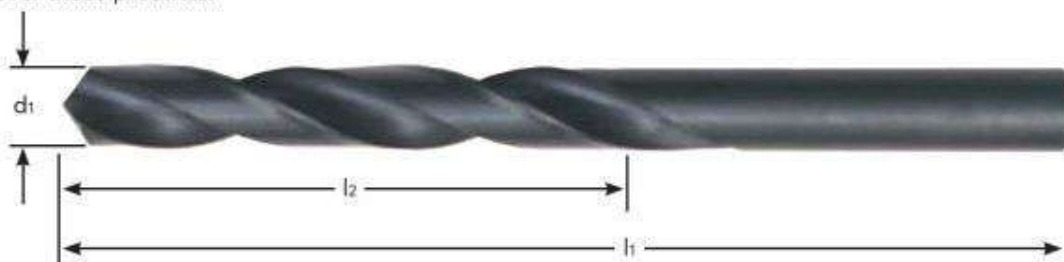


Dimensions - Jobber Drills to BS 328/DIN 338

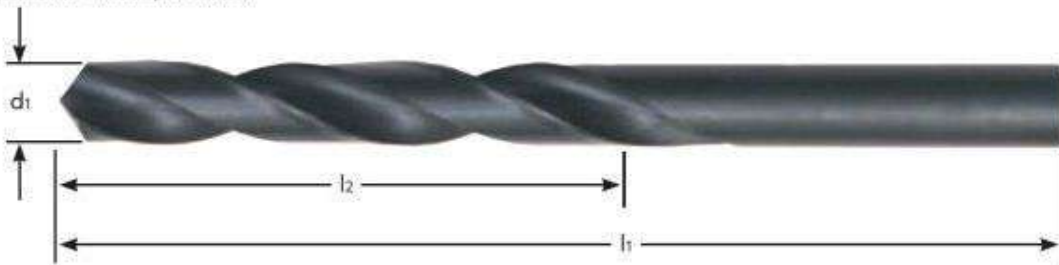
The majority of jobber drills featured in this catalogue comply with the above standards in terms of overall and working dimensions. The tables of sizes below apply to all of these products. In order to save space in the catalogue we are not repeating these dimensions after this page. Any drills which are made to different standards/dimensions will have them listed accordingly in the tables for those products.



