

# JOBBER LENGTH DRILLS

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## JOBBER LENGTH DRILLS General Purpose-High Speed Steel

118° Conventional Point On HSS  
135° Self-Centering Split Point On Cobalt



**NEW  
ITEM!**



Fractional Sizes				Bright		Black Oxide		Cobalt HSS 135° Split Point	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price	Part Number	Price	Part Number	Price
1/64	.0156	3/4	12	PTD-010601	\$1.52	PTD-010001	\$1.52	PTD-010301	\$2.44
1/32	.0312	1-3/8	12	PTD-010602	\$0.92	PTD-010002	\$0.92	PTD-010302	\$1.94
3/64	.0469	1-3/4	12	PTD-010603	\$0.92	PTD-010003	\$0.92	PTD-010303	\$1.44
1/16	.0625	1-7/8	12	PTD-010604	\$0.88	PTD-010004	\$0.88	PTD-010304	\$1.31
5/64	.0781	2	12	PTD-010605	\$0.89	PTD-010005	\$0.89	PTD-010305	\$1.31
3/32	.0938	2-1/4	12	PTD-010606	\$0.89	PTD-010006	\$0.89	PTD-010306	\$1.31
7/64	.1094	2-5/8	12	PTD-010607	\$0.93	PTD-010007	\$0.93	PTD-010307	\$1.39
1/8	.1250	2-3/4	12	PTD-010608	\$0.91	PTD-010008	\$0.91	PTD-010308	\$1.68
9/64	.1406	2-7/8	12	PTD-010609	\$1.01	PTD-010009	\$1.01	PTD-010309	\$1.70
5/32	.1562	3-1/8	12	PTD-010610	\$1.02	PTD-010010	\$1.02	PTD-010310	\$1.91
11/64	.1719	3-1/4	12	PTD-010611	\$1.11	PTD-010011	\$1.11	PTD-010311	\$2.01
3/16	.1875	3-1/2	12	PTD-010612	\$1.24	PTD-010012	\$1.24	PTD-010312	\$2.25
13/64	.2031	3-5/8	12	PTD-010613	\$1.37	PTD-010013	\$1.37	PTD-010313	\$2.71
7/32	.2188	3-3/4	12	PTD-010614	\$1.52	PTD-010014	\$1.52	PTD-010314	\$2.97
15/64	.2344	3-7/8	12	PTD-010615	\$1.65	PTD-010015	\$1.65	PTD-010315	\$3.16
1/4	.2500	4	12	PTD-010616	\$1.73	PTD-010016	\$1.73	PTD-010316	\$3.34
17/64	.2656	4-1/8	12	PTD-010617	\$2.10	PTD-010017	\$2.11	PTD-010317	\$3.81
9/32	.2812	4-1/4	12	PTD-010618	\$2.17	PTD-010018	\$2.17	PTD-010318	\$4.00
19/64	.2969	4-3/8	12	PTD-010619	\$2.52	PTD-010019	\$2.52	PTD-010319	\$4.87
5/16	.3125	4-1/2	6	PTD-010620	\$2.78	PTD-010020	\$2.78	PTD-010320	\$5.19
21/64	.3281	4-5/8	6	PTD-010621	\$3.09	PTD-010021	\$3.09	PTD-010321	\$5.73
11/32	.3438	4-3/4	6	PTD-010622	\$3.44	PTD-010022	\$3.44	PTD-010322	\$6.28
23/64	.3594	4-7/8	6	PTD-010623	\$3.88	PTD-010023	\$3.88	PTD-010323	\$7.23
3/8	.3750	5	6	PTD-010624	\$3.93	PTD-010024	\$3.93	PTD-010324	\$7.17
25/64	.3906	5-1/8	6	PTD-010625	\$4.54	PTD-010025	\$4.54	PTD-010325	\$8.22
13/32	.4062	5-1/4	6	PTD-010626	\$4.66	PTD-010026	\$4.66	PTD-010326	\$8.58
27/64	.4219	5-3/8	6	PTD-010627	\$5.18	PTD-010027	\$5.18	PTD-010327	\$9.47
7/16	.4375	5-1/2	6	PTD-010628	\$5.38	PTD-010028	\$5.38	PTD-010328	\$9.69
29/64	.4531	5-5/8	6	PTD-010629	\$6.02	PTD-010029	\$6.02	PTD-010329	\$11.63
15/32	.4688	5-3/4	6	PTD-010630	\$6.40	PTD-010030	\$6.40	PTD-010330	\$11.85
31/64	.4844	5-7/8	6	PTD-010631	\$6.71	PTD-010031	\$6.71	PTD-010331	\$12.20
1/2	.5000	6	6	PTD-010632	\$6.70	PTD-010032	\$6.70	PTD-010332	\$12.08
33/64	.5156	6-5/8	1	PTD-010633	\$12.17	PTD-010033	\$12.17	PTD-010333	\$23.15
17/32	.5312	6-5/8	1	PTD-010634	\$12.54	PTD-010034	\$12.54	PTD-010334	\$24.30
35/64	.5469	6-5/8	1	PTD-010635	\$13.82	PTD-010035	\$13.82	PTD-010335	\$26.32
9/16	.5625	6-5/8	1	PTD-010636	\$14.20	PTD-010036	\$14.20	PTD-010336	\$27.56
37/64	.5781	6-5/8	1	PTD-010637	\$14.51	PTD-010037	\$14.51	PTD-010337	\$27.61
19/32	.5938	7-1/8	1	PTD-010638	\$14.90	PTD-010038	\$14.90	PTD-010338	\$28.35
39/64	.6094	7-1/8	1	PTD-010639	\$15.97	PTD-010039	\$15.97	PTD-010339	\$30.39
5/8	.6250	7-1/8	1	PTD-010640	\$15.67	PTD-010040	\$15.67	PTD-010340	\$30.39
41/64	.6406	7-1/8	1	PTD-010641	\$17.11	PTD-010041	\$17.11	PTD-010341	\$32.56
21/32	.6562	7-1/8	1	PTD-010642	\$17.94	PTD-010042	\$17.94	PTD-010342	\$34.14
43/64	.6719	7-5/8	1	PTD-010643	\$19.39	PTD-010043	\$19.39	PTD-010343	\$36.90
11/16	.6875	7-5/8	1	PTD-010644	\$19.39	PTD-010044	\$19.39	PTD-010344	\$36.90

