

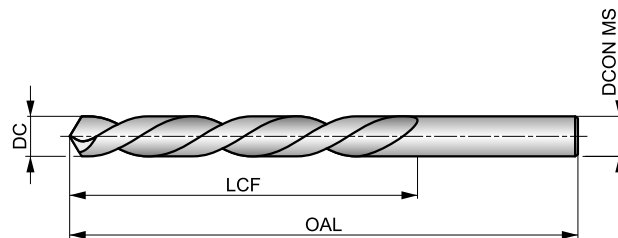


A101



HSS Left-Hand Jobber Drill, Steam Tempered Finish

Versatile left-handed drill with steam tempered finish for hand-held and machine drilling. Conventional 118° point provides strength and is easy to regrind, making it very cost-effective. Steam tempered finish retains cutting fluid and prevents chip to tool welding. Suitable for drilling many materials.



HSS	DIN 338	4×D
118°	ST	
20-35°	L	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 175.

P1.1 ■ 33 H	P1.2 ■ 37 H	P1.3 ■ 38 H	P2.1 ■ 28 H	P2.2 ■ 25 F	P2.3 ■ 22 E	P3.1 ■ 19 F	P3.2 ■ 15 F	P3.3 ■ 13 E	P4.1 ■ 11 F	P4.2 ■ 10 E	P4.3 ■ 8 D	M1.1 ■ 21 E	M1.2 ■ 17 E
M2.1 ■ 18 E	M2.2 ■ 15 E	M3.1 ■ 9 G	M3.2 ■ 8 G	M3.3 ■ 7 G	M4.1 ■ 9 C	K1.1 ■ 30 H	K1.2 ■ 22 F	K1.3 ■ 17 F	K2.1 ■ 25 E	K2.2 ■ 20 E	K2.3 ■ 16 E	K3.1 ■ 22 E	K3.2 ■ 17 E
K3.3 ■ 13 E	K4.1 ■ 20 E	K4.2 ■ 15 E	K4.3 ■ 11 E	K4.4 ■ 10 E	K4.5 ■ 8 E	K5.1 ■ 23 E	K5.2 ■ 17 E	K5.3 ■ 13 E	N1.1 ■ 33 J	N1.2 ■ 25 J	N1.3 ■ 17 I	N2.1 ■ 42 H	N2.2 ■ 37 H
N2.3 ■ 27 H	N3.1 ■ 59 H	N3.2 ■ 35 I	N3.3 ■ 18 G	N4.1 ■ 30 J	N4.2 ■ 28 H	N4.3 ■ 14 F	S1.1 ■ 23 E	S1.2 ■ 12 D	S1.3 ■ 6 B	S2.1 ■ 8 E	S2.2 ■ 4 A	S3.1 ■ 6 E	S3.2 ■ 3 A
S4.1 ■ 5 E	S4.2 ■ 2 A												

DC ≤ 3mm Bright.

Product	DC	DC	LCF	OAL	DCON MS	Product	DC	DC	LCF	OAL	DCON MS
	(mm)	(inch)					(mm)	(mm)			
A1011.0	1.00	0.0394	12.0	34.0	1.00	A1013.2	3.20	0.1260	36.0	65.0	3.20
A1011.1	1.10	0.0433	14.0	36.0	1.10	A1013.3	3.30	0.1299	36.0	65.0	3.30
A1011.2	1.20	0.0472	16.0	38.0	1.20	A1013.5	3.50	0.1378	39.0	70.0	3.50
A1011.25	1.25	0.0492	16.0	38.0	1.25	A1013.8	3.80	0.1496	43.0	75.0	3.80
A1011.3	1.30	0.0512	16.0	38.0	1.30	A1014.0	4.00	0.1575	43.0	75.0	4.00
A1011.4	1.40	0.0551	18.0	40.0	1.40	A1014.2	4.20	0.1654	43.0	75.0	4.20
A1011.5	1.50	0.0591	18.0	40.0	1.50	A1014.5	4.50	0.1772	47.0	80.0	4.50
A1011.6	1.60	0.0630	20.0	43.0	1.60	A1014.8	4.80	0.1890	52.0	86.0	4.80
A1011.7	1.70	0.0669	20.0	43.0	1.70	A1015.0	5.00	0.1969	52.0	86.0	5.00
A1011.8	1.80	0.0709	22.0	46.0	1.80	A1015.1	5.10	0.2008	52.0	86.0	5.10
A1011.9	1.90	0.0748	22.0	46.0	1.90	A1015.2	5.20	0.2047	52.0	86.0	5.20
A1012.0	2.00	0.0787	24.0	49.0	2.00	A1015.5	5.50	0.2165	57.0	93.0	5.50
A1012.1	2.10	0.0827	24.0	49.0	2.10	A1016.0	6.00	0.2362	57.0	93.0	6.00
A1012.2	2.20	0.0866	27.0	53.0	2.20	A1016.5	6.50	0.2559	63.0	101.0	6.50
A1012.3	2.30	0.0906	27.0	53.0	2.30	A1017.0	7.00	0.2756	69.0	109.0	7.00
A1012.4	2.40	0.0945	30.0	57.0	2.40	A1017.5	7.50	0.2953	69.0	109.0	7.50
A1012.5	2.50	0.0984	30.0	57.0	2.50	A1018.0	8.00	0.3150	75.0	117.0	8.00
A1012.6	2.60	0.1024	30.0	57.0	2.60	A1018.5	8.50	0.3346	75.0	117.0	8.50
A1012.7	2.70	0.1063	33.0	61.0	2.70	A1019.0	9.00	0.3543	81.0	125.0	9.00
A1012.8	2.80	0.1102	33.0	61.0	2.80	A10110.0	10.00	0.3937	87.0	133.0	10.00
A1012.9	2.90	0.1142	33.0	61.0	2.90	A10111.0	11.00	0.4331	94.0	142.0	11.00
A1013.0	3.00	0.1181	33.0	61.0	3.00	A10112.0	12.00	0.4724	101.0	151.0	12.00