d ₁ mm	No/ h _s Letter	Inch Dec.	l ₂ mm	l ₁ mm	d ₁ mm	No/ h _s Letter	Inch Dec.	l ₂ mm	l ₁ mm	d ₁ mm	No/ h _s Letter	Inch Dec.	l ₂ mm	l ₁ mm	d ₁ mm	No/ h _s Letter	Inch Dec.	l ₂ mm	l ₁ mm
0.20		0.0078	2.5	19.0	0.94	63	0.0370	11.0	32.0	2.15		0.0846	27.0	53.0	3.66	27	0.1440	39.0	70.0
0.25		0.0098	3.0	19.0	0.95		0.0374	11.0	32.0	2.18	44	0.0858	27.0	53.0	3.70		0.1456	39.0	70.0
0.30		0.0118	3.0	19.0	0.97	62	0.0381	12.0	34.0	2.20		0.0866	27.0	53.0	3.73	26	0.1468	39.0	70.0
0.32		0.0125	4.0	19.0	0.98		0.0385	12.0	34.0	2.25		0.0885	27.0	53.0	3.75		0.1476	39.0	70.0
0.34	80	0.0133	4.0	19.0	0.99	61	0.0389	12.0	34.0	2.26	43	0.0889	27.0	53.0	3.80		0.1496	43.0	75.0
0.35		0.0137	4.0	19.0	1.00		0.0393	12.0	34.0	2.30		0.0905	27.0	53.0	3.80	25	0.1496	43.0	75.0
0.37	79	0.0145	4.0	19.0	1.02	60	0.0401	12.0	34.0	2.35		0.0925	27.0	53.0	3.86	24	0.1519	43.0	75.0
0.38		0.0149	4.0	19.0	1.04	59	0.0409	12.0	34.0	2.38	3/32	0.0937	30.0	57.0	3.90		0.1535	43.0	75.0
0.40	3/64	0.0157	5.0	20.0	1.05		0.0413	12.0	34.0	2.38	42	0.0937	30.0	57.0	3.91	23	0.1539	43.0	75.0
0.40		0.0157	5.0	20.0	1.07	58	0.0421	14.0	36.0	2.40		0.0944	30.0	57.0	3.97	5/32	0.1562	43.0	75.0
0.41	78	0.0161	5.0	20.0	1.09	57	0.0429	14.0	36.0	2.44	41	0.0960	30.0	57.0	3.99	22	0.157	43.0	75.0
0.42		0.0165	5.0	20.0	1.10		0.0433	14.0	36.0	2.45		0.0964	30.0	57.0	4.00		0.1574	43.0	75.0
0.45		0.0177	5.0	20.0	1.15		0.0452	14.0	36.0	2.49	40	0.098	30.0	57.0	4.04	21	0.1590	43.0	75.0
0.46	77	0.0181	5.0	20.0	1.18	56	0.0464	14.0	36.0	2.50		0.0984	30.0	57.0	4.09	20	0.1610	43.0	75.0
0.48		0.0188	5.0	20.0	1.19	3/64	0.0468	16.0	38.0	2.53	39	0.0996	30.0	57.0	4.10		0.1614	43.0	75.0
0.50		0.0196	6.0	22.0	1.20		0.0472	16.0	38.0	2.55		0.1003	30.0	57.0	4.20		0.1653	43.0	75.0
0.51	76	0.0200	6.0	22.0	1.25		0.0492	16.0	38.0	2.58	38	0.1015	30.0	57.0	4.22	19	0.1661	43.0	75.0
0.52		0.0204	6.0	22.0	1.30		0.0511	16.0	38.0	2.60		0.1023	30.0	57.0	4.25		0.1673	43.0	75.0
0.53	75	0.0208	6.0	22.0	1.32	55	0.0519	16.0	38.0	2.64	37	0.1039	30.0	57.0	4.30		0.1692	47.0	80.0
0.55		0.0216	7.0	24.0	1.35		0.0531	18.0	40.0	2.65		0.1043	30.0	57.0	4.31	18	0.1696	47.0	80.0
0.57	74	0.0224	7.0	24.0	1.40		0.0551	18.0	40.0	2.70		0.1062	33.0	61.0	4.37	11/64	0.172	47.0	80.0
0.58		0.0228	7.0	24.0	1.40	54	0.0551	18.0	40.0	2.71	36	0.1066	33.0	61.0	4.39	17	0.1728	47.0	80.0
0.60		0.0236	7.0	24.0	1.45		0.0570	18.0	40.0	2.75		0.1082	33.0	61.0	4.40		0.1732	47.0	80.0
0.61	73	0.0240	8.0	26.0	1.50		0.0590	18.0	40.0	2.78	3/64	0.1094	33.0	61.0	4.50		0.1771	47.0	80.0
0.62		0.0244	8.0	26.0	1.51	53	0.0594	20.0	43.0	2.79	35	0.1098	33.0	61.0	4.50	16	0.1771	47.0	80.0
0.64	72	0.0251	8.0	26.0	1.55		0.0610	20.0	43.0	2.80		0.1102	33.0	61.0	4.57	15	0.1799	47.0	80.0
0.65		0.0255	8.0	26.0	1.59	1/16	0.0625	20.0	43.0	2.82	34	0.1110	33.0	61.0	4.60		0.1811	47.0	80.0
0.66	71	0.0259	8.0	26.0	1.60		0.0629	20.0	43.0	2.85		0.1122	33.0	61.0	4.62	14	0.1818	47.0	80.0
0.68		0.0267	9.0	28.0	1.61	52	0.0633	20.0	43.0	2.87	33	0.1129	33.0	61.0	4.70		0.1850	47.0	80.0
0.70		0.0275	9.0	28.0	1.65		0.0649	20.0	43.0	2.90		0.1141	33.0	61.0	4.70	13	0.1850	47.0	80.0
0.71	70	0.0279	9.0	28.0	1.70		0.0669	20.0	43.0	2.95		0.1161	33.0	61.0	4.75		0.1870	47.0	80.0
0.72		0.0283	9.0	28.0	1.70	51	0.0669	22.0	46.0	2.95	32	0.1161	33.0	61.0	4.76	3/16	0.1874	52.0	86.0
0.74	69	0.0291	9.0	28.0	1.75		0.0688	22.0	46.0	3.00		0.1181	33.0	61.0	4.80		0.1889	52.0	86.0
0.75		0.0295	9.0	28.0	1.78	50	0.0700	22.0	46.0	3.05	31	0.1200	36.0	65.0	4.80	12	0.1889	52.0	86.0
0.78		0.0307	10.0	30.0	1.80		0.0708	22.0	46.0	3.10		0.1220	36.0	65.0	4.85	11	0.1909	52.0	86.0
0.79	1/32	0.0311	10.0	30.0	1.85		0.0728	22.0	46.0	3.15		0.1240	36.0	65.0	4.90		0.1929	52.0	86.0
0.79	68	0.0311	10.0	30.0	1.85	49	0.0728	22.0	46.0	3.18	1/8	0.1251	36.0	65.0	4.92	10	0.1937	52.0	86.0
0.80		0.0314	10.0	30.0	1.90		0.0748	22.0	46.0	3.20		0.1259	36.0	65.0	4.98	9	0.1960	52.0	86.0
0.81	67	0.0318	10.0	30.0	1.93	48	0.0759	24.0	49.0	3.25		0.1279	36.0	65.0	5.00		0.1968	52.0	86.0
0.82		0.0322	10.0	30.0	1.95		0.0767	24.0	49.0	3.26	30	0.1283	36.0	65.0	5.06	8	0.1992	52.0	86.0
0.84	66	0.0330	10.0	30.0	1.98	3/64	0.0779	24.0	49.0	3.30		0.1299	36.0	65.0	5.10		0.2007	52.0	86.0
0.85		0.0334	10.0	30.0	1.99	47	0.0783	24.0	49.0	3.40		0.1338	39.0	70.0	5.11	7	0.2011	52.0	86.0
0.88		0.0346	11.0	32.0	2.00		0.0787	24.0	49.0	3.45	29	0.1358	39.0	70.0	5.16	13/64	0.2031	52.0	86.0
0.89	65	0.0350	11.0	32.0	2.05		0.0807	24.0	49.0	3.50		0.1377	39.0	70.0	5.18	6	0.2039	52.0	86.0
0.90		0.0354	11.0	32.0	2.06	46	0.0811	24.0	49.0	3.57	3/64	0.1405	39.0	70.0	5.20		0.2047	52.0	86.0
0.91	64	0.0358	11.0	32.0	2.08	45	0.0818	24.0	49.0	3.57	28	0.1405	39.0	70.0	5.22	5	0.2055	52.0	86.0
0.92		0.0362	11.0	32.0	2.10		0.0826	24.0	49.0	3.60		0.1417	39.0	70.0	5.25		0.2066	52.0	86.0

