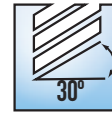




These drills are designed primarily for drilling in nonferrous materials such as Aluminum, Zinc die cast, and some plastics. They are successfully used in mild steel deep holes where chip packing occurs with standard helix drills.

- Bright finish
- 118° point
- High speed steel

FAST SPIRAL DRILLS						FAST SPIRAL DRILLS					
Size	Dec. Equiv.	Flute Length	Overall Length	Code No.	Price \$	Size	Dec. Equiv.	Flute Length	Overall Length	Code No.	Price \$
FRACTIONAL SIZES						WIRE GAUGE SIZES					
1/64	0.0156	3/16	3/4	117-700	3.70	12	0.1890	2-5/16	3-1/2	117-769	3.50
1/32	0.0312	1/2	1-3/8	117-701	2.70	13	0.1850	2-5/16	3-1/2	117-770	3.30
3/64	0.0469	3/4	1-3/4	117-702	2.30	14	0.1820	2-3/16	3-3/8	117-771	3.30
1/16	0.0625	7/8	1-7/8	117-703	2.10	15	0.1800	2-3/16	3-3/8	117-772	3.20
5/64	0.0781	1	2	117-704	2.30	16	0.1770	2-3/16	3-3/8	117-773	3.20
3/32	0.0938	1-1/4	2-1/4	117-705	2.30	17	0.1730	2-3/16	3-3/8	117-774	3.30
7/64	0.1094	1-1/2	2-5/8	117-706	2.10	18	0.1695	2-1/8	3-1/4	117-775	2.80
1/8	0.1250	1-5/8	2-3/4	117-707	2.10	19	0.1660	2-1/8	3-1/4	117-776	2.80
9/64	0.1406	1-3/4	2-7/8	117-708	2.10	20	0.1610	2-1/8	3-1/4	117-777	2.80
5/32	0.1562	2	3-1/8	117-709	2.40	21	0.1590	2-1/8	3-1/4	117-778	2.60
11/64	0.1719	2-1/8	3-1/4	117-710	2.90	22	0.1570	2	3-1/8	117-779	2.60
3/16	0.1875	2-5/16	3-1/2	117-711	3.10	23	0.1540	2	3-1/8	117-780	2.50
13/64	0.2031	2-7/16	3-5/8	117-712	3.60	24	0.1520	2	3-1/8	117-781	2.40
7/32	0.2188	2-1/2	3-3/4	117-713	3.90	25	0.1495	1-7/8	3	117-782	2.40
15/64	0.2344	2-5/8	3-7/8	117-714	4.50	26	0.1470	1-7/8	3	117-783	2.40
1/4	0.2500	2-3/4	4	117-715	4.20	27	0.1440	1-7/8	3	117-784	2.40
17/64	0.2656	2-7/8	4-1/8	117-716	5.60	28	0.1405	1-3/4	2-7/8	117-785	2.30
9/32	0.2812	2-15/16	4-1/4	117-717	5.60	29	0.1360	1-3/4	2-7/8	117-786	2.10
19/64	0.2969	3-1/16	4-3/8	117-718	6.50	30	0.1285	1-5/8	2-3/4	117-787	2.10
5/16	0.3125	3-3/16	4-1/2	117-719	6.70	31	0.1200	1-5/8	2-3/4	117-788	2.30
21/64	0.3281	3-5/16	4-5/8	117-720	7.70	32	0.1160	1-5/8	2-3/4	117-789	2.30
11/32	0.3438	3-7/16	4-3/4	117-721	8.20	33	0.1130	1-1/2	2-5/8	117-790	2.30
23/64	0.3594	3-1/2	4-7/8	117-722	10.20	34	0.1110	1-1/2	2-5/8	117-791	2.30
3/8	0.3750	3-5/8	5	117-723	9.90	35	0.1100	1-1/2	2-5/8	117-792	2.30
25/64	0.3906	3-3/4	5-1/8	117-724	11.80	36	0.1065	1-7/16	2-1/2	117-793	2.30
13/32	0.4062	3-7/8	5-1/4	117-725	11.50	37	0.1040	1-7/16	2-1/2	117-794	2.30
27/64	0.4219	3-15/16	5-3/8	117-726	13.80	38	0.1015	1-7/16	2-1/2	117-795	2.30
7/16	0.4375	4-1/16	5-1/2	117-727	13.50	39	0.0995	1-3/8	2-3/8	117-796	2.30
29/64	0.4531	4-3/16	5-5/8	117-728	16.80	40	0.0980	1-3/8	2-3/8	117-797	2.00
15/32	0.4688	4-5/16	5-3/4	117-729	17.40	41	0.0960	1-3/8	2-3/8	117-798	2.30