Wire Sizes				Bright	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price
1	.2280	3/8	12	PTD-018601	\$1.84
2	.2210	3-7/8	12	PTD-018602	\$1.85
3	.2130	3-3/4	12	PTD-018603	\$1.67
4	.2090	3-3/4	12	PTD-018604	\$1.68
5	.2055	3-3/4	12	PTD-018605	\$1.68
6	.2040	3-3/4	12	PTD-018606	\$1.68
7	.2010	3-5/8	12	PTD-018607	\$1.46
8	.1990	3-5/8	12	PTD-018608	\$1.49
9	.1960	3-5/8	12	PTD-018609	\$1.49
10	.1935	3-5/8	12	PTD-018610	\$1.47
11	.1910	3-1/2	12	PTD-018611	\$1.37
12	.1890	3-1/2	12	PTD-018612	\$1.38
13	.1850	3-1/2	12	PTD-018613	\$1.35
14	.1820	3-3/8	12	PTD-018614	\$1.35
15	.1800	3-3/8	12	PTD-018615	\$1.35
16	.1770	3-3/8	12	PTD-018616	\$1.35
17	.1730	3-3/8	12	PTD-018617	\$1.35
18	.1695	3-1/4	12	PTD-018618	\$1.12
19	.1660	3-1/4	12	PTD-018619	\$1.11
20	.1610	3-1/4	12	PTD-018620	\$1.11
21	.1590	3-1/4	12	PTD-018621	\$1.02
22	.1570	3-1/8	12	PTD-018622	\$1.03
23	.1540	3-1/8	12	PTD-018623	\$1.03
24	.1520	3-1/8	12	PTD-018624	\$1.03
25	.1495	3	12	PTD-018625	\$0.98
26	.1470	3	12	PTD-018626	\$0.98
27	.1440	3	12	PTD-018627	\$0.98
28	.1405	2-7/8	12	PTD-018628	\$0.90
29	.1360	2-7/8	12	PTD-018629	\$0.90
30	.1285	2-3/4	12	PTD-018630	\$0.90
31	.1200	2-3/4	12	PTD-018631	\$0.89
32	.1160	2-3/4	12	PTD-018632	\$0.89
33	.1130	2-5/8	12	PTD-018633	\$0.89
34	.1110	2-5/8	12	PTD-018634	\$0.89
35	.1100	2-5/8	12	PTD-018635	\$0.89
36	.1065	2-1/2	12	PTD-018636	\$0.88
37	.1040	2-1/2	12	PTD-018637	\$0.89
38	.1015	2-1/2	12	PTD-018638	\$0.89
39	.0995	2-3/8	12	PTD-018639	\$0.89
40	.0980	2-3/8	12	PTD-018640	\$0.88
41	.0960	2-3/8	12	PTD-018641	\$0.89
42	.0935	2-1/4	12	PTD-018642	\$0.89
43	.0890	2-1/4	12	PTD-018643	\$0.88
44	.0860	2-1/8	12	PTD-018644	\$0.88
45	.0820	2-1/8	12	PTD-018645	\$0.89
46	.0810	2-1/8	12	PTD-018646	\$0.89
47	.0785	2	12	PTD-018647	\$0.89
48	.0760	2	12	PTD-018648	\$0.89
49	.0730	2	12	PTD-018649	\$0.89
50	.0700	2	12	PTD-018650	\$0.89
51	.0670	2	12	PTD-018651	\$0.89
52	.0635	1-7/8	12	PTD-018652	\$0.89
53	.0595	1-7/8	12	PTD-018653	\$0.89
54	.0550	1-7/8	12	PTD-018654	\$0.89
55	.0520	1-7/8	12	PTD-018655	\$0.89
56	.0465	1-3/4	12	PTD-018656	\$0.89
57	.0430	1-3/4	12	PTD-018657	\$0.89
58	.0420	1-5/8	12	PTD-018658	\$0.92
59	.0410	1-5/8	12	PTD-018659	\$0.92
60	.0400	1-5/8	12	PTD-018660	\$0.92

