

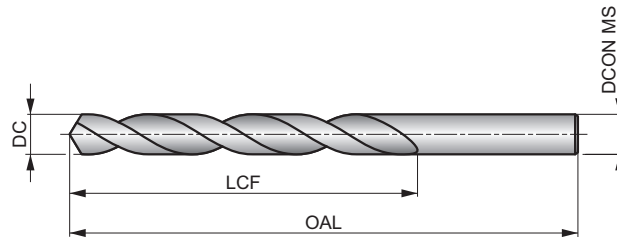


A113



HSS Jobber Drill, Bright Finish

A versatile all-around drill with a 118° conventional point, which provides strength and is easy to regrind, making it very cost-effective for general purpose applications. Usable for hand-held and machine drilling. Bright finish improves chip flow in soft ferrous or non-ferrous materials.



HSS	DIN 338	4xD
118°	Bright	
λ 20-35°	R	DC h8

Workpiece material group suitability, starting values for cutting speed (m/min) and feed Alpha Code. Tables with feed per revolution can be found starting from page XY.

P1.1 ■ 29 H	P1.2 ■ 33 H	P1.3 ■ 33 H	P2.1 ■ 25 H	P2.2 ■ 22 F	P2.3 ■ 19 E	K1.1 ■ 26 H	K1.2 ■ 19 F	K1.3 ■ 15 F	K2.1 ■ 22 E	K2.2 ■ 18 E	K2.3 ■ 14 E	N1.1 ■ 29 J	N1.2 ■ 22 J
N1.3 ■ 15 I	N2.1 ■ 37 H	N2.2 ■ 33 H	N2.3 ■ 24 H	N3.1 ■ 52 H	N3.2 ■ 31 I	N3.3 ■ 16 G							

Product	DC	DC	DC	LCF	OAL	DCON MS
	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)
A113.8	–	0.80	0.0315	10.0	30.0	0.80
A113.9	–	0.90	0.0354	11.0	32.0	0.90
A1131.0	–	1.00	0.0394	12.0	34.0	1.00
A113N60	N60	1.02	0.0402	12.0	34.0	1.02
A1131.05	–	1.05	0.0413	12.0	34.0	1.05
A113N57	N57	1.09	0.0429	14.0	36.0	1.09
A1131.1	–	1.10	0.0433	14.0	36.0	1.10
A113N56	N56	1.18	0.0465	14.0	36.0	1.18
A1133/64	3/64	1.19	0.0469	16.0	38.0	1.19
A1131.2	–	1.20	0.0472	16.0	38.0	1.20
A1131.3	–	1.30	0.0512	16.0	38.0	1.30
A113N55	N55	1.32	0.0520	16.0	38.0	1.32
A1131.35	–	1.35	0.0531	18.0	40.0	1.35
A1131.4	–	1.40	0.0551	18.0	40.0	1.40
A1131.5	–	1.50	0.0591	18.0	40.0	1.50
A113N53	N53	1.51	0.0594	20.0	43.0	1.51
A1131.55	–	1.55	0.0610	20.0	43.0	1.55
A1131/16	1/16	1.59	0.0625	20.0	43.0	1.59
A1131.6	–	1.60	0.0630	20.0	43.0	1.60
A113N52	N52	1.61	0.0634	20.0	43.0	1.61
A1131.65	–	1.65	0.0650	20.0	43.0	1.65
A1131.7	–	1.70	0.0669	20.0	43.0	1.70
A113N50	N50	1.78	0.0701	22.0	46.0	1.78
A1131.8	–	1.80	0.0709	22.0	46.0	1.80
A113N49	N49	1.85	0.0728	22.0	46.0	1.85
A1131.9	–	1.90	0.0748	22.0	46.0	1.90
A113N48	N48	1.93	0.0760	24.0	49.0	1.93
A1131.95	–	1.95	0.0768	24.0	49.0	1.95
A1135/64	5/64	1.98	0.0781	24.0	49.0	1.98
A1132.0	–	2.00	0.0787	24.0	49.0	2.00

