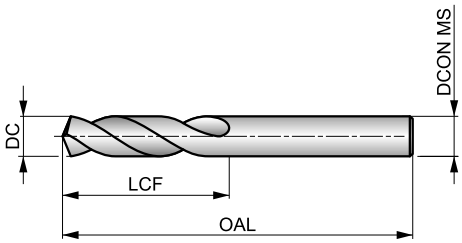
A120

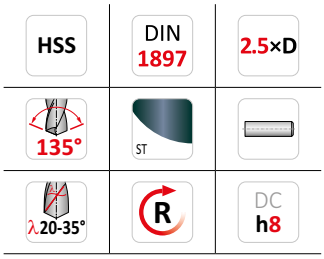
DORMER



HSS Stub Drill, Steam Tempered Finish

Versatile drill with Steam tempered finish. A 135° split point reduces the forces when drilling and prevents the drill from wandering over the surface of the material. Steam tempered finish retains cutting fluid and prevents chip to tool welding. Suitable for hand-held and machine drilling of many materials.





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
■36 J	■40 J	■41 J	■31 J	■27 G	◪24 F	■21 G	■17 G	◪14 F	■12 G	◪10 F	◪9 E	■22 F	■19 F
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**
■20 F	■16 F	◪10 H	◪9 H	◪8 H	◪10 D	■32 J	■24 G	■18 G	■25 F	■20 F	◪16 F	■22 F	■17 F
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 F	■20 F	■15 F	◪11 F	◪10 F	◪8 F	■23 F	■17 F	◪13 F	◪33 K	◪25 K	◪17 J	◪46 I	◪42 I
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**
◪30 I	◪64 I	◪38 J	◪19 H	◪30 K	◪35 I	◪17 G	■27 G	◪16 E	◪8 C	◪11 F	◪6 B	◪8 F	◪4 B
S4.1	**S4.2**												
◪6 F	◪3 B												

DC <= 1mm Bright; 2.9mm => DC >= 13.0mm 118° Point.

Product	DC (inch)	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	DCON MS (mm)
A120.5	–	0.50	0.0197	3.0	20.0	0.50
A120.6	–	0.60	0.0236	3.5	21.0	0.60
A120.7	–	0.70	0.0276	4.5	23.0	0.70
A1201/32	1/32	0.79	0.0313	5.0	24.0	0.79
A120.8	–	0.80	0.0315	5.0	24.0	0.80
A120.9	–	0.90	0.0354	5.5	25.0	0.90
A1201.0	–	1.00	0.0394	6.0	26.0	1.00
A1201.1	–	1.10	0.0433	7.0	28.0	1.10
A1203/64	3/64	1.19	0.0469	8.0	30.0	1.19
A1201.2	–	1.20	0.0472	8.0	30.0	1.20
A1201.3	–	1.30	0.0512	8.0	30.0	1.30
A1201.4	–	1.40	0.0551	9.0	32.0	1.40
A1201.5	–	1.50	0.0591	9.0	32.0	1.50
A1201/16	1/16	1.59	0.0625	10.0	34.0	1.59
A1201.6	–	1.60	0.0630	10.0	34.0	1.60
A1201.7	–	1.70	0.0669	10.0	34.0	1.70
A1201.8	–	1.80	0.0709	11.0	36.0	1.80
A1201.9	–	1.90	0.0748	11.0	36.0	1.90
A1205/64	5/64	1.98	0.0781	12.0	38.0	1.98
A1202.0	–	2.00	0.0787	12.0	38.0	2.00
A1202.1	–	2.10	0.0827	12.0	38.0	2.10
A1202.2	–	2.20	0.0866	13.0	40.0	2.20
A1202.25	–	2.25	0.0886	13.0	40.0	2.25

Product	DC (inch)	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	DCON MS (mm)
A1202.3	–	2.30	0.0906	13.0	40.0	2.30
A1203/32	3/32	2.38	0.0938	14.0	43.0	2.38
A1202.4	–	2.40	0.0945	14.0	43.0	2.40
A1202.5	–	2.50	0.0984	14.0	43.0	2.50
A1202.6	–	2.60	0.1024	14.0	43.0	2.60
A1202.65	–	2.65	0.1043	14.0	43.0	2.65
A1202.7	–	2.70	0.1063	16.0	46.0	2.70
A1207/64	7/64	2.78	0.1094	16.0	46.0	2.78
A1202.8	–	2.80	0.1102	16.0	46.0	2.80
A1202.9	–	2.90	0.1142	16.0	46.0	2.90
A1203.0	–	3.00	0.1181	16.0	46.0	3.00
A1203.1	–	3.10	0.1220	18.0	49.0	3.10
A1201/8	1/8	3.18	0.1252	18.0	49.0	3.18
A1203.2	–	3.20	0.1260	18.0	49.0	3.20
A1203.25	–	3.25	0.1280	18.0	49.0	3.25
A1203.3	–	3.30	0.1299	18.0	49.0	3.30
A1203.4	–	3.40	0.1339	20.0	52.0	3.40
A1203.5	–	3.50	0.1378	20.0	52.0	3.50
A1209/64	9/64	3.57	0.1406	20.0	52.0	3.57
A1203.6	–	3.60	0.1417	20.0	52.0	3.60
A1203.7	–	3.70	0.1457	20.0	52.0	3.70
A1203.8	–	3.80	0.1496	22.0	55.0	3.80
A1203.9	–	3.90	0.1535	22.0	55.0	3.90