Letter Sizes				Bright	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price
A	.2340	3-7/8	12	PTD-015601	\$2.09
B	.2380	4	12	PTD-015602	\$2.09
C	.2420	4	12	PTD-015603	\$2.09
D	.2460	4	12	PTD-015604	\$2.09
E	.2500	4	12	PTD-015605	\$1.94
F	.2570	4-1/8	12	PTD-015606	\$2.24
G	.2610	4-1/8	12	PTD-015607	\$2.51
H	.2660	4-1/8	12	PTD-015608	\$2.51
I	.2720	4-1/8	12	PTD-015609	\$2.51
J	.2770	4-1/8	12	PTD-015610	\$2.69
K	.2810	4-1/4	12	PTD-015611	\$2.97
L	.2900	4-1/4	12	PTD-015612	\$2.97
M	.2950	4-3/8	12	PTD-015613	\$3.14

Letter Sizes (cont.)				Bright	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price
N	.3020	4-3/8	12	PTD-015614	\$3.14
O	.3160	4-1/2	6	PTD-015615	\$3.18
P	.3230	4-5/8	6	PTD-015616	\$3.59
Q	.3320	4-3/4	6	PTD-015617	\$3.59
R	.3390	4-3/4	6	PTD-015618	\$3.84
S	.3480	4-7/8	6	PTD-015619	\$4.06
T	.3580	4-7/8	6	PTD-015620	\$4.63
U	.3680	5	6	PTD-015621	\$4.63
V	.3770	5	6	PTD-015622	\$4.75
W	.3860	5-1/8	6	PTD-015623	\$4.90
X	.3970	5-1/8	6	PTD-015624	\$5.96
Y	.4040	5-1/4	6	PTD-015625	\$6.69
Z	.4130	5-1/4	6	PTD-015626	\$7.13

Call Us Today For All Of Your Machine Tool Needs!