Product	DC	DC	DC	LCF	OAL	DCON MS
	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)
A113N46	N46	2.06	0.0811	24.0	49.0	2.06
A1132.1	–	2.10	0.0827	24.0	49.0	2.10
A113N44	N44	2.18	0.0858	27.0	53.0	2.18
A1132.2	–	2.20	0.0866	27.0	53.0	2.20
A113N43	N43	2.26	0.0890	27.0	53.0	2.26
A1132.3	–	2.30	0.0906	27.0	53.0	2.30
A113N42	N42	2.37	0.0933	30.0	57.0	2.37
A1133/32	3/32	2.38	0.0938	30.0	57.0	2.38
A1132.4	–	2.40	0.0945	30.0	57.0	2.40
A113N41	N41	2.44	0.0961	30.0	57.0	2.44
A1132.5	–	2.50	0.0984	30.0	57.0	2.50
A113N39	N39	2.53	0.0996	30.0	57.0	2.53
A1132.55	–	2.55	0.1004	30.0	57.0	2.55
A1132.6	–	2.60	0.1024	30.0	57.0	2.60
A113N37	N37	2.64	0.1039	30.0	57.0	2.64
A1132.7	–	2.70	0.1063	33.0	61.0	2.70
A113N36	N36	2.71	0.1067	33.0	61.0	2.71
A1132.75	–	2.75	0.1083	33.0	61.0	2.75
A1137/64	7/64	2.78	0.1094	33.0	61.0	2.78
A1132.8	–	2.80	0.1102	33.0	61.0	2.80
A113N34	N34	2.82	0.1110	33.0	61.0	2.82
A113N33	N33	2.87	0.1130	33.0	61.0	2.87
A1132.9	–	2.90	0.1142	33.0	61.0	2.90
A113N32	N32	2.95	0.1161	33.0	61.0	2.95
A1133.0	–	3.00	0.1181	33.0	61.0	3.00
A113N31	N31	3.05	0.1201	36.0	65.0	3.05
A1133.1	–	3.10	0.1220	36.0	65.0	3.10
A1131/8	1/8	3.17	0.1250	36.0	65.0	3.17
A1133.2	–	3.20	0.1260	36.0	65.0	3.20
A1133.25	–	3.25	0.1280	36.0	65.0	3.25



Product	DC	DC	DC	LCF	OAL	D CON MS
	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)
A113N30	N30	3.26	0.1283	36.0	65.0	3.26
A1133.3	–	3.30	0.1299	36.0	65.0	3.30
A1133.4	–	3.40	0.1339	39.0	70.0	3.40
A113N29	N29	3.45	0.1358	39.0	70.0	3.45
A1133.5	–	3.50	0.1378	39.0	70.0	3.50
A1139/64	9/64	3.57	0.1406	39.0	70.0	3.57
A1133.6	–	3.60	0.1417	39.0	70.0	3.60
A1133.7	–	3.70	0.1457	39.0	70.0	3.70
A113N26	N26	3.73	0.1469	39.0	70.0	3.73
A113N25	N25	3.80	0.1496	43.0	75.0	3.80
A1133.8	–	3.80	0.1496	43.0	75.0	3.80
A113N24	N24	3.86	0.1520	43.0	75.0	3.86
A1133.9	–	3.90	0.1535	43.0	75.0	3.90
A113N23	N23	3.91	0.1539	43.0	75.0	3.91
A1133.95	–	3.95	0.1555	43.0	75.0	3.95
A1135/32	5/32	3.97	0.1563	43.0	75.0	3.97
A113N22	N22	3.99	0.1571	43.0	75.0	3.99
A1134.0	–	4.00	0.1575	43.0	75.0	4.00
A113N21	N21	4.04	0.1591	43.0	75.0	4.04
A1134.05	–	4.05	0.1594	43.0	75.0	4.05
A113N20	N20	4.09	0.1610	43.0	75.0	4.09
A1134.1	–	4.10	0.1614	43.0	75.0	4.10
A1134.15	–	4.15	0.1634	43.0	75.0	4.15
A1134.2	–	4.20	0.1654	43.0	75.0	4.20
A1134.25	–	4.25	0.1673	43.0	75.0	4.25
A1134.3	–	4.30	0.1693	47.0	80.0	4.30
A11311/64	11/64	4.37	0.1719	47.0	80.0	4.37
A1134.4	–	4.40	0.1732	47.0	80.0	4.40
A1134.5	–	4.50	0.1772	47.0	80.0	4.50
A1134.6	–	4.60	0.1811	47.0	80.0	4.60
A1134.7	–	4.70	0.1850	47.0	80.0	4.70
A1133/16	3/16	4.76	0.1875	52.0	86.0	4.76
A1134.8	–	4.80	0.1890	52.0	86.0	4.80
A113N11	N11	4.85	0.1909	52.0	86.0	4.85
A1134.9	–	4.90	0.1929	52.0	86.0	4.90
A113N10	N10	4.92	0.1937	52.0	86.0	4.92
A1134.95	–	4.95	0.1949	52.0	86.0	4.95
A1135.0	–	5.00	0.1969	52.0	86.0	5.00
A113N8	N8	5.06	0.1992	52.0	86.0	5.06
A1135.1	–	5.10	0.2008	52.0	86.0	5.10
A11313/64	13/64	5.16	0.2031	52.0	86.0	5.16
A1135.2	–	5.20	0.2047	52.0	86.0	5.20
A1135.3	–	5.30	0.2087	52.0	86.0	5.30
A1135.4	–	5.40	0.2126	57.0	93.0	5.40
A1135.5	–	5.50	0.2165	57.0	93.0	5.50
A1137/32	7/32	5.56	0.2188	57.0	93.0	5.56
A1135.6	–	5.60	0.2205	57.0	93.0	5.60
A1135.7	–	5.70	0.2244	57.0	93.0	5.70
A1135.8	–	5.80	0.2283	57.0	93.0	5.80
A1135.9	–	5.90	0.2323	57.0	93.0	5.90
A11315/64	15/64	5.95	0.2344	57.0	93.0	5.95
A1136.0	–	6.00	0.2362	57.0	93.0	6.00
A113B	B	6.04	0.2378	63.0	101.0	6.04
A1136.1	–	6.10	0.2402	63.0	101.0	6.10
A1136.2	–	6.20	0.2441	63.0	101.0	6.20
A1136.3	–	6.30	0.2480	63.0	101.0	6.30
A1131/4	1/4	6.35	0.2500	63.0	101.0	6.35
A1136.4	–	6.40	0.2520	63.0	101.0	6.40
A1136.5	–	6.50	0.2559	63.0	101.0	6.50
A1136.6	–	6.60	0.2598	63.0	101.0	6.60
A113G	G	6.63	0.2610	63.0	101.0	6.63
A1136.7	–	6.70	0.2638	63.0	101.0	6.70

