

Fast Spiral HSS Drills

These drills are designed primarily for drilling in non-ferrous materials such as Aluminum, Zinc die cast, and some plastics. They are successfully used in mild steel deep holes where chip packing occurs with standard helix drills.



Fractional Sizes

Size	Decimal Equivalent	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
1/64	0.0156	3/16	3/4	117700	4.75
1/32	0.0312	1/2	1-3/8	117701	3.79
3/64	0.0469	3/4	1-3/4	117702	3.04
1/16	0.0625	7/8	1-7/8	117703	3.11
5/64	0.0781	1	2	117704	3.11
3/32	0.0938	1-1/4	2-1/4	117705	3.11
7/64	0.1094	1-1/2	2-5/8	117706	3.11
1/8	0.1250	1-5/8	2-3/4	117707	2.96
9/64	0.1406	1-3/4	2-7/8	117708	3.23
5/32	0.1562	2	3-1/8	117709	3.04
11/64	0.1719	2-1/8	3-1/4	117710	3.98
3/16	0.1875	2-5/16	3-1/2	117711	4.48
13/64	0.2031	2-7/16	3-5/8	117712	4.93
7/32	0.2188	2-1/2	3-3/4	117713	5.55
15/64	0.2344	2-5/8	3-7/8	117714	5.95
1/4	0.2500	2-3/4	4	117715	6.06
17/64	0.2656	2-7/8	4-1/8	117716	7.62
9/32	0.2812	2-15/16	4-1/4	117717	8.23
19/64	0.2969	3-1/16	4-3/8	117718	8.65
5/16	0.3125	3-3/16	4-1/2	117719	9.14
21/64	0.3281	3-5/16	4-5/8	117720	11.34
11/32	0.3438	3-7/16	4-3/4	117721	12.40
23/64	0.3594	3-1/2	4-7/8	117722	14.87
3/8	0.3750	3-5/8	5	117723	14.87
25/64	0.3906	3-3/4	5-1/8	117724	17.29
13/32	0.4062	3-7/8	5-1/4	117725	17.29
27/64	0.4219	3-15/16	5-3/8	117726	18.63
7/16	0.4375	4-1/16	5-1/2	117727	19.30
29/64	0.4531	4-3/16	5-5/8	117728	20.11
15/32	0.4688	4-5/16	5-3/4	117729	21.62
31/64	0.4844	4-3/8	5-7/8	117730	22.73
1/2	0.5000	4-1/2	6	117731	23.25

Letter Sizes

Size	Decimal Equivalent	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
A	0.2340	2-5/8	3-7/8	117732	7.52
B	0.2380	2-3/4	4	117733	7.52
C	0.2420	2-3/4	4	117734	7.52
D	0.2460	2-3/4	4	117735	7.52
E	0.2500	2-3/4	4	117736	6.06
F	0.2570	2-7/8	4-1/8	117737	7.71
G	0.2610	2-7/8	4-1/8	117738	8.80
H	0.2660	2-7/8	4-1/8	117739	8.80
I	0.2720	2-7/8	4-1/8	117740	8.80
J	0.2770	2-7/8	4-1/8	117741	9.41
K	0.2810	2-15/16	4-1/4	117742	10.54
L	0.2900	2-15/16	4-1/4	117743	10.54
M	0.2950	3-1/16	4-3/8	117744	11.43
N	0.3020	3-1/16	4-3/8	117745	11.43
O	0.3160	3-3/16	4-1/2	117746	11.43
P	0.3230	3-5/16	4-5/8	117747	12.51
Q	0.3320	3-7/16	4-3/4	117748	12.98
R	0.3390	3-7/16	4-3/4	117749	13.24
S	0.3480	3-1/2	4-7/8	117750	14.45
T	0.3580	3-1/2	4-7/8	117751	15.47
U	0.3680	3-5/8	5	117752	15.47
V	0.3770	3-5/8	5	117753	16.20
W	0.3860	3-3/4	5-1/8	117754	16.20
X	0.3970	3-3/4	5-1/8	117755	18.33
Y	0.4040	3-7/8	5-1/4	117756	19.69
Z	0.4130	3-7/8	5-1/4	117757	21.05