# SCREW MACHINE DRILLS

C

**SCREW MACHINE DRILLS**  
**High Speed Steel**  
**135° Self-Centering Split Point**  
**Heavy Duty**



**NEW ITEM!**



Letter Sizes				Black Oxide	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price
A	.2340	2-7/16	12	PTD-042801	\$2.03
B	.2380	2-1/2	12	PTD-042802	\$2.03
C	.2420	2-1/2	12	PTD-042803	\$2.03
D	.2460	2-1/2	12	PTD-042804	\$2.03
E	.2500	2-1/2	12	PTD-042805	\$2.17
F	.2570	2-5/8	12	PTD-042806	\$2.25
G	.2610	2-5/8	12	PTD-042807	\$2.39
H	.2660	2-11/16	12	PTD-042808	\$2.39
I	.2720	2-11/16	12	PTD-042809	\$2.39
J	.2770	2-11/16	12	PTD-042810	\$2.56
K	.2810	2-11/16	12	PTD-042811	\$2.76
L	.2900	2-3/4	12	PTD-042812	\$2.76
M	.2950	2-3/4	12	PTD-042813	\$3.01
N	.3020	2-13/16	12	PTD-042814	\$3.01
O	.3160	2-15/16	6	PTD-042815	\$3.04
P	.3230	2-15/16	6	PTD-042816	\$3.40
Q	.3320	3	6	PTD-042817	\$3.40
R	.3390	3	6	PTD-042818	\$3.45
S	.3480	3-1/16	6	PTD-042819	\$3.91
T	.3580	3-1/16	6	PTD-042820	\$4.54
U	.3680	3-1/8	6	PTD-042821	\$4.54
V	.3770	3-1/4	6	PTD-042822	\$4.85
W	.3860	3-1/4	6	PTD-042823	\$5.10
X	.3970	3-5/16	6	PTD-042824	\$5.91
Y	.4040	3-5/16	6	PTD-042825	\$7.00
Z	.4130	3-3/8	6	PTD-042826	\$7.00

Fractional Sizes				Black Oxide		Cobalt HSS	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price	Part Number	Price
1/16	.0625	1-5/8	12	PTD-040804	\$0.98	PTD-040304	\$1.17
5/64	.0781	1-11/16	12	PTD-040805	\$1.00	PTD-040305	\$1.18
3/32	.0938	1-3/4	12	PTD-040806	\$0.97	PTD-040306	\$1.17
7/64	.1094	1-13/16	12	PTD-040807	\$1.00	PTD-040307	\$1.32
1/8	.1250	1-7/8	12	PTD-040808	\$0.95	PTD-040308	\$1.53
9/64	.1406	1-15/16	12	PTD-040809	\$1.01	PTD-040309	\$1.54
5/32	.1562	2-1/16	12	PTD-040810	\$1.10	PTD-040310	\$1.67
11/64	.1719	2-1/8	12	PTD-040811	\$1.16	PTD-040311	\$1.90
3/16	.1875	2-3/16	12	PTD-040812	\$1.26	PTD-040312	\$2.22
13/64	.2031	2-1/4	12	PTD-040813	\$1.33	PTD-040313	\$2.55
7/32	.2188	2-3/8	12	PTD-040814	\$1.59	PTD-040314	\$2.80
15/64	.2344	2-7/16	12	PTD-040815	\$1.63	PTD-040315	\$3.09
1/4	.2500	2-1/2	12	PTD-040816	\$1.79	PTD-040316	\$3.12
17/64	.2656	2-5/8	12	PTD-040817	\$2.07	PTD-040317	\$3.67
9/32	.2812	2-11/16	12	PTD-040818	\$2.21	PTD-040318	\$3.88
19/64	.2969	2-3/4	12	PTD-040819	\$2.45	PTD-040319	\$4.61
5/16	.3125	2-13/16	6	PTD-040820	\$2.61	PTD-040320	\$4.81
21/64	.3281	2-15/16	6	PTD-040821	\$2.91	PTD-040321	\$5.48
11/32	.3438	3	6	PTD-040822	\$3.25	PTD-040322	\$5.77
23/64	.3594	3-1/16	6	PTD-040823	\$3.76	PTD-040323	\$6.82
3/8	.3750	3-1/8	6	PTD-040824	\$3.94	PTD-040324	\$6.64
25/64	.3906	3-1/4	6	PTD-040825	\$4.46	PTD-040325	\$7.82
13/32	.4062	3-5/16	6	PTD-040826	\$4.58	PTD-040326	\$7.84
27/64	.4219	3-3/8	6	PTD-040827	\$5.09	PTD-040327	\$8.94
7/16	.4375	3-7/16	6	PTD-040828	\$5.10	PTD-040328	\$8.94
29/64	.4531	3-9/16	6	PTD-040829	\$6.13	PTD-040329	\$11.01
15/32	.4688	3-5/8	6	PTD-040830	\$6.55	PTD-040330	\$10.71
31/64	.4844	3-11/16	6	PTD-040831	\$6.69	PTD-040331	\$11.01
1/2	.5000	3-3/4	6	PTD-040832	\$6.57	PTD-040332	\$10.71