Product	DC	DC	DC	LCF	OAL	D CON MS
	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)
A11317/64	17/64	6.75	0.2656	69.0	109.0	6.75
A1136.8	–	6.80	0.2677	69.0	109.0	6.80
A1136.9	–	6.90	0.2717	69.0	109.0	6.90
A1137.0	–	7.00	0.2756	69.0	109.0	7.00
A1137.1	–	7.10	0.2795	69.0	109.0	7.10
A1139/32	9/32	7.14	0.2813	69.0	109.0	7.14
A1137.2	–	7.20	0.2835	69.0	109.0	7.20
A1137.3	–	7.30	0.2874	69.0	109.0	7.30
A1137.4	–	7.40	0.2913	69.0	109.0	7.40
A1137.5	–	7.50	0.2953	69.0	109.0	7.50
A11319/64	19/64	7.54	0.2969	75.0	117.0	7.54
A1137.6	–	7.60	0.2992	75.0	117.0	7.60
A1137.7	–	7.70	0.3031	75.0	117.0	7.70
A1137.8	–	7.80	0.3071	75.0	117.0	7.80
A1137.9	–	7.90	0.3110	75.0	117.0	7.90
A1135/16	5/16	7.94	0.3125	75.0	117.0	7.94
A1138.0	–	8.00	0.3150	75.0	117.0	8.00
A1138.1	–	8.10	0.3189	75.0	117.0	8.10
A1138.2	–	8.20	0.3228	75.0	117.0	8.20
A1138.3	–	8.30	0.3268	75.0	117.0	8.30
A11321/64	21/64	8.33	0.3281	75.0	117.0	8.33
A1138.4	–	8.40	0.3307	75.0	117.0	8.40
A1138.5	–	8.50	0.3346	75.0	117.0	8.50
A1138.6	–	8.60	0.3386	81.0	125.0	8.60
A1138.7	–	8.70	0.3425	81.0	125.0	8.70
A11311/32	11/32	8.73	0.3438	81.0	125.0	8.73
A1138.8	–	8.80	0.3465	81.0	125.0	8.80
A1135	S	8.84	0.3480	81.0	125.0	8.84
A1138.9	–	8.90	0.3504	81.0	125.0	8.90
A1139.0	–	9.00	0.3543	81.0	125.0	9.00
A1139.1	–	9.10	0.3583	81.0	125.0	9.10
A11323/64	23/64	9.13	0.3594	81.0	125.0	9.13
A1139.2	–	9.20	0.3622	81.0	125.0	9.20
A1139.3	–	9.30	0.3661	81.0	125.0	9.30
A113U	U	9.34	0.3677	81.0	125.0	9.34
A1139.4	–	9.40	0.3701	81.0	125.0	9.40
A1139.5	–	9.50	0.3740	81.0	125.0	9.50
A1133/8	3/8	9.53	0.3750	87.0	133.0	9.53
A1139.6	–	9.60	0.3780	87.0	133.0	9.60
A1139.7	–	9.70	0.3819	87.0	133.0	9.70
A1139.8	–	9.80	0.3858	87.0	133.0	9.80
A1139.9	–	9.90	0.3898	87.0	133.0	9.90
A11325/64	25/64	9.92	0.3906	87.0	133.0	9.92
A11310.0	–	10.00	0.3937	87.0	133.0	10.00
A11310.1	–	10.10	0.3976	87.0	133.0	10.10
A11310.2	–	10.20	0.4016	87.0	133.0	10.20
A11310.3	–	10.30	0.4055	87.0	133.0	10.30
A11313/32	13/32	10.32	0.4063	87.0	133.0	10.32
A11310.4	–	10.40	0.4094	87.0	133.0	10.40
A11310.5	–	10.50	0.4134	87.0	133.0	10.50
A11310.6	–	10.60	0.4173	87.0	133.0	10.60
A11310.7	–	10.70	0.4213	94.0	142.0	10.70
A11327/64	27/64	10.72	0.4219	94.0	142.0	10.72
A11310.8	–	10.80	0.4252	94.0	142.0	10.80
A11310.9	–	10.90	0.4291	94.0	142.0	10.90
A11311.0	–	11.00	0.4331	94.0	142.0	11.00
A11311.1	–	11.10	0.4370	94.0	142.0	11.10
A1137/16	7/16	11.11	0.4375	94.0	142.0	11.11
A11311.2	–	11.20	0.4409	94.0	142.0	11.20
A11311.3	–	11.30	0.4449	94.0	142.0	11.30
A11311.4	–	11.40	0.4488	94.0	142.0	11.40
A11311.5	–	11.50	0.4528	94.0	142.0	11.50