Dimensions - Jobber Drills to BS 328 / DIN 338

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d ₁ mm	No/ hsLetter	Inch Dec.	l ₂ mm	l ₁ mm	d ₁ mm	No/ hsLetter	Inch Dec.	l ₂ mm	l ₁ mm	d ₁ mm	No/ hsLetter	Inch Dec.	l ₂ mm	l ₁ mm	d ₁ mm	No/ hsLetter	Inch Dec.	l ₂ mm	l ₁ mm
5.30		0.2086	52.0	86.0	7.49	M	0.2948	69.0	109.0	9.92	²⁵ / ₆₄	0.3905	87.0	133.0	13.00		0.5118	101.0	151.0
5.31	4	0.2090	57.0	93.0	7.50		0.2952	69.0	109.0	10.00		0.3937	87.0	133.0	13.10	³³ / ₆₄	0.5157	101.0	151.0
5.40		0.2125	57.0	93.0	7.54	¹⁹ / ₆₄	0.2968	75.0	117.0	10.08	X	0.3968	87.0	133.0	13.10		0.5157	101.0	151.0
5.41	3	0.2129	57.0	93.0	7.60		0.2992	75.0	117.0	10.10		0.3976	87.0	133.0	13.20		0.5196	101.0	151.0
5.50		0.2165	57.0	93.0	7.67	N	0.3019	75.0	117.0	10.20		0.4015	87.0	133.0	13.25		0.5216	108.0	160.0
5.56	⁷ / ₃₂	0.2188	57.0	93.0	7.70		0.3031	75.0	117.0	10.25		0.4035	87.0	133.0	13.30		0.5236	108.0	160.0
5.60		0.2204	57.0	93.0	7.75		0.3051	75.0	117.0	10.26	Y	0.4039	87.0	133.0	13.40		0.5275	108.0	160.0
5.61	2	0.2208	57.0	93.0	7.80		0.3070	75.0	117.0	10.30		0.4055	87.0	133.0	13.49	¹⁷ / ₃₂	0.5311	108.0	160.0
5.70		0.2244	57.0	93.0	7.90		0.3110	75.0	117.0	10.32	¹³ / ₃₂	0.4062	87.0	133.0	13.50		0.5314	108.0	160.0
5.75		0.2263	57.0	93.0	7.94	⁵ / ₁₆	0.3125	75.0	117.0	10.40		0.4094	87.0	133.0	13.60		0.5354	108.0	160.0
5.79	1	0.2279	57.0	93.0	8.00		0.3149	75.0	117.0	10.49	Z	0.4129	87.0	133.0	13.70		0.5393	108.0	160.0
5.80		0.2283	57.0	93.0	8.03	O	0.3161	75.0	117.0	10.50		0.4133	87.0	133.0	13.75		0.5413	108.0	160.0
5.90		0.2322	57.0	93.0	8.10		0.3188	75.0	117.0	10.60		0.4173	87.0	133.0	13.80		0.5433	108.0	160.0
5.94	A	0.2338	57.0	93.0	8.20		0.3228	75.0	117.0	10.70		0.4212	94.0	142.0	13.89	³⁵ / ₆₄	0.5468	108.0	160.0
5.95	¹⁵ / ₆₄	0.2342	57.0	93.0	8.20	P	0.3228	75.0	117.0	10.72	²⁷ / ₆₄	0.4220	94.0	142.0	13.90		0.5472	108.0	160.0
6.00		0.2362	57.0	93.0	8.25		0.3248	75.0	117.0	10.75		0.4232	94.0	142.0	14.00		0.5511	108.0	160.0
6.00	B	0.2374	63.0	101.0	8.30		0.3267	75.0	117.0	10.80		0.4251	94.0	142.0	14.25		0.5610	114.0	169.0
6.10		0.2401	63.0	101.0	8.33	²¹ / ₆₄	0.3279	75.0	117.0	10.90		0.4291	94.0	142.0	14.29	⁹ / ₁₆	0.5625	114.0	169.0
6.15	C	0.2421	63.0	101.0	8.40		0.3307	75.0	117.0	11.00		0.4330	94.0	142.0	14.50		0.5708	114.0	169.0
6.20		0.2440	63.0	101.0	8.43	Q	0.3318	75.0	117.0	11.10		0.4370	94.0	142.0	14.68	³⁷ / ₆₄	0.5779	114.0	169.0
6.25		0.2460	63.0	101.0	8.50		0.3346	75.0	117.0	11.11	⁷ / ₁₆	0.4374	94.0	142.0	14.75		0.5807	114.0	169.0
6.25	D	0.2460	63.0	101.0	8.60		0.3385	81.0	125.0	11.20		0.4409	94.0	142.0	15.00		0.5905	114.0	169.0
6.30		0.2480	63.0	101.0	8.61	R	0.3389	81.0	125.0	11.25		0.4429	94.0	142.0	15.08	¹⁹ / ₃₂	0.5937	120.0	178.0
6.35	⁵ / ₁₆	0.2500	63.0	101.0	8.70		0.3425	81.0	125.0	11.30		0.4448	94.0	142.0	15.25		0.6003	120.0	178.0
6.35	E	0.2500	63.0	101.0	8.73	¹¹ / ₃₂	0.3437	81.0	125.0	11.40		0.4488	94.0	142.0	15.48	³⁹ / ₆₄	0.6094	120.0	178.0
6.40		0.2519	63.0	101.0	8.75		0.3444	81.0	125.0	11.50		0.4527	94.0	142.0	15.50		0.6102	120.0	178.0
6.50		0.2559	63.0	101.0	8.80		0.3464	81.0	125.0	11.51	²⁹ / ₆₄	0.4531	94.0	142.0	15.75		0.6200	120.0	178.0
6.53	F	0.2570	63.0	101.0	8.84	S	0.3480	81.0	125.0	11.60		0.4566	94.0	142.0	15.88	5/8	0.6251	120.0	178.0
6.60		0.2598	63.0	101.0	8.90		0.3503	81.0	125.0	11.70		0.4606	94.0	142.0	16.00		0.6299	120.0	178.0
6.63	G	0.2610	63.0	101.0	9.00		0.3543	81.0	125.0	11.75		0.4625	94.0	142.0	16.27	⁴¹ / ₆₄	0.6405	125.0	184.0
6.70		0.2637	63.0	101.0	9.09	T	0.3578	81.0	125.0	11.80		0.4645	94.0	142.0	16.50		0.6496	125.0	184.0
6.75	¹⁷ / ₆₄	0.2657	69.0	109.0	9.10		0.3582	81.0	125.0	11.90		0.4685	101.0	151.0	16.67	²⁷ / ₃₂	0.6562	125.0	184.0
6.75		0.2657	69.0	109.0	9.13	²³ / ₆₄	0.3594	81.0	125.0	11.91	¹⁵ / ₃₂	0.4688	101.0	151.0	17.00		0.6692	125.0	184.0
6.76	H	0.2661	69.0	109.0	9.20		0.3622	81.0	125.0	12.00		0.4724	101.0	151.0	17.07	⁴³ / ₆₄	0.6720	130.0	191.0
6.80		0.2677	69.0	109.0	9.25		0.3641	81.0	125.0	12.10		0.4763	101.0	151.0	17.46	¹¹ / ₁₆	0.6874	130.0	191.0
6.90		0.2716	69.0	109.0	9.30		0.3661	81.0	125.0	12.20		0.4803	101.0	151.0	17.50		0.6889	130.0	191.0
6.91	I	0.2720	69.0	109.0	9.35	U	0.3681	81.0	125.0	12.25		0.4822	101.0	151.0	18.00		0.7086	130.0	191.0
7.00		0.2755	69.0	109.0	9.40		0.3700	81.0	125.0	12.30		0.4842	101.0	151.0	18.5		0.7283	135.0	198.0
7.04	J	0.2771	69.0	109.0	9.50		0.3740	81.0	125.0	12.30	³¹ / ₆₄	0.4842	101.0	151.0	19.00		0.7480	135.0	198.0
7.10		0.2795	69.0	109.0	9.53	³ / ₈	0.3751	87.0	133.0	12.40		0.4881	101.0	151.0	19.50		0.7677	140.0	205.0
7.14	⁹ / ₃₂	0.2811	69.0	109.0	9.58	V	0.3771	87.0	133.0	12.50		0.4921	101.0	151.0	20.00		0.7874	140.0	205.0
7.14	K	0.2811	69.0	109.0	9.60		0.3779	87.0	133.0	12.60		0.4960	101.0	151.0					
7.20		0.2834	69.0	109.0	9.70		0.3818	87.0	133.0	12.70		0.5000	101.0	151.0					
7.25		0.2854	69.0	109.0	9.75		0.3838	87.0	133.0	12.70	¹ / ₂	0.5000	101.0	151.0					
7.30		0.2874	69.0	109.0	9.80		0.3858	87.0	133.0	12.75		0.5019	101.0	151.0					
7.37	L	0.2901	69.0	109.0	9.80	W	0.3858	87.0	133.0	12.80		0.5039	101.0	151.0					
7.40		0.2913	69.0	109.0	9.90		0.3897	87.0	133.0	12.90		0.5078	101.0	151.0					