Product	DC (inch)	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	DCON MS (mm)
A1205/32	5/32	3.97	0.1563	22.0	55.0	3.97
A1204.0	–	4.00	0.1575	22.0	55.0	4.00
A1204.1	–	4.10	0.1614	22.0	55.0	4.10
A1204.2	–	4.20	0.1654	22.0	55.0	4.20
A1204.3	–	4.30	0.1693	24.0	58.0	4.30
A12011/64	11/64	4.37	0.1719	24.0	58.0	4.37
A1204.4	–	4.40	0.1732	24.0	58.0	4.40
A1204.5	–	4.50	0.1772	24.0	58.0	4.50
A1204.6	–	4.60	0.1811	24.0	58.0	4.60
A1204.7	–	4.70	0.1850	24.0	58.0	4.70
A1203/16	3/16	4.76	0.1875	26.0	62.0	4.76
A1204.8	–	4.80	0.1890	26.0	62.0	4.80
A1204.9	–	4.90	0.1929	26.0	62.0	4.90
A1205.0	–	5.00	0.1969	26.0	62.0	5.00
A1205.1	–	5.10	0.2008	26.0	62.0	5.10
A12013/64	13/64	5.16	0.2031	26.0	62.0	5.16
A1205.2	–	5.20	0.2047	26.0	62.0	5.20
A1205.3	–	5.30	0.2087	26.0	62.0	5.30
A1205.4	–	5.40	0.2126	28.0	66.0	5.40
A1205.5	–	5.50	0.2165	28.0	66.0	5.50
A1207/32	7/32	5.56	0.2188	28.0	66.0	5.56
A1205.6	–	5.60	0.2205	28.0	66.0	5.60
A1205.7	–	5.70	0.2244	28.0	66.0	5.70
A1205.8	–	5.80	0.2283	28.0	66.0	5.80
A1205.9	–	5.90	0.2323	28.0	66.0	5.90
A12015/64	15/64	5.95	0.2344	28.0	66.0	5.95
A1206.0	–	6.00	0.2362	28.0	66.0	6.00
A1206.1	–	6.10	0.2402	31.0	70.0	6.10
A1206.2	–	6.20	0.2441	31.0	70.0	6.20
A1206.3	–	6.30	0.2480	31.0	70.0	6.30
A1201/4	1/4	6.35	0.2500	31.0	70.0	6.35
A1206.4	–	6.40	0.2520	31.0	70.0	6.40
A1206.5	–	6.50	0.2559	31.0	70.0	6.50
A1206.6	–	6.60	0.2598	31.0	70.0	6.60
A1206.7	–	6.70	0.2638	31.0	70.0	6.70
A1206.8	–	6.80	0.2677	34.0	74.0	6.80
A1206.9	–	6.90	0.2717	34.0	74.0	6.90
A1207.0	–	7.00	0.2756	34.0	74.0	7.00
A1207.1	–	7.10	0.2795	34.0	74.0	7.10
A1209/32	9/32	7.14	0.2813	34.0	74.0	7.14
A1207.2	–	7.20	0.2835	34.0	74.0	7.20
A1207.3	–	7.30	0.2874	34.0	74.0	7.30
A1207.4	–	7.40	0.2913	34.0	74.0	7.40
A1207.5	–	7.50	0.2953	34.0	74.0	7.50
A1207.6	–	7.60	0.2992	37.0	79.0	7.60
A1207.7	–	7.70	0.3031	37.0	79.0	7.70
A1207.8	–	7.80	0.3071	37.0	79.0	7.80
A1207.9	–	7.90	0.3110	37.0	79.0	7.90
A1205/16	5/16	7.94	0.3125	37.0	79.0	7.94
A1208.0	–	8.00	0.3150	37.0	79.0	8.00
A1208.1	–	8.10	0.3189	37.0	79.0	8.10
A1208.2	–	8.20	0.3228	37.0	79.0	8.20
A1208.3	–	8.30	0.3268	37.0	79.0	8.30
A1208.4	–	8.40	0.3307	37.0	79.0	8.40
A1208.5	–	8.50	0.3346	37.0	79.0	8.50
A1208.6	–	8.60	0.3386	40.0	84.0	8.60
A1208.7	–	8.70	0.3425	40.0	84.0	8.70
A12011/32	11/32	8.73	0.3438	40.0	84.0	8.73
A1208.8	–	8.80	0.3465	40.0	84.0	8.80
A1208.9	–	8.90	0.3504	40.0	84.0	8.90
A1209.0	–	9.00	0.3543	40.0	84.0	9.00
A1209.1	–	9.10	0.3583	40.0	84.0	9.10
A1209.2	–	9.20	0.3622	40.0	84.0	9.20
A1209.3	–	9.30	0.3661	40.0	84.0	9.30
A1209.4	–	9.40	0.3701	40.0	84.0	9.40

