



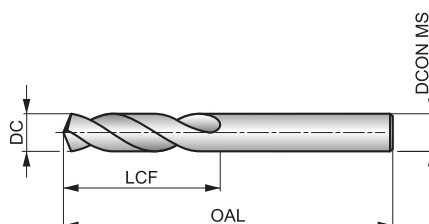
A022

DORMER



HSS Stub Drill, TiN-Tip Coated

Versatile drill with a specially designed 135° split point which helps self-centering when drilling by hand and in machines provides a more accurate hole with a better quality of finish. Suitable for drilling many materials. TiN-Tip coating improves performance and extends the tool life.



HSS	DIN ANSI	2.5×D
135°	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	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■ 33 K	■ 37 K	■ 38 K	■ 28 K	■ 25 I	■ 22 G	■ 24 H	■ 19 H	■ 16 G	■ 14 H	■ 12 G	■ 10 E	■ 21 G	■ 17 G
M2.1	M2.2	M3.1	M3.2	M3.3	M4.1	K1.1	K1.2	K1.3	K2.1	K2.2	K2.3	K3.1	K3.2
■ 18 G	■ 15 G	■ 9 I	■ 8 I	■ 7 I	■ 9 E	■ 32 K	■ 24 I	■ 18 I	■ 25 G	■ 20 G	■ 16 G	■ 22 G	■ 17 G
K3.3	K4.1	K4.2	K4.3	K4.4	K4.5	K5.1	K5.2	K5.3	N1.1	N1.2	N1.3	N2.1	N2.2
■ 13 G	■ 20 G	■ 15 G	■ 11 G	■ 10 G	■ 8 G	■ 23 G	■ 17 G	■ 13 G	■ 40 F	■ 30 F	■ 20 K	■ 49 J	■ 44 J
N2.3	N3.1	N3.2	N3.3	N4.1	N4.2	N4.3	S1.1	S1.2	S1.3	S2.1	S2.2	S3.1	S3.2
■ 32 J	■ 64 I	■ 38 K	■ 19 H	■ 30 K	■ 35 I	■ 17 G	■ 25 I	■ 14 F	■ 8 C	■ 11 F	■ 6 B	■ 8 F	■ 4 B
S4.1	S4.2												
■ 6 F	■ 3 B												

DC < 2mm Bright; DC ≥ 2mm TiN Tipped and Split Point.
Products from this series are also available in set. Please see A088.

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A022.5	—	0.50	0.0197	3.0	20.0	0.50
A022.6	—	0.60	0.0236	3.5	21.0	0.60
A022.7	—	0.70	0.0276	4.5	23.0	0.70
A0221/32	1/32	0.79	0.0313	13.0	35.0	0.79
A022.8	—	0.80	0.0315	5.0	24.0	0.80
A022.9	—	0.90	0.0354	5.5	25.0	0.90
A0221.0	—	1.00	0.0394	6.0	26.0	1.00
A0221.1	—	1.10	0.0433	7.0	28.0	1.10
A0223/64	3/64	1.19	0.0469	13.0	35.0	1.19
A0221.2	—	1.20	0.0472	8.0	30.0	1.20
A0221.3	—	1.30	0.0512	8.0	30.0	1.30
A0221.4	—	1.40	0.0551	9.0	32.0	1.40
A0221.5	—	1.50	0.0591	9.0	32.0	1.50
A0221/16	1/16	1.59	0.0625	16.0	41.0	1.59
A0221.6	—	1.60	0.0630	10.0	34.0	1.60
A0221.7	—	1.70	0.0669	10.0	34.0	1.70
A0221.8	—	1.80	0.0709	11.0	36.0	1.80
A0221.9	—	1.90	0.0748	11.0	36.0	1.90
A0225/64	5/64	1.98	0.0781	17.0	43.0	1.98
A0222.0	—	2.00	0.0787	12.0	38.0	2.00
A0222.1	—	2.10	0.0827	12.0	38.0	2.10
A0222.2	—	2.20	0.0866	13.0	40.0	2.20