SENATOR
QUALITY TOOLING

**HSS Roll Forged
Jobber Drills**

For HSS Ground Flute Jobber Drills
for industrial applications, please see page 26 onwards

HSS

Senator jobber drills are roll forged from HSS, ensuring uninterrupted grain structure. This provides exceptional strength and durability. Tips are ground for effective cutting. Suitable for drilling wood, plastic, carbon and plain steels where the cutting efficiency of ground flute is not required.

Manufactured to **BS 328 : Part 1 : 1986 & DIN 338 Type N.**



For Dimensions

See Pages 22 - 23

Metric		PRICED PER 10	PRICED PER 10	PRICED PER 10			
Dia. (mm)	Order Code SEN-025	Dia. (mm)	Order Code SEN-025	Dia. (mm)	Order Code SEN-025	Dia. (inch)	Order Code SEN-025
1.00	-0040N	4.50	-0099C	8.50	-0147E	1/8"	-0001H
1.50	-0050N	4.80	-0103G	9.00	-0153L	3/16"	-0001M
2.00	-0060K	5.00	-0105J	9.50	-0159S	1/4"	-0001R
2.50	-0070W	5.20	-0107L	10.00	-0165N	3/8"	-0002A
2.80	-0076C	5.50	-0111Q	10.20	-0167B	1/2"	-0002J
3.00	-0080G	6.00	-0117X	10.50	-0171F		
3.20	-0083K	6.20	-0119N	11.00	-0177M		
3.30	-0085M	6.50	-0123D	11.50	-0183T		
3.50	-0087P	6.80	-0127H	12.00	-0189A		
3.80	-0091T	7.00	-0129K	12.50	-0195G		
4.00	-0093W	7.50	-0135R	13.00	-0201N		
4.20	-0095Y	8.00	-0141Y	14.00	-0213B		

HSS Roll Forged Jobber Drill Sets

Roll forged from HSS, ensuring uninterrupted grain structure. This provides exceptional strength and durability. Tips are ground for effective cutting. Suitable for drilling wood, plastic, carbon and plain steels where the cutting efficiency of ground flute is not required. Manufactured to **BS 328 : Part 1 : 1986 & DIN 338 Type N.**

x 0.5mm
1.0 - 10.0

19
PIECES



19 Piece Set
Contents (mm):

1.0	3.0	5.0	7.0	9.0
1.5	3.5	5.5	7.5	9.5
2.0	4.0	6.0	8.0	10.0
2.5	4.5	6.5	8.5	

Weight each: 0.65kg
Order Code: **SEN-025**
-9250K

x 0.5mm
1.0 - 13.0

25
PIECES



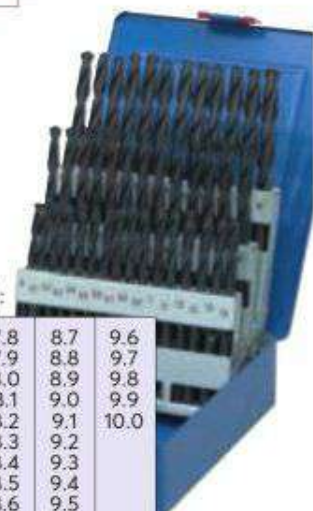
25 Piece Set
Contents (mm):

1.0	3.5	6.0	8.5	11.0
1.5	4.0	6.5	9.0	11.5
2.0	4.5	7.0	9.5	12.0
2.5	5.0	7.5	10.0	12.5
3.0	5.5	8.0	10.5	13.0

Weight each: 1.60kg
Order Code: **SEN-025**
-9150K

x 0.1mm
6.0 - 10.0

41
PIECES



41 Piece Set
Contents (mm):

6.0	6.9	7.8	8.7	9.6
6.1	7.0	7.9	8.8	9.7
6.2	7.1	8.0	8.9	9.8
6.3	7.2	8.1	9.0	9.9
6.4	7.3	8.2	9.1	10.0
6.5	7.4	8.3	9.2	
6.6	7.5	8.4	9.3	
6.7	7.6	8.5	9.4	
6.8	7.7	8.6	9.5	