Product	DC	DC	DC	LCF	OAL	D CON MS
	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)
A11329/64	29/64	11.51	0.4531	94.0	142.0	11.51
A11311.6	–	11.60	0.4567	94.0	142.0	11.60
A11311.7	–	11.70	0.4606	94.0	142.0	11.70
A11311.8	–	11.80	0.4646	94.0	142.0	11.80
A11311.9	–	11.90	0.4685	101.0	151.0	11.90
A11315/32	15/32	11.91	0.4688	101.0	151.0	11.91
A11312.0	–	12.00	0.4724	101.0	151.0	12.00
A11312.1	–	12.10	0.4764	101.0	151.0	12.10
A11312.2	–	12.20	0.4803	101.0	151.0	12.20
A11312.3	–	12.30	0.4843	101.0	151.0	12.30
A11331/64	31/64	12.30	0.4844	101.0	151.0	12.30
A11312.4	–	12.40	0.4882	101.0	151.0	12.40
A11312.5	–	12.50	0.4921	101.0	151.0	12.50
A11312.6	–	12.60	0.4961	101.0	151.0	12.60
A1131/2	1/2	12.70	0.5000	101.0	151.0	12.70
A11312.7	–	12.70	0.5000	101.0	151.0	12.70

Product	DC	DC	DC	LCF	OAL	D CON MS
	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)
A11312.8	–	12.80	0.5039	101.0	151.0	12.80
A11312.9	–	12.90	0.5079	101.0	151.0	12.90
A11313.0	–	13.00	0.5118	101.0	151.0	13.00
A11333/64	33/64	13.10	0.5156	101.0	151.0	13.10
A11313.1	–	13.10	0.5157	101.0	151.0	13.10
A11313.2	–	13.20	0.5197	101.0	151.0	13.20
A11313.3	–	13.30	0.5236	108.0	160.0	13.30
A11313.4	–	13.40	0.5276	108.0	160.0	13.40
A11317/32	17/32	13.49	0.5313	108.0	160.0	13.49
A11313.5	–	13.50	0.5315	108.0	160.0	13.50
A11313.6	–	13.60	0.5354	108.0	160.0	13.60
A11313.7	–	13.70	0.5394	108.0	160.0	13.70
A11313.8	–	13.80	0.5433	108.0	160.0	13.80
A11335/64	35/64	13.89	0.5469	108.0	160.0	13.89
A11313.9	–	13.90	0.5472	108.0	160.0	13.90
A11314.0	–	14.00	0.5512	108.0	160.0	14.00



A113

BRIGHT HSS DRILL

INTRODUCTION



Introducing cost effective general purpose HSS jobber drill with bright finish – Dormer A113. Conventional 118° point provides strength, while bright finish improves chip flow and its evacuation, especially in soft, sticky ferrous alloys and non-ferrous alloys. Easy multiple regrinding brings added value for maintenance mechanics, field service engineers, craftspeople, contract engineers, and educational institutions.

 **DORMER**



A113



- HSS Jobber drill
- Bright finish
- Metric range: 0.8 – 14 mm
- Imperial range: 3/64 – 35/64"