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A0222.25	—	2.25	0.0886	13.0	40.0	2.25
A0222.3	—	2.30	0.0906	13.0	40.0	2.30
A0223/32	3/32	2.38	0.0938	20.0	45.0	2.38
A0222.4	—	2.40	0.0945	14.0	43.0	2.40
A0222.5	—	2.50	0.0984	14.0	43.0	2.50
A0222.6	—	2.60	0.1024	14.0	43.0	2.60
A0222.65	—	2.65	0.1043	14.0	43.0	2.65
A0222.7	—	2.70	0.1063	16.0	46.0	2.70
A0227/64	7/64	2.78	0.1094	22.0	47.0	2.78
A0222.8	—	2.80	0.1102	16.0	46.0	2.80
A0222.9	—	2.90	0.1142	16.0	46.0	2.90
A0223.0	—	3.00	0.1181	16.0	46.0	3.00
A0223.1	—	3.10	0.1220	18.0	49.0	3.10
A0221/8	1/8	3.18	0.1250	23.0	49.0	3.18
A0223.2	—	3.20	0.1260	18.0	49.0	3.20
A0223.25	—	3.25	0.1280	18.0	49.0	3.25
A0223.3	—	3.30	0.1299	18.0	49.0	3.30
A0223.4	—	3.40	0.1339	20.0	52.0	3.40
A0223.5	—	3.50	0.1378	20.0	52.0	3.50
A0229/64	9/64	3.57	0.1406	25.0	50.0	3.57
A0223.6	—	3.60	0.1417	20.0	52.0	3.60
A0223.7	—	3.70	0.1457	20.0	52.0	3.70



Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A0223.8	—	3.80	0.1496	22.0	55.0	3.80
A0223.9	—	3.90	0.1535	22.0	55.0	3.90
A0225/32	5/32	3.97	0.1563	26.0	53.0	3.97
A0224.0	—	4.00	0.1575	22.0	55.0	4.00
A0224.1	—	4.10	0.1614	22.0	55.0	4.10
A0224.2	—	4.20	0.1654	22.0	55.0	4.20
A0224.3	—	4.30	0.1693	24.0	58.0	4.30
A02211/64	11/64	4.37	0.1719	28.0	55.0	4.37
A0224.4	—	4.40	0.1732	24.0	58.0	4.40
A0224.5	—	4.50	0.1772	24.0	58.0	4.50
A0224.6	—	4.60	0.1811	24.0	58.0	4.60
A0224.7	—	4.70	0.1850	24.0	58.0	4.70
A0223/16	3/16	4.76	0.1875	30.0	57.0	4.76
A0224.8	—	4.80	0.1890	26.0	62.0	4.80
A0224.9	—	4.90	0.1929	26.0	62.0	4.90
A0225.0	—	5.00	0.1969	26.0	62.0	5.00
A0225.1	—	5.10	0.2008	26.0	62.0	5.10
A02213/64	13/64	5.16	0.2031	31.0	58.0	5.16
A0225.2	—	5.20	0.2047	26.0	62.0	5.20
A0225.3	—	5.30	0.2087	26.0	62.0	5.30
A0225.4	—	5.40	0.2126	28.0	66.0	5.40
A0225.5	—	5.50	0.2165	28.0	66.0	5.50
A0227/32	7/32	5.56	0.2188	33.0	61.0	5.56
A0225.6	—	5.60	0.2205	28.0	66.0	5.60
A0225.7	—	5.70	0.2244	28.0	66.0	5.70
A0225.8	—	5.80	0.2283	28.0	66.0	5.80
A0225.9	—	5.90	0.2323	28.0	66.0	5.90
A02215/64	15/64	5.95	0.2344	34.0	63.0	5.95
A0226.0	—	6.00	0.2362	28.0	66.0	6.00
A0226.1	—	6.10	0.2402	31.0	70.0	6.10
A0226.2	—	6.20	0.2441	31.0	70.0	6.20
A0226.3	—	6.30	0.2480	31.0	70.0	6.30
A0221/4	1/4	6.35	0.2500	36.0	65.0	6.35
A0226.4	—	6.40	0.2520	31.0	70.0	6.40
A0226.5	—	6.50	0.2559	31.0	70.0	6.50
A0226.6	—	6.60	0.2598	31.0	70.0	6.60
A0226.7	—	6.70	0.2638	31.0	70.0	6.70
A0226.8	—	6.80	0.2677	34.0	74.0	6.80
A0226.9	—	6.90	0.2717	34.0	74.0	6.90
A0227.0	—	7.00	0.2756	34.0	74.0	7.00
A0227.1	—	7.10	0.2795	34.0	74.0	7.10
A0229/32	9/32	7.14	0.2813	40.0	70.0	7.14
A0227.2	—	7.20	0.2835	34.0	74.0	7.20
A0227.3	—	7.30	0.2874	34.0	74.0	7.30
A0227.4	—	7.40	0.2913	34.0	74.0	7.40
A0227.5	—	7.50	0.2953	34.0	74.0	7.50
A0227.6	—	7.60	0.2992	37.0	79.0	7.60
A0227.7	—	7.70	0.3031	37.0	79.0	7.70
A0227.8	—	7.80	0.3071	37.0	79.0	7.80
A0227.9	—	7.90	0.3110	37.0	79.0	7.90
A0225/16	5/16	7.94	0.3125	43.0	73.0	7.94
A0228.0	—	8.00	0.3150	37.0	79.0	8.00
A0228.1	—	8.10	0.3189	37.0	79.0	8.10
A0228.2	—	8.20	0.3228	37.0	79.0	8.20