Weight each: 2.10kg
Order Code: **SEN-025**
-9110K

HSS Roll Forged Jobber Drill Sets

Roll forged from HSS, ensuring uninterrupted grain structure. This provides exceptional strength and durability. Tips are ground for effective cutting. Suitable for drilling wood, plastic, carbon and plain steels where the cutting efficiency of ground flute is not required. Manufactured to **BS 328 : Part 1 : 1986 & DIN 338 Type N.**

x 0.5mm
1.0 - 10.0

170
PIECES

170 Piece Set
Contents (mm):

1.0 x 10	4.5 x 10	8.0 x 10
1.5 x 10	5.0 x 10	8.5 x 5
2.0 x 10	5.5 x 10	9.0 x 5
2.5 x 10	6.0 x 10	9.5 x 5
3.0 x 10	6.5 x 10	10.0 x 5
3.5 x 10	7.0 x 10	
4.0 x 10	7.5 x 10	

Weight each: 3.8kg
Order Code: **SEN-025**
-9300K



x 0.1mm
1.0 - 6.0

51
PIECES



51 Piece Set
Contents (mm):

1.0	1.9	2.8	3.7	4.6	5.5
1.1	2.0	2.9	3.8	4.7	5.6
1.2	2.1	3.0	3.9	4.8	5.7
1.3	2.2	3.1	4.0	4.9	5.8
1.4	2.3	3.2	4.1	5.0	5.9
1.5	2.4	3.3	4.2	5.1	6.0
1.6	2.5	3.4	4.3	5.2	
1.7	2.6	3.5	4.4	5.3	
1.8	2.7	3.6	4.5	5.4	

Weight each: 0.60kg
Order Code: **SEN-025**
-9060K

Metalworking

SENATOR QUALITY TOOLING HSS Tap & Drill Sets

Industrial quality. Ground flute, blue finish. Supplied in indexing metal case. Manufactured to BS328 : Part 1 : 1986, DIN 338N & ANSI B94 -11M.

28 Piece Set Contents (mm):
Taps: (taper, second and bottom): M3, M4, M5, M6, M8, M10 and M12.
Drills: 2.5, 3.3, 4.2, 5.0, 6.8, 8.5 and 10.2mm.



x 0.7mm
2.5 - 10.2

28
PIECES

DIN 338 For Dimensions
BS 328 See Pages 22 - 23

Order Code **SEN-025**
-9960K

HSS METRIC Multi-Purpose 'Dial-A-Drill' Set

Designed to satisfy countless tasks around the home and workshop - a drill bit for every job! Supplied in a robust 'dial a drill' case for easy selection and compact storage.

Contents:
 6 x wood drills with 'lip and spur' self centering/self starting points. Suitable for all types of timber. Sizes 3, 4, 5, 6, 8 and 10mm.
 6 x masonry drills with TCT drill point. Suitable for tiles, ceramics and all light building materials. Sizes 3, 4, 5, 6, 8 and 10mm.
 6 x HSS drills (Jobber) with roll forged flutes. Suitable for use in portable powertools in all types of materials. Sizes 3, 4, 5, 6, 8 and 10mm.

18
PIECES



Weight each Order Code
452g **SEN-025**
-9500K



SHERWOOD QUALITY CUTTING TOOLS HSS Reduced Shank Drills (Blacksmiths)

1/2" parallel shank. General purpose drills for light duty work, for drilling steels, cast iron, nickel brass and graphite. Reduced parallel shank 1/2". Point angle: 118°, helix angle: normal, web thickness: standard, tolerance of diameter: h8, tolerance of shank: 0.01/0.08. Manufactured to works standard.



Black Oxidised Finish

Metric				Metric			
Diameter (mm)	Flute Length	Overall Length	Order Code SHR-025	Diameter (mm)	Flute Length	Overall Length	Order Code SHR-025
13.00	78.0	150.0	-1805A	19.50	85.0	150.0	-1811P
13.50	78.0	150.0	-1805B	20.00	85.0	150.0	-1812Q
14.00	78.0	150.0	-1806C	21.00	85.0	150.0	-1813R
14.50	78.0	150.0	-1806D	22.00	85.0	150.0	-1814S
15.00	78.0	150.0	-1807E	23.00	85.0	150.0	-1815T
15.50	78.0	150.0	-1807F	24.00	85.0	150.0	-1816V
16.00	78.0	150.0	-1808G	25.00	85.0	150.0	-1817W
16.50	78.0	150.0	-1808H	26.00	85.0	150.0	-1818X
17.00	78.0	150.0	-1809J	27.00	85.0	150.0	-1819Y
17.50	78.0	150.0	-1809K	28.00	85.0	150.0	-1820Z
18.00	78.0	150.0	-1810L	29.00	85.0	150.0	-1821A
18.50	78.0	150.0	-1810M	30.00	85.0	150.0	-1822B
19.00	78.0	150.0	-1811N	32.00	85.0	150.0	-1824D



Bright Finish - TiN Tipped

HSS TiN-tip



Metric				Metric				Metric			
Diameter (mm)	Flute Length	Overall Length	Order Code SHR-025	Diameter (mm)	Flute Length	Overall Length	Order Code SHR-025	Diameter (mm)	Flute Length	Overall Length	Order Code SHR-025
14.00	78.0	150.0	-1736C	17.00	78.0	150.0	-1739J	20.00	85.0	150.0	-1742Q
15.00	78.0	150.0	-1737E	18.00	78.0	150.0	-1740L	22.00	85.0	150.0	-1744S
16.00	78.0	150.0	-1738G	19.00	78.0	150.0	-1741P	25.00	85.0	150.0	-1747W



HSS Straight Shank TiN Tipped Jobber Drills

Bright body with TiN coating on working part. For drilling in steel, cast steel alloyed and non-alloyed, grey cast iron, graphite and malleable cast iron. Point angle: 118°, helix angle: normal, web thickness: standard, relief angle: normal, tolerance of diameter: h8, tolerance of shank: f11. Manufactured to BS 328, DIN 338.

