

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	6.02
1/32	0.0312	1/2	1-3/8	117701	4.82
3/64	0.0469	3/4	1-3/4	117702	3.85
1/16	0.0625	7/8	1-7/8	117703	3.96
5/64	0.0781	1	2	117704	3.96
3/32	0.0938	1-1/4	2-1/4	117705	3.96
7/64	0.1094	1-1/2	2-5/8	117706	3.96
1/8	0.1250	1-5/8	2-3/4	117707	3.76
9/64	0.1406	1-3/4	2-7/8	117708	4.10
5/32	0.1562	2	3-1/8	117709	3.85
11/64	0.1719	2-1/8	3-1/4	117710	5.07
3/16	0.1875	2-5/16	3-1/2	117711	5.68
13/64	0.2031	2-7/16	3-5/8	117712	6.27
7/32	0.2188	2-1/2	3-3/4	117713	7.04
15/64	0.2344	2-5/8	3-7/8	117714	7.57
1/4	0.2500	2-3/4	4	117715	7.72
17/64	0.2656	2-7/8	4-1/8	117716	9.69
9/32	0.2812	2-15/16	4-1/4	117717	10.46
19/64	0.2969	3-1/16	4-3/8	117718	10.99
5/16	0.3125	3-3/16	4-1/2	117719	11.61
21/64	0.3281	3-5/16	4-5/8	117720	14.40
11/32	0.3438	3-7/16	4-3/4	117721	15.75
23/64	0.3594	3-1/2	4-7/8	117722	18.89
3/8	0.3750	3-5/8	5	117723	18.89
25/64	0.3906	3-3/4	5-1/8	117724	21.98
13/32	0.4062	3-7/8	5-1/4	117725	21.98
27/64	0.4219	3-15/16	5-3/8	117726	23.66
7/16	0.4375	4-1/16	5-1/2	117727	24.52
29/64	0.4531	4-3/16	5-5/8	117728	25.54
15/32	0.4688	4-5/16	5-3/4	117729	27.46
31/64	0.4844	4-3/8	5-7/8	117730	28.86
1/2	0.5000	4-1/2	6	117731	29.54

Letter Sizes

Size	Decimal Equivalent	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
A	0.2340	2-5/8	3-7/8	117732	9.54
B	0.2380	2-3/4	4	117733	9.54
C	0.2420	2-3/4	4	117734	9.54
D	0.2460	2-3/4	4	117735	9.54
E	0.2500	2-3/4	4	117736	7.72
F	0.2570	2-7/8	4-1/8	117737	9.78
G	0.2610	2-7/8	4-1/8	117738	11.18
H	0.2660	2-7/8	4-1/8	117739	11.18
I	0.2720	2-7/8	4-1/8	117740	11.18
J	0.2770	2-7/8	4-1/8	117741	11.95
K	0.2810	2-15/16	4-1/4	117742	13.40
L	0.2900	2-15/16	4-1/4	117743	13.40
M	0.2950	3-1/16	4-3/8	117744	14.50
N	0.3020	3-1/16	4-3/8	117745	14.50
O	0.3160	3-3/16	4-1/2	117746	14.50
P	0.3230	3-5/16	4-5/8	117747	15.90
Q	0.3320	3-7/16	4-3/4	117748	16.48
R	0.3390	3-7/16	4-3/4	117749	16.82
S	0.3480	3-1/2	4-7/8	117750	18.36
T	0.3580	3-1/2	4-7/8	117751	19.67
U	0.3680	3-5/8	5	117752	19.67
V	0.3770	3-5/8	5	117753	20.58
W	0.3860	3-3/4	5-1/8	117754	20.58
X	0.3970	3-3/4	5-1/8	117755	23.27
Y	0.4040	3-7/8	5-1/4	117756	25.01
Z	0.4130	3-7/8	5-1/4	117757	26.74