Product	DC	DC	DC	LCF	OAL	DCON MS
	[inch]	[mm]	[inch]	[mm]	[mm]	[mm]
A0228.3	—	8.30	0.3268	37.0	79.0	8.30
A0228.4	—	8.40	0.3307	37.0	79.0	8.40
A0228.5	—	8.50	0.3346	37.0	79.0	8.50
A0228.6	—	8.60	0.3386	40.0	84.0	8.60
A0228.7	—	8.70	0.3425	40.0	84.0	8.70
A02211/32	11/32	8.73	0.3438	45.0	78.0	8.73
A0228.8	—	8.80	0.3465	40.0	84.0	8.80
A0228.9	—	8.90	0.3504	40.0	84.0	8.90
A0229.0	—	9.00	0.3543	40.0	84.0	9.00
A0229.1	—	9.10	0.3583	40.0	84.0	9.10
A0229.2	—	9.20	0.3622	40.0	84.0	9.20
A0229.3	—	9.30	0.3661	40.0	84.0	9.30
A0229.4	—	9.40	0.3701	40.0	84.0	9.40
A0229.5	—	9.50	0.3740	40.0	84.0	9.50
A0223/8	3/8	9.52	0.3750	48.0	81.0	9.52
A0229.6	—	9.60	0.3780	43.0	89.0	9.60
A0229.7	—	9.70	0.3819	43.0	89.0	9.70
A0229.8	—	9.80	0.3858	43.0	89.0	9.80
A0229.9	—	9.90	0.3898	43.0	89.0	9.90
A02210.0	—	10.00	0.3937	43.0	89.0	10.00
A02210.1	—	10.10	0.3976	43.0	89.0	10.10
A02210.2	—	10.20	0.4016	43.0	89.0	10.20
A02210.3	—	10.30	0.4055	43.0	89.0	10.30
A02213/32	13/32	10.32	0.4063	51.0	86.0	10.32
A02210.4	—	10.40	0.4094	43.0	89.0	10.40
A02210.5	—	10.50	0.4134	43.0	89.0	10.50
A02210.6	—	10.60	0.4173	43.0	89.0	10.60
A02210.7	—	10.70	0.4213	47.0	95.0	10.70
A02210.8	—	10.80	0.4252	47.0	95.0	10.80
A02210.9	—	10.90	0.4291	47.0	95.0	10.90
A02211.0	—	11.00	0.4331	47.0	95.0	11.00
A02211.1	—	11.10	0.4370	47.0	95.0	11.10
A0227/16	7/16	11.11	0.4375	54.0	89.0	11.11
A02211.2	—	11.20	0.4409	47.0	95.0	11.20
A02211.3	—	11.30	0.4449	47.0	95.0	11.30
A02211.5	—	11.50	0.4528	47.0	95.0	11.50
A02211.6	—	11.60	0.4567	47.0	95.0	11.60
A02211.7	—	11.70	0.4606	47.0	95.0	11.70
A02211.8	—	11.80	0.4646	47.0	95.0	11.80
A02211.9	—	11.90	0.4685	51.0	102.0	11.90
A02212.0	—	12.00	0.4724	51.0	102.0	12.00
A02212.1	—	12.10	0.4764	51.0	102.0	12.10
A02212.2	—	12.20	0.4803	51.0	102.0	12.20
A02212.5	—	12.50	0.4921	51.0	102.0	12.50
A0221/2	1/2	12.70	0.5000	60.0	98.0	12.70
A02213.0	—	13.00	0.5118	51.0	102.0	13.00
A02213.5	—	13.50	0.5315	54.0	107.0	13.50
A02214.0	—	14.00	0.5512	54.0	107.0	14.00
A0229/16	9/16	14.29	0.5625	67.0	105.0	14.29
A02214.5	—	14.50	0.5709	56.0	111.0	14.50
A02215.0	—	15.00	0.5906	56.0	111.0	15.00
A02215.5	—	15.50	0.6102	58.0	115.0	15.50
A0225/8	5/8	15.88	0.6250	73.0	111.0	15.88
A02216.0	—	16.00	0.6299	58.0	115.0	16.00