HSS TiN-tip



For Dimensions



See Pages 22 - 23

DIN 1412A 118°



Series 1004 - Metric

Dia. (mm)	Order Code SWT-125
1.00	-5010A
1.10	-5011A
1.20	-5012A
1.30	-5013A
1.40	-5014A
1.50	-5015A
1.60	-5016A
1.70	-5017A
1.80	-5018A
1.90	-5019A
2.00	-5020A
2.10	-5021A
2.20	-5022A
2.30	-5023A
2.40	-5024A
2.50	-5025A
2.60	-5026A
2.70	-5027A
2.80	-5028A
2.90	-5029A
3.00	-5030A
3.10	-5031A
3.20	-5032A
3.30	-5033A
3.40	-5034A
3.50	-5035A
3.60	-5036A
3.70	-5037A
3.80	-5038A
3.90	-5039A
4.00	-5040A
4.10	-5041A
4.20	-5042A
4.30	-5043A
4.40	-5044A
4.50	-5045A
4.60	-5046A
4.70	-5047A
4.80	-5048A
4.90	-5049A
5.00	-5050A
5.10	-5051A
5.20	-5052A

Dia. (mm)	Order Code SWT-125
5.30	-5053A
5.40	-5054A
5.50	-5055A
5.60	-5056A
5.70	-5057A
5.80	-5058A
5.90	-5059A
6.00	-5060A
6.10	-5061A
6.20	-5062A
6.30	-5063A
6.40	-5064A
6.50	-5065A
6.60	-5066A
6.70	-5067A
6.80	-5068A
6.90	-5069A
7.00	-5070A
7.10	-5071A
7.20	-5072A
7.50	-5075A
7.80	-5078A
8.00	-5080A
8.10	-5081A
8.20	-5082A
8.30	-5083A
8.40	-5084A
8.50	-5085A
8.60	-5086A
8.70	-5087A
8.80	-5088A
9.00	-5090A
9.10	-5091A
9.20	-5092A
9.50	-5095A
9.60	-5096A
9.80	-5098A
10.00	-5100A
10.20	-5102A
10.30	-5103A
10.40	-5104A
10.50	-5105A
10.80	-5108A

Dia. (mm)	Order Code SWT-125
11.00	-5110A
11.10	-5111A
11.20	-5112A
11.50	-5115A
11.80	-5118A
12.00	-5120A
12.50	-5125A
13.00	-5130A
13.50	-5130F
14.00	-5130L
14.50	-5130R
15.00	-5130X
16.00	-5131H

Inch Sizes

Dia. (inch)	Order Code SWT-125
1/16"	-5002A
3/32"	-5002L
1/8"	-5003A
3/64"	-5003L
5/32"	-5004A
3/16"	-5004L
7/32"	-5005A
1/4"	-5005L
3/8"	-5007A
1/2"	-5008A

HSS TiN Tipped Jobber Drill Sets

19 & 25 Piece Metric Sets

x 0.5mm
1.0 - 10.0

19
PIECES

x 0.5mm
1.0 - 13.0

25
PIECES

Number of Pieces	Order Code SWT-125
19	-9010A
25	-9020A

HSS TiN Coated Jobber Drills

General purpose drill, to drill steels with a tensile strength up to 1,000N/mm², cast steel, grey cast iron, malleable cast iron, nickel brass and graphite. TiN coating provides longer tool life. Point angle: 118°, helix angle: normal, web thickness: normal, relief angle: normal, tolerance of diameter: h8, tolerance of shank: f11. Manufactured to DIN 338 RN, DIN 338.

HSS TiN



For Dimensions



See Pages 22 - 23

DIN 1412A 118°



Series 1001 - Metric

Dia. (mm)	Order Code SWT-125
1.00	-0010A
1.50	-0015A
1.60	-0016A
2.00	-0020A
2.50	-0025A
3.00	-0030A
3.10	-0031A
3.20	-0032A
3.30	-0033A
3.50	-0035A
3.90	-0039A

Dia. (mm)	Order Code SWT-125
4.00	-0040A
4.20	-0042A
4.50	-0045A
4.80	-0048A
5.00	-0050A
5.30	-0053A
5.50	-0055A
6.00	-0060A
6.10	-0061A
6.20	-0062A
6.50	-0065A

Dia. (mm)	Order Code SWT-125
6.80	-0068A
7.00	-0070A
7.50	-0075A
7.80	-0078A
7.90	-0079A
8.00	-0080A
8.50	-0085A
8.90	-0089A
9.00	-0090A
9.50	-0095A
9.90	-0099A

Dia. (mm)	Order Code SWT-125
10.00	-0100A
10.50	-0105A
10.90	-0109A
11.00	-0110A
11.40	-0114A
12.00	-0120A
12.50	-0125A
13.00	-0130A

KENNEDY HSS-Co Straight Shank Drills

Heavy duty drill made of cobalt material with excellent heat resistance. To drill steels with tensile strength up to 1,400 N/mm², very hard bronze, stainless steels as well as heat and acid resistant steels. Point angle: 135°. Helix angle: normal. Web thickness: strengthened. Relief angle: normal. Tolerance of diameter: h8. Tolerance of shank: f11.

Supply unit.

All diameters - 1 pce. Manufacturing to BS 328, DIN 338B.