Product	DC (inch)	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	DCON MS (mm)
A1209.5	–	9.50	0.3740	40.0	84.0	9.50
A1203/8	3/8	9.52	0.3750	43.0	89.0	9.52
A1209.6	–	9.60	0.3780	43.0	89.0	9.60
A1209.7	–	9.70	0.3819	43.0	89.0	9.70
A1209.8	–	9.80	0.3858	43.0	89.0	9.80
A1209.9	–	9.90	0.3898	43.0	89.0	9.90
A12010.0	–	10.00	0.3937	43.0	89.0	10.00
A12010.1	–	10.10	0.3976	43.0	89.0	10.10
A12010.2	–	10.20	0.4016	43.0	89.0	10.20
A12010.3	–	10.30	0.4055	43.0	89.0	10.30
A12013/32	13/32	10.32	0.4063	43.0	89.0	10.32
A12010.4	–	10.40	0.4094	43.0	89.0	10.40
A12010.5	–	10.50	0.4134	43.0	89.0	10.50
A12010.6	–	10.60	0.4173	43.0	89.0	10.60
A12010.7	–	10.70	0.4213	47.0	95.0	10.70
A12010.8	–	10.80	0.4252	47.0	95.0	10.80
A12010.9	–	10.90	0.4291	47.0	95.0	10.90
A12011.0	–	11.00	0.4331	47.0	95.0	11.00
A12011.1	–	11.10	0.4370	47.0	95.0	11.10
A1207/16	7/16	11.11	0.4375	47.0	95.0	11.11
A12011.2	–	11.20	0.4409	47.0	95.0	11.20
A12011.3	–	11.30	0.4449	47.0	95.0	11.30
A12011.5	–	11.50	0.4528	47.0	95.0	11.50
A12011.6	–	11.60	0.4567	47.0	95.0	11.60
A12011.7	–	11.70	0.4606	47.0	95.0	11.70
A12011.8	–	11.80	0.4646	47.0	95.0	11.80
A12011.9	–	11.90	0.4685	51.0	102.0	11.90
A12012.0	–	12.00	0.4724	51.0	102.0	12.00
A12012.1	–	12.10	0.4764	51.0	102.0	12.10
A12012.2	–	12.20	0.4803	51.0	102.0	12.20
A12012.5	–	12.50	0.4921	51.0	102.0	12.50
A1201/2	1/2	12.70	0.5000	51.0	102.0	12.70
A12013.0	–	13.00	0.5118	51.0	102.0	13.00
A12013.5	–	13.50	0.5315	54.0	107.0	13.50
A12014.0	–	14.00	0.5512	54.0	107.0	14.00
A1209/16	9/16	14.29	0.5625	56.0	111.0	14.29
A12014.5	–	14.50	0.5709	56.0	111.0	14.50
A12015.0	–	15.00	0.5906	56.0	111.0	15.00
A12015.5	–	15.50	0.6102	58.0	115.0	15.50
A1205/8	5/8	15.88	0.6250	58.0	115.0	15.88
A12016.0	–	16.00	0.6299	58.0	115.0	16.00
A12016.5	–	16.50	0.6496	60.0	119.0	16.50
A12017.0	–	17.00	0.6693	60.0	119.0	17.00
A12011/16	11/16	17.46	0.6875	62.0	123.0	17.46
A12017.5	–	17.50	0.6890	62.0	123.0	17.50
A12018.0	–	18.00	0.7087	62.0	123.0	18.00
A12018.5	–	18.50	0.7283	64.0	127.0	18.50
A12019.0	–	19.00	0.7480	64.0	127.0	19.00
A1203/4	3/4	19.05	0.7500	66.0	131.0	19.05
A12019.5	–	19.50	0.7677	66.0	131.0	19.50
A12020.0	–	20.00	0.7874	66.0	131.0	20.00
A12020.5	–	20.50	0.8071	68.0	136.0	20.50
A12013/16	13/16	20.64	0.8125	68.0	136.0	20.64
A12021.0	–	21.00	0.8268	68.0	136.0	21.00
A12022.0	–	22.00	0.8661	70.0	141.0	22.00
A1207/8	7/8	22.22	0.8750	70.0	141.0	22.22
A12023.0	–	23.00	0.9055	72.0	146.0	23.00
A12015/16	15/16	23.81	0.9375	75.0	151.0	23.81
A12024.0	–	24.00	0.9449	75.0	151.0	24.00
A12025.0	–	25.00	0.9843	75.0	151.0	25.00