31/64	0.4844	4-3/8	5-7/8	117-730	16.60	42	0.0935	1-1/4	2-1/4	117-799	2.30
1/2	0.5000	4-1/2	6	117-731	16.10	43	0.0890	1-1/4	2-1/4	117-800	2.10
LETTER SIZES						44	0.0860	1-1/8	2-1/8	117-801	2.30
A	0.2340	2-5/8	3-7/8	117-732	5.00	45	0.0820	1-1/8	2-1/8	117-802	2.30
B	0.2380	2-3/4	4	117-733	4.90	46	0.0810	1-1/8	2-1/8	117-803	2.30
C	0.2420	2-3/4	4	117-734	4.50	47	0.0785	1	2	117-804	2.30
D	0.2460	2-3/4	4	117-735	4.50	48	0.0760	1	2	117-805	2.30
E	0.2500	2-3/4	4	117-736	4.20	49	0.0730	1	2	117-806	2.30
F	0.2570	2-7/8	4-1/8	117-737	5.20	50	0.0700	1	2	117-807	2.30
G	0.2610	2-7/8	4-1/8	117-738	5.50	51	0.0670	1	2	117-808	2.30
H	0.2660	2-7/8	4-1/8	117-739	6.10	52	0.0635	7/8	1-7/8	117-809	2.30
I	0.2720	2-7/8	4-1/8	117-740	5.40	53	0.0595	7/8	1-7/8	117-810	2.30
J	0.2770	2-7/8	4-1/8	117-741	6.10	54	0.0550	7/8	1-7/8	117-811	2.30
K	0.2810	2-15/16	4-1/4	117-742	7.70	55	0.0520	7/8	1-7/8	117-812	2.10
L	0.2900	2-15/16	4-1/4	117-743	6.70	56	0.0465	3/4	1-3/4	117-813	2.30
M	0.2950	3-1/16	4-3/8	117-744	7.20	57	0.0430	3/4	1-3/4	117-814	2.30
N	0.3020	3-1/16	4-3/8	117-745	6.60	58	0.0420	11/16	1-5/8	117-815	2.30
O	0.3160	3-3/16	4-1/2	117-746	7.10	59	0.0410	11/16	1-5/8	117-816	2.30
P	0.3230	3-5/16	4-5/8	117-747	7.40	60	0.0400	11/16	1-5/8	117-817	2.30
Q	0.3320	3-7/16	4-3/4	117-748	7.40	61	0.0390	11/16	1-5/8	117-818	2.70
R	0.3390	3-7/16	4-3/4	117-749	7.70	62	0.0380	5/8	1-1/2	117-819	2.70
S	0.3480	3-1/2	4-7/8	117-750	8.30	63	0.0370	5/8	1-1/2	117-820	2.70
T	0.3580	3-1/2	4-7/8	117-751	9.80	64	0.0360	5/8	1-1/2	117-821	2.70
U	0.3680	3-5/8	5	117-752	9.80	65	0.0350	5/8	1-1/2	117-822	2.50
V	0.3770	3-5/8	5	117-753	10.30	66	0.0330	1/2	1-3/8	117-823	2.70
W	0.3860	3-3/4	5-1/8	117-754	10.50	67	0.0320	1/2	1-3/8	117-824	2.50
X	0.3970	3-3/4	5-1/8	117-755	12.00	68	0.0310	1/2	1-3/8	117-825	2.50
Y	0.4040	3-7/8	5-1/4	117-756	13.90	69	0.0292	1/2	1-3/8	117-826	2.80
Z	0.4130	3-7/8	5-1/4	117-757	14.50	70	0.0280	3/8	1-1/4	117-827	2.80
WIRE GAUGE SIZES						71	0.0260	3/8	1-1/4	117-828	3.60
1	0.2280	2-5/8	3-7/8	117-758	4.40	72	0.0250	5/16	1-1/8	117-829	3.40
2	0.2210	2-5/8	3-7/8	117-759	4.50	73	0.0240	5/16	1-1/8	117-830	3.40
3	0.2130	2-1/2	3-3/4	117-760	4.20	74	0.0225	1/4	1	117-831	3.40
4	0.2090	2-1/2	3-3/4	117-761	4.20	75	0.0210	1/4	1	117-832	3.40
5	0.2055	2-1/2	3-3/4	117-762	4.20	76	0.0200	3/16	7/8	117-833	3.40
6	0.2040	2-1/2	3-3/4	117-763	4.20	77	0.0180	3/16	7/8	117-834	3.40
7	0.2010	2-7/16	3-5/8	117-764	3.40	78	0.0160	3/16	7/8	117-835	3.40
8	0.1990	2-7/16	3-5/8	117-765	3.50	79	0.0145	1/8	3/4	117-836	4.00
9	0.1960	2-7/16	3-5/8	117-766	3.50	80	0.0135	1/8	3/4	117-837	3.60
10	0.1935	2-7/16	3-5/8	117-767	3.50						
11	0.1910	2-5/16	3-1/2	117-768	3.30						



