 mm	93 mm	57 mm	0624 000 590	10
6 mm	93 mm	57 mm	0624 000 600	10
6.1 mm	101 mm	63 mm	0624 000 610	10
6.2 mm	101 mm	63 mm	0624 000 620	10
6.3 mm	101 mm	63 mm	0624 000 630	10
6.4 mm	101 mm	63 mm	0624 000 640	10
6.5 mm	101 mm	63 mm	0624 000 650	10
6.6 mm	101 mm	63 mm	0624 000 660	10

Diameter (Ø)	Length (l1)	Chip flute length (l2)	Art. no.	P. Qty.
6.7 mm	101 mm	63 mm	0624 000 670	10
6.8 mm	109 mm	69 mm	0624 000 680	10
6.9 mm	109 mm	69 mm	0624 000 690	10
7 mm	109 mm	69 mm	0624 000 700	10
7.1 mm	109 mm	69 mm	0624 000 710	10
7.2 mm	109 mm	69 mm	0624 000 720	10
7.3 mm	109 mm	69 mm	0624 000 730	10
7.4 mm	109 mm	69 mm	0624 000 740	10
7.5 mm	109 mm	69 mm	0624 000 750	10
7.6 mm	117 mm	75 mm	0624 000 760	10
7.7 mm	117 mm	75 mm	0624 000 770	10
7.8 mm	117 mm	75 mm	0624 000 780	10
7.9 mm	117 mm	75 mm	0624 000 790	10
8 mm	117 mm	75 mm	0624 000 800	10
8.1 mm	117 mm	75 mm	0624 000 810	5
8.2 mm	117 mm	75 mm	0624 000 820	5
8.3 mm	117 mm	75 mm	0624 000 830	5
8.4 mm	117 mm	75 mm	0624 000 840	5
8.5 mm	117 mm	75 mm	0624 000 850	5
8.6 mm	125 mm	81 mm	0624 000 860	5
8.7 mm	125 mm	81 mm	0624 000 870	5
8.8 mm	125 mm	81 mm	0624 000 880	5
8.9 mm	125 mm	81 mm	0624 000 890	5
9 mm	125 mm	81 mm	0624 000 900	5
9.1 mm	125 mm	81 mm	0624 000 910	5
9.2 mm	125 mm	81 mm	0624 000 920	5
9.3 mm	125 mm	81 mm	0624 000 930	5
9.4 mm	125 mm	81 mm	0624 000 940	5
9.5 mm	125 mm	81 mm	0624 000 950	5
9.6 mm	133 mm	87 mm	0624 000 960	5
9.7 mm	133 mm	87 mm	0624 000 970	5
9.8 mm	133 mm	87 mm	0624 000 980	5
9.9 mm	133 mm	87 mm	0624 000 990	5
10 mm	133 mm	87 mm	0624 001 000	5
10.1 mm	133 mm	87 mm	0624 001 010	5
10.2 mm	133 mm	87 mm	0624 001 020	5
10.3 mm	133 mm	87 mm	0624 001 030	5
10.4 mm	133 mm	87 mm	0624 001 040	1
10.5 mm	133 mm	87 mm	0624 001 050	1
10.6 mm	133 mm	87 mm	0624 001 060	1
10.7 mm	142 mm	94 mm	0624 001 070	1
10.8 mm	142 mm	94 mm	0624 001 080	1
10.9 mm	142 mm	94 mm	0624 001 090	1
11 mm	142 mm	94 mm	0624 001 100	1
11.1 mm	142 mm	94 mm	0624 001 110	1
11.2 mm	142 mm	94 mm	0624 001 120	1
11.3 mm	142 mm	94 mm	0624 001 130	1
11.4 mm	142 mm	94 mm	0624 001 140	1
11.5 mm	142 mm	94 mm	0624 001 150	1
11.6 mm	142 mm	94 mm	0624 001 160	1
11.7 mm	142 mm	94 mm	0624 001 170	1
11.8 mm	142 mm	94 mm	0624 001 180	1
11.9 mm	151 mm	101 mm	0624 001 190	1
12 mm	151 mm	101 mm	0624 001 200	1

Diameter (Ø)	Length (l1)	Chip flute length (l2)	Art. no.	P. Qty.
12.1 mm	151 mm	101 mm	0624 001 210	1
12.2 mm	151 mm	101 mm	0624 001 220	1
12.3 mm	151 mm	101 mm	0624 001 230	1
12.4 mm	151 mm	101 mm	0624 001 240	1
12.5 mm	151 mm	101 mm	0624 001 250	1
12.6 mm	151 mm	101 mm	0624 001 260	1
12.7 mm	151 mm	101 mm	0624 001 270	1
12.8 mm	151 mm	101 mm	0624 001 280	1
12.9 mm	151 mm	101 mm	0624 001 290	1
13 mm	151 mm	101 mm	0624 001 300	1
13.1 mm	151 mm	101 mm	0624 001 310	1
13.5 mm	160 mm	108 mm	0624 001 350	1
14 mm	160 mm	108 mm	0624 001 400	1
14.2 mm	169 mm	114 mm	0624 001 420	1
14.5 mm	169 mm	114 mm	0624 001 450	1
15 mm	169 mm	114 mm	0624 001 500	1
15.5 mm	178 mm	120 mm	0624 001 550	1
16 mm	178 mm	120 mm	0624 001 600	1
16.5 mm	184 mm	125 mm	0624 001 650	1
17 mm	184 mm	125 mm	0624 001 700	1
17.5 mm	191 mm	130 mm	0624 001 750	1
18 mm	191 mm	130 mm	0624 001 800	1
18.5 mm	198 mm	135 mm	0624 001 850	1
19 mm	198 mm	135 mm	0624 001 900	1
19.5 mm	205 mm	140 mm	0624 001 950	1
20 mm	205 mm	140 mm	0624 002 000	1

Notice

- The Ø 13.0 mm drill shank is reduced to Ø 12.7 mm
- For drill bit/material assignments, see overview tables

Related products	Art. no.
Cutting and drilling oil CUT+COOL 400 ml	0893 050 004
Drilling and cutting foam CUT+COOL	0893 050 007
Cutting and drilling oil CUT+COOL Perfect 400 ml	0893 050 008
Cutting and drilling oil CUT+COOL Perfect 5 l	0893 050 009
Drilling and cutting paste Cut and Cool Perfect 500 ml	0893 050 010
Cutting and drilling oil CUT+COOL 5 l	0893 050 1
Cordless drill driver ABS 18 POWER M-CUBE	5701 404 005
Cordless drill driver ABS 18 COMPACT M-CUBE	5701 800 3