Wire Gauge Sizes

Size	Decimal Equivalent	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
1	0.2280	2-5/8	3-7/8	117758	6.48
2	0.2210	2-5/8	3-7/8	117759	6.48
3	0.2130	2-1/2	3-3/4	117760	6.06
4	0.2090	2-1/2	3-3/4	117761	6.06
5	0.2055	2-1/2	3-3/4	117762	6.06
6	0.2040	2-1/2	3-3/4	117763	6.06
7	0.2010	2-7/16	3-5/8	117764	5.01
8	0.1990	2-7/16	3-5/8	117765	5.01
9	0.1960	2-7/16	3-5/8	117766	5.01
10	0.1935	2-7/16	3-5/8	117767	5.01
11	0.1910	2-5/16	3-1/2	117768	5.01
12	0.1890	2-5/16	3-1/2	117769	5.01
13	0.1850	2-5/16	3-1/2	117770	4.71
14	0.1820	2-3/16	3-3/8	117771	4.71
15	0.1800	2-3/16	3-3/8	117772	4.71
16	0.1770	2-3/16	3-3/8	117773	4.71
17	0.1730	2-3/16	3-3/8	117774	4.71
18	0.1695	2-1/8	3-1/4	117775	4.02
19	0.1660	2-1/8	3-1/4	117776	4.02
20	0.1610	2-1/8	3-1/4	117777	4.02
21	0.1590	2-1/8	3-1/4	117778	3.71
22	0.1570	2	3-1/8	117779	3.71
23	0.1540	2	3-1/8	117780	3.45
24	0.1520	2	3-1/8	117781	3.45
25	0.1495	1-7/8	3	117782	3.45
26	0.1470	1-7/8	3	117783	3.45
27	0.1440	1-7/8	3	117784	3.45
28	0.1405	1-3/4	2-7/8	117785	3.23
29	0.1360	1-3/4	2-7/8	117786	3.23
30	0.1285	1-5/8	2-3/4	117787	3.23
31	0.1200	1-5/8	2-3/4	117788	3.23
32	0.1160	1-5/8	2-3/4	117789	3.23
33	0.1130	1-1/2	2-5/8	117790	3.23
34	0.1110	1-1/2	2-5/8	117791	3.23
35	0.1100	1-1/2	2-5/8	117792	3.23
36	0.1065	1-7/16	2-1/2	117793	3.23
37	0.1040	1-7/16	2-1/2	117794	3.23
38	0.1015	1-7/16	2-1/2	117795	3.23
39	0.0995	1-3/8	2-3/8	117796	3.23
40	0.0980	1-3/8	2-3/8	117797	3.11
41	0.0960	1-3/8	2-3/8	117798	2.96
42	0.0935	1-1/4	2-1/4	117799	2.96
43	0.0890	1-1/4	2-1/4	117800	2.96
44	0.0860	1-1/8	2-1/8	117801	3.11
45	0.0820	1-1/8	2-1/8	117802	3.11
46	0.0810	1-1/8	2-1/8	117803	3.11
47	0.0785	1	2	117804	3.11
48	0.0760	1	2	117805	3.11
49	0.0730	1	2	117806	3.11
50	0.0700	1	2	117807	3.11
51	0.0670	1	2	117808	3.11
52	0.0635	7/8	1-7/8	117809	3.11
53	0.0595	7/8	1-7/8	117810	2.96
54	0.0550	7/8	1-7/8	117811	2.96
55	0.0520	7/8	1-7/8	117812	2.96
56	0.0465	3/4	1-3/4	117813	2.96
57	0.0430	3/4	1-3/4	117814	2.96
58	0.0420	11/16	1-5/8	117815	2.96
59	0.0410	11/16	1-5/8	117816	2.96
60	0.0400	11/16	1-5/8	117817	2.96
61	0.0390	11/16	1-5/8	117818	3.75
62	0.0380	5/8	1-1/2	117819	3.75
63	0.0370	5/8	1-1/2	117820	3.75
64	0.0360	5/8	1-1/2	117821	3.75
65	0.0350	5/8	1-1/2	117822	3.75
66	0.0330	1/2	1-3/8	117823	3.75
67	0.0320	1/2	1-3/8	117824	3.75
68	0.0310	1/2	1-3/8	117825	3.75
69	0.0292	1/2	1-3/8	117826	3.75
70	0.0280	3/8	1-1/4	117827	3.75
71	0.0260	3/8	1-1/4	117828	4.63
72	0.0250	5/16	1-1/8	117829	4.37
73	0.0240	5/16	1-1/8	117830	4.37
74	0.0225	1/4	1	117831	4.37
75	0.0210	1/4	1	117832	4.75
76	0.0200	3/16	7/8	117833	4.75
77	0.0180	3/16	7/8	117834	5.17
78	0.0160	3/16	7/8	117835	5.17
79	0.0145	1/8	3/4	117836	5.76
80	0.0135	1/8	3/4	117837	5.76