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	8.23
2	0.2210	2-5/8	3-7/8	117759	8.23
3	0.2130	2-1/2	3-3/4	117760	7.72
4	0.2090	2-1/2	3-3/4	117761	7.72
5	0.2055	2-1/2	3-3/4	117762	7.72
6	0.2040	2-1/2	3-3/4	117763	7.72
7	0.2010	2-7/16	3-5/8	117764	6.36
8	0.1990	2-7/16	3-5/8	117765	6.36
9	0.1960	2-7/16	3-5/8	117766	6.36
10	0.1935	2-7/16	3-5/8	117767	6.36
11	0.1910	2-5/16	3-1/2	117768	6.36
12	0.1890	2-5/16	3-1/2	117769	6.36
13	0.1850	2-5/16	3-1/2	117770	5.97
14	0.1820	2-3/16	3-3/8	117771	5.97
15	0.1800	2-3/16	3-3/8	117772	5.97
16	0.1770	2-3/16	3-3/8	117773	5.97
17	0.1730	2-3/16	3-3/8	117774	5.97
18	0.1695	2-1/8	3-1/4	117775	5.11
19	0.1660	2-1/8	3-1/4	117776	5.11
20	0.1610	2-1/8	3-1/4	117777	5.11
21	0.1590	2-1/8	3-1/4	117778	4.73
22	0.1570	2	3-1/8	117779	4.73
23	0.1540	2	3-1/8	117780	4.39
24	0.1520	2	3-1/8	117781	4.39
25	0.1495	1-7/8	3	117782	4.39
26	0.1470	1-7/8	3	117783	4.39
27	0.1440	1-7/8	3	117784	4.39
28	0.1405	1-3/4	2-7/8	117785	4.10
29	0.1360	1-3/4	2-7/8	117786	4.10
30	0.1285	1-5/8	2-3/4	117787	4.10
31	0.1200	1-5/8	2-3/4	117788	4.10
32	0.1160	1-5/8	2-3/4	117789	4.10
33	0.1130	1-1/2	2-5/8	117790	4.10
34	0.1110	1-1/2	2-5/8	117791	4.10
35	0.1100	1-1/2	2-5/8	117792	4.10
36	0.1065	1-7/16	2-1/2	117793	4.10
37	0.1040	1-7/16	2-1/2	117794	4.10
38	0.1015	1-7/16	2-1/2	117795	4.10
39	0.0995	1-3/8	2-3/8	117796	4.10
40	0.0980	1-3/8	2-3/8	117797	3.96
41	0.0960	1-3/8	2-3/8	117798	3.76
42	0.0935	1-1/4	2-1/4	117799	3.76
43	0.0890	1-1/4	2-1/4	117800	3.76
44	0.0860	1-1/8	2-1/8	117801	3.96
45	0.0820	1-1/8	2-1/8	117802	3.96
46	0.0810	1-1/8	2-1/8	117803	3.96
47	0.0785	1	2	117804	3.96
48	0.0760	1	2	117805	3.96
49	0.0730	1	2	117806	3.96
50	0.0700	1	2	117807	3.96
51	0.0670	1	2	117808	3.96
52	0.0635	7/8	1-7/8	117809	3.96
53	0.0595	7/8	1-7/8	117810	3.76
54	0.0550	7/8	1-7/8	117811	3.76
55	0.0520	7/8	1-7/8	117812	3.76
56	0.0465	3/4	1-3/4	117813	3.76
57	0.0430	3/4	1-3/4	117814	3.76
58	0.0420	11/16	1-5/8	117815	3.76
59	0.0410	11/16	1-5/8	117816	3.76
60	0.0400	11/16	1-5/8	117817	3.76
61	0.0390	11/16	1-5/8	117818	4.78
62	0.0380	5/8	1-1/2	117819	4.78
63	0.0370	5/8	1-1/2	117820	4.78
64	0.0360	5/8	1-1/2	117821	4.78
65	0.0350	5/8	1-1/2	117822	4.78
66	0.0330	1/2	1-3/8	117823	4.78
67	0.0320	1/2	1-3/8	117824	4.78
68	0.0310	1/2	1-3/8	117825	4.78
69	0.0292	1/2	1-3/8	117826	4.78
70	0.0280	3/8	1-1/4	117827	4.78
71	0.0260	3/8	1-1/4	117828	5.88
72	0.0250	5/16	1-1/8	117829	5.54
73	0.0240	5/16	1-1/8	117830	5.54
74	0.0225	1/4	1	117831	5.54
75	0.0210	1/4	1	117832	6.02
76	0.0200	3/16	7/8	117833	6.02
77	0.0180	3/16	7/8	117834	6.55
78	0.0160	3/16	7/8	117835	6.55
79	0.0145	1/8	3/4	117836	7.33
80	0.0135	1/8	3/4	117837	7.33