DIN 338 For Dimensions
BS 328 See Pages 22 - 23



Metric

Dia. (mm)	Order Code KEN-026	Dia. (mm)	Order Code KEN-026
1.00	-0200K	5.30	-1060K
1.10	-0220K	5.50	-1100K
1.20	-0240K	5.60	-1120K
1.40	-0280K	5.80	-1160K
1.50	-0300K	6.00	-1200K
1.60	-0320K	6.20	-1240K
1.70	-0340K	6.30	-1260K
1.80	-0360K	6.50	-1300K
1.90	-0380K	6.60	-1320K
2.00	-0400K	6.70	-1340K
2.10	-0420K	6.80	-1360K
2.20	-0440K	7.00	-1400K
2.30	-0460K	7.20	-1440K
2.40	-0480K	7.40	-1480K
2.50	-0500K	7.50	-1500K
2.60	-0520K	8.00	-1600K
2.80	-0560K	8.50	-1700K
3.00	-0600K	9.00	-1800K
3.10	-0620K	9.50	-1900K
3.20	-0640K	10.00	-2000K
3.30	-0660K	10.20	-2040K
3.40	-0680K	10.50	-2100K
3.50	-0700K	11.00	-2200K
3.60	-0720K	11.50	-2300K
3.70	-0740K	12.00	-2400K
3.80	-0760K	12.50	-2500K
3.90	-0780K	13.00	-2600K
4.00	-0800K		
4.10	-0820K		
4.20	-0840K		
4.30	-0860K		
4.50	-0900K		
4.80	-0960K		
4.90	-0980K		
5.00	-1000K		
5.10	-1020K		
5.20	-1040K		

HSS-Co Straight Shank Drill Sets

Inch & Metric Sets
 Straight Shank.

Manufactured to BS 328, DIN 338B.



Type	Number of Pieces	Order Code KEN-026
Metric	19	-8460K
Inch	15	-8490K

Inch		Dia. (inch)	Order Code KEN-026	Dia. (inch)	Order Code KEN-026
		1/16"	-3040K	3/16"	-3120K
		5/64"	-3050K	7/32"	-3140K
		3/32"	-3060K	1/4"	-3160K
		7/64"	-3070K	11/64"	-3170K
		1/8"	-3080K	9/32"	-3180K
		9/64"	-3090K	5/16"	-3200K
		5/32"	-3100K	3/8"	-3240K
		11/64"	-3110K		

SHERWOOD Solid Carbide Jobber Drills

General purpose drills for drilling a wide variety of metallic and non-metallic materials. Point angle: 118°. Tolerance of diameter: h7. Tolerance of shank: h6. Supply unit. All diameters - 1 pce. Manufacturing Standard: BS 328, DIN 338.

CARBIDE



DIN 338 For Dimensions
BS 328 See Pages 22 - 23

Series J102 - Metric

Dia. (mm)	Order Code SHR-158	Dia. (mm)	Order Code SHR-158	Dia. (mm)	Order Code SHR-158	Dia. (mm)	Order Code SHR-158
1.00	-5100K	2.80	-5280K	5.00	-5500K	7.00	-5700K
1.10	-5110K	2.90	-5290K	5.10	-5510K	7.20	-5720K
1.20	-5120K	3.00	-5300K	5.20	-5520K	7.50	-5750K
1.30	-5130K	3.10	-5310K	5.30	-5530K	8.00	-5800K
1.40	-5140K	3.20	-5320K	5.40	-5540K	8.20	-5820K
1.50	-5150K	3.30	-5330K	5.50	-5550K	8.30	-5830K
1.60	-5160K	3.40	-5340K	5.60	-5560K	8.50	-5850K
1.70	-5170K	3.50	-5350K	5.70	-5570K	8.60	-5860K
1.80	-5180K	3.60	-5360K	5.80	-5580K	9.00	-5900K
1.90	-5190K	3.70	-5370K	6.00	-5600K	10.00	-6000K
2.00	-5200K	3.80	-5380K	6.10	-5610K	10.20	-6020K
2.10	-5210K	4.00	-5400K	6.20	-5620K	10.50	-6050K
2.20	-5220K	4.10	-5410K	6.30	-5630K	11.00	-6100K
2.30	-5230K	4.20	-5420K	6.40	-5640K	11.50	-6150K
2.40	-5240K	4.40	-5440K	6.50	-5650K	12.00	-6200K
2.50	-5250K	4.50	-5450K	6.60	-5660K		
2.60	-5260K	4.60	-5460K	6.70	-5670K		
2.70	-5270K	4.80	-5480K	6.80	-5680K		



HSS-Co Straight Shank Heavy Duty Drills

The addition of up to 8% cobalt allows higher speeds to be used without reducing the life of the tool, increasing productivity. 28° helix and 135° point. Manufactured to DIN 338 RN.



For Dimensions



See Pages 22 - 23



DIN 1412C 135°

Series 1020 - Metric

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
1.00	-0410A	3.30	-0433A	5.90	-0459A	10.20	-0502A
1.40	-0414A	3.40	-0434A	6.00	-0460A	10.50	-0505A
1.50	-0415A	3.50	-0435A	6.20	-0462A	11.00	-0510A
1.60	-0416A	3.70	-0437A	6.40	-0464A	11.30	-0513A
1.70	-0417A	3.80	-0438A	6.50	-0465A	10.80	-0508A
1.80	-0418A	4.00	-0440A	6.80	-0468A	11.50	-0515A
1.90	-0419A	4.10	-0441A	7.00	-0470A	11.60	-0516A
2.00	-0420A	4.20	-0442A	7.10	-0471A	11.70	-0517A
2.10	-0421A	4.30	-0443A	7.20	-0472A	11.90	-0519A
2.20	-0422A	4.50	-0445A	7.50	-0475A	12.00	-0520A
2.40	-0424A	4.80	-0448A	7.80	-0478A	12.50	-0525A
2.50	-0425A	4.90	-0449A	8.00	-0480A	13.00	-0530A
2.60	-0426A	5.00	-0450A	8.20	-0482A	13.50	-0535A
2.80	-0428A	5.10	-0451A	8.50	-0485A	14.00	-0540A
2.90	-0429A	5.20	-0452A	8.90	-0489A		
3.00	-0430A	5.30	-0453A	9.00	-0490A		
3.10	-0431A	5.50	-0455A	9.50	-0495A		
3.20	-0432A	5.80	-0458A	10.00	-0500A		

HSS-Co Straight Shank Heavy Duty TiN Tipped Drills

Heavy-duty drill used to drill steels with a tensile strength up to 1,400 N/mm². Stainless steels, heat and acid resistant steels and phosphor bronze. TiN coating provides longer tool life. Point angle: 135°. Helix angle: normal. Web thickness: strengthened. Relief angle: normal. Tolerance of diameter: h8. Supply unit. All diameters - 1 pce. Manufactured to DIN 338 RN.



