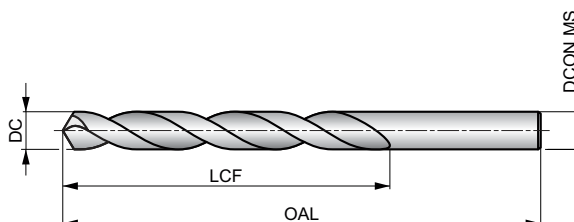




A002

HSS Jobber Drill, TiN-Tip Coated

Versatile drill for both hand-held and machine drilling. A specially designed 118° split point which helps to self-center the drill when drilling by hand and provides more accurate sized holes. Suitable for many materials. TiN-Tip coating improves performance and extends tool life.



HSS	DIN 338	4xD
118°	TiN-Tip	
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 175.

P1.1 ■ 46 J	P1.2 ■ 52 J	P1.3 ■ 54 J	P2.1 ■ 40 J	P2.2 ■ 35 F	P2.3 ■ 31 F	P3.1 ■ 27 F	P3.2 ■ 21 F	P3.3 ■ 18 F	P4.1 ■ 16 F	P4.2 ■ 13 F	P4.3 ■ 11 E	M1.1 ■ 27 F	M1.2 ■ 23 F
M2.1 ■ 24 F	M2.2 ■ 20 F	M3.1 ■ 14 G	M3.2 ■ 12 G	M3.3 ■ 11 G	M4.1 ■ 16 C	K1.1 ■ 40 J	K1.2 ■ 30 E	K1.3 ■ 22 E	K2.1 ■ 34 E	K2.2 ■ 28 E	K2.3 ■ 22 E	K3.1 ■ 30 E	K3.2 ■ 23 E
K3.3 ■ 19 E	K4.1 ■ 28 E	K4.2 ■ 21 E	K4.3 ■ 16 E	K4.4 ■ 13 E	K4.5 ■ 11 E	K5.1 ■ 32 E	K5.2 ■ 24 E	K5.3 ■ 19 E	N1.1 ■ 41 K	N1.2 ■ 31 K	N1.3 ■ 21 J	N2.1 ■ 51 I	N2.2 ■ 46 I
N2.3 ■ 33 I	N3.1 ■ 56 H	N3.2 ■ 33 I	N3.3 ■ 17 G	N4.1 ■ 30 I	N4.2 ■ 50 H	N4.3 ■ 35 F	S1.1 ■ 23 F	S1.2 ■ 13 D	S1.3 ■ 7 B	S2.1 ■ 9 E	S2.2 ■ 4 A	S3.1 ■ 7 E	S3.2 ■ 3 A
S4.1 ■ 5 E	S4.2 ■ 2 A												

DC < 2mm Bright; DC >= 2mm TiN Tipped and Split Point.
Products from this series are also available in set. Please see A087, A089 A094, A095 or A099.

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A0021.0	-	1.00	0.0394	12.0	34.0	1.00
A0021.1	-	1.10	0.0433	14.0	36.0	1.10
A0023/64	3/64	1.19	0.0469	16.0	38.0	1.19
A0021.2	-	1.20	0.0472	16.0	38.0	1.20
A0021.3	-	1.30	0.0512	16.0	38.0	1.30
A0021.4	-	1.40	0.0551	18.0	40.0	1.40
A0021.5	-	1.50	0.0591	18.0	40.0	1.50
A0021/16	1/16	1.59	0.0625	20.0	43.0	1.59
A0021.6	-	1.60	0.0630	20.0	43.0	1.60
A0021.7	-	1.70	0.0669	20.0	43.0	1.70
A0021.8	-	1.80	0.0709	22.0	46.0	1.80
A0021.9	-	1.90	0.0748	22.0	46.0	1.90
A0025/64	5/64	1.98	0.0781	24.0	49.0	1.98
A0022.0	-	2.00	0.0787	24.0	49.0	2.00
A0022.1	-	2.10	0.0827	24.0	49.0	2.10
A0022.2	-	2.20	0.0866	27.0	53.0	2.20
A0022.3	-	2.30	0.0906	27.0	53.0	2.30
A0023/32	3/32	2.38	0.0938	30.0	57.0	2.38
A0022.4	-	2.40	0.0945	30.0	57.0	2.40
A0022.5	-	2.50	0.0984	30.0	57.0	2.50
A0022.6	-	2.60	0.1024	30.0	57.0	2.60
A0022.7	-	2.70	0.1063	33.0	61.0	2.70
A0027/64	7/64	2.78	0.1094	33.0	61.0	2.78
A0022.8	-	2.80	0.1102	33.0	61.0	2.80

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A0022.9	-	2.90	0.1142	33.0	61.0	2.90
A0023.0	-	3.00	0.1181	33.0	61.0	3.00
A0023.1	-	3.10	0.1220	36.0	65.0	3.10
A0021/8	1/8	3.18	0.1250	36.0	65.0	3.18
A0023.2	-	3.20	0.1260	36.0	65.0	3.20
A0023.25	-	3.25	0.1280	36.0	65.0	3.25
A0023.3	-	3.30	0.1299	36.0	65.0	3.30
A0023.4	-	3.40	0.1339	39.0	70.0	3.40
A0023.5	-	3.50	0.1378	39.0	70.0	3.50
A0029/64	9/64	3.57	0.1406	39.0	70.0	3.57
A0023.6	-	3.60	0.1417	39.0	70.0	3.60
A0023.7	-	3.70	0.1457	39.0	70.0	3.70
A0023.8	-	3.80	0.1496	43.0	75.0	3.80
A0023.9	-	3.90	0.1535	43.0	75.0	3.90
A0025/32	5/32	3.97	0.1563	43.0	75.0	3.97
A0024.0	-	4.00	0.1575	43.0	75.0	4.00
A0024.1	-	4.10	0.1614	43.0	75.0	4.10
A0024.2	-	4.20	0.1654	43.0	75.0	4.20
A0024.3	-	4.30	0.1693	47.0	80.0	4.30
A00211/64	11/64	4.37	0.1719	47.0	80.0	4.37
A0024.4	-	4.40	0.1732	47.0	80.0	4.40
A0024.5	-	4.50	0.1772	47.0	80.0	4.50
A0024.6	-	4.60	0.1811	47.0	80.0	4.60
A0024.7	-	4.70	0.1850	47.0	80.0	4.70