These Premium HSS drills can be used in a variety of applications. Their surface treatment increases abrasion resistance, which reduces the amount of chip welding and improves chip flow.

PREMIUM HSS STUB DRILLS											
Size	Dec. Equiv.	Flute Length	Overall Length	Code No	Price \$	Size	Dec. Equiv.	Flute Length	Overall Length	Code No	Price \$
N	.3020	1-5/8	2-13/16	128-423	3.80	V	.3770	1-7/8	3-1/4	128-431	5.70
5/16	.3125	1-5/8	2-13/16	128-326	3.70	W	.3860	1-7/8	3-1/4	128-432	5.90
O	.3160	1-11/16	2-15/16	128-424	4.20	25/64	.3906	1-7/8	3-1/4	128-331	5.40
P	.3230	1-11/16	2-15/16	128-425	4.40	X	.3970	1-15/16	3-5/16	128-434	6.20
21/64	.3281	1-11/16	2-15/16	128-327	4.10	Y	.4040	1-15/16	3-5/16	128-435	6.30
Q	.3320	1-11/16	2-15/16	128-426	4.60	13/32	.4062	1-15/16	3-5/16	128-332	5.90
R	.3390	1-11/16	2-15/16	128-427	4.70	Z	.4130	2	3-3/8	128-436	6.70
11/32	.3438	1-11/16	2-15/16	128-328	4.20	27/64	.4219	2	3-3/8	128-333	6.10
S	.3480	1-3/4	3-1/16	128-428	4.90	7/16	.4375	2-1/16	3-7/16	128-334	6.50
T	.3580	1-3/4	3-1/16	128-429	5.00	29/64	.4531	2-1/8	3-9/16	128-335	7.30
23/64	.3594	1-3/4	3-1/16	128-329	4.70	15/32	.4688	2-1/8	3-5/8	128-336	7.90
U	.3680	1-13/16	3-1/8	128-430	5.30	31/64	.4844	2-3/16	3-11/16	128-337	8.20
3/8	.3750	1-13/16	3-1/8	128-330	4.80	1/2	.5000	2-1/4	3-3/4	128-338	8.40