For Dimensions



See Pages 22 - 23



DIN 1412A 135°

Series 1024 - Metric

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
1.00	-1710A	3.50	-1735A	6.50	-1765A	10.50	-1805A
1.50	-1715A	4.00	-1740A	6.80	-1768A	11.00	-1810A
1.60	-1716A	4.20	-1742A	7.00	-1770A	12.00	-1820A
2.00	-1720A	4.50	-1745A	7.50	-1775A	12.50	-1825A
2.50	-1725A	4.90	-1749A	8.00	-1780A	13.00	-1830A
3.00	-1730A	5.00	-1750A	8.50	-1785A		
3.20	-1732A	5.50	-1755A	9.00	-1790A		
3.30	-1733A	6.00	-1760A	10.00	-1800A		

HSS-Co Straight Shank Heavy Duty TiN Coated Drills

Heavy-duty drill used to drill steels with a tensile strength up to 1,400 N/mm². Stainless steels, heat and acid resistant steels and phosphor bronze. TiN coating provides longer tool life. Point angle: 135°. Helix angle: normal. Web thickness: strengthened. Relief angle: normal. Tolerance of diameter: h8. Supply unit. All diameters - 1 pce. Manufactured to DIN 338 RN.



For Dimensions



See Pages 22 - 23



DIN 1412C 135°

Series 1033 - Metric

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
1.00	-0610A	3.30	-0633A	6.30	-0663A	12.40	-0724A
1.10	-0611A	3.40	-0634A	6.50	-0665A	12.50	-0725A
1.20	-0612A	3.50	-0635A	6.80	-0668A	12.80	-0728A
1.50	-0615A	4.00	-0640A	6.90	-0669A	13.00	-0730A
1.60	-0616A	4.10	-0641A	7.00	-0670A		
1.70	-0617A	4.20	-0642A	8.00	-0680A		
2.00	-0620A	4.30	-0643A	8.50	-0685A		
2.10	-0621A	4.50	-0645A	8.70	-0687A		
2.30	-0623A	4.80	-0648A	9.00	-0690A		
2.50	-0625A	4.90	-0649A	9.50	-0695A		
2.60	-0626A	5.00	-0650A	10.00	-0700A		
2.70	-0627A	5.10	-0651A	10.20	-0702A		
2.80	-0628A	5.20	-0652A	10.90	-0709A		
3.00	-0630A	5.70	-0657A	11.90	-0719A		
3.20	-0632A	6.00	-0660A	12.00	-0720A		

SWISS+TECH HSS-Co Straight Shank High Helix Drills

High helix drills, to drill long-chipping materials like aluminium, aluminium alloys, copper and plastics. Point angle: 130°. Helix angle: high. Web thickness: normal. Relief angle: normal. Tolerance of diameter: h8. Tolerance of shank: f11. Manufactured to **DIN 338 RN**.

DIN 338 For Dimensions
BS 328 See Pages 22 - 23

HSS-Co

Metalworking

DIN 1412C 130°



Series 1012

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
2.50	-0225A	4.00	-0240A	6.50	-0265A	10.00	-0300A
2.80	-0228A	4.20	-0242A	7.00	-0270A	12.50	-0325A
3.00	-0230A	4.50	-0245A	7.50	-0275A	13.00	-0330A
3.30	-0233A	5.00	-0250A	7.90	-0279A		
3.50	-0235A	6.00	-0260A	9.50	-0295A		

HSS-Co Straight Shank TiN Tipped High Helix Drills

Heavy duty drill for stainless steel, heat and acid-resistant steels, short chipping and high strength steels. High heat resistance allows drilling in titanium and titanium alloys. TiN coating provides longer tool life. Point angle: 130°. Helix angle: high. Web thickness: strengthened. Relief angle: normal. Tolerance of diameter: h8. Tolerance of shank: f11. Manufactured to **DIN 338RN**.

HSS-Co TiN-tip

DIN 338 For Dimensions
BS 328 See Pages 22 - 23

DIN 1412C 130°



Series 1014 - Metric

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
2.00	-1420A	4.00	-1440A	5.50	-1550A	9.00	-1590A
2.50	-1425A	4.20	-1442A	6.00	-1560A	10.00	-1600A
3.00	-1430A	4.50	-1450A	7.00	-1570A	10.50	-1605A
3.30	-1433A	5.00	-1500A	8.00	-1580A	11.00	-1610A
3.50	-1435A	5.20	-1520A	8.50	-1585A	12.00	-1612A

HSS-Co Straight Shank TiN Coated High Helix Drills

Heavy duty drill for stainless steel, heat and acid-resistant steels, short chipping and high strength steels. High heat resistance allows drilling in titanium and titanium alloys. TiN coating provides longer tool life. Point angle: 130°. Helix angle: high. Web thickness: strengthened. Relief angle: normal. Tolerance of diameter: h8. Tolerance of shank: f11. Manufactured to **DIN 338RN**.

HSS-Co TiN

DIN 338 For Dimensions
BS 328 See Pages 22 - 23

DIN 1412C 130°



Series 1060

Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125	Dia. (mm)	Order Code SWT-125
2.00	-1220A	4.00	-1240A	6.70	-1267A	10.00	-1300A
2.50	-1225A	4.20	-1242A	7.00	-1270A	10.50	-1305A
2.90	-1229A	4.50	-1245A	7.20	-1272A	10.60	-1306A
3.00	-1230A	5.00	-1250A	8.00	-1280A	11.00	-1310A
3.30	-1233A	5.50	-1255A	8.50	-1285A	11.60	-1316A
3.40	-1234A	6.00	-1260A	9.00	-1290A		
3.50	-1235A	6.10	-1261A	9.30	-1293A		
3.70	-1237A	6.50	-1265A	9.40	-1294A		