**PRECISION**

**COMPLETE LINE AVAILABLE!**

**CALL FOR MORE INFORMATION!**

Wire Sizes				Black Oxide	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price
1	.2280	2-7/16	12	PTD-041801	\$1.72
2	.2210	2-7/16	12	PTD-041802	\$1.72
3	.2130	2-3/8	12	PTD-041803	\$1.61
4	.2090	2-3/8	12	PTD-041804	\$1.61
5	.2055	2-3/8	12	PTD-041805	\$1.61
6	.2040	2-3/8	12	PTD-041806	\$1.61
7	.2010	2-1/4	12	PTD-041807	\$1.34
8	.1990	2-1/4	12	PTD-041808	\$1.34
9	.1960	2-1/4	12	PTD-041809	\$1.34
10	.1935	2-1/4	12	PTD-041810	\$1.34
11	.1910	2-1/4	12	PTD-041811	\$1.34
12	.1890	2-1/4	12	PTD-041812	\$1.34
13	.1850	2-3/16	12	PTD-041813	\$1.34
14	.1820	2-3/16	12	PTD-041814	\$1.34
15	.1800	2-3/16	12	PTD-041815	\$1.34
16	.1770	2-3/16	12	PTD-041816	\$1.34
17	.1730	2-3/16	12	PTD-041817	\$1.34
18	.1695	2-1/8	12	PTD-041818	\$1.13
19	.1660	2-1/8	12	PTD-041819	\$1.13
20	.1610	2-1/8	12	PTD-041820	\$1.13
21	.1590	2-1/8	12	PTD-041821	\$1.08
22	.1570	2-1/8	12	PTD-041822	\$1.08
23	.1540	2-1/16	12	PTD-041823	\$1.08
24	.1520	2-1/16	12	PTD-041824	\$1.08
25	.1495	2-1/16	12	PTD-041825	\$1.07
26	.1470	2-1/16	12	PTD-041826	\$1.07
27	.1440	2-1/16	12	PTD-041827	\$1.07
28	.1405	1-15/16	12	PTD-041828	\$0.96
29	.1360	1-15/16	12	PTD-041829	\$0.96
30	.1285	1-15/16	12	PTD-041830	\$0.96

Wire Sizes (cont.)				Black Oxide	
Dia.	Dec Equiv	OAL	Pkg Qty	Part Number	Price
31	.1200	1-7/8	12	PTD-041831	\$0.96
32	.1160	1-7/8	12	PTD-041832	\$0.96
33	.1130	1-7/8	12	PTD-041833	\$0.96
34	.1110	1-7/8	12	PTD-041834	\$0.96
35	.1100	1-7/8	12	PTD-041835	\$0.96
36	.1065	1-13/16	12	PTD-041836	\$0.96
37	.1040	1-13/16	12	PTD-041837	\$0.96
38	.1015	1-13/16	12	PTD-041838	\$0.96
39	.0995	1-13/16	12	PTD-041839	\$0.96
40	.0980	1-13/16	12	PTD-041840	\$0.96
41	.0960	1-13/16	12	PTD-041841	\$0.96
42	.0935	1-3/4	12	PTD-041842	\$0.96
43	.0890	1-3/4	12	PTD-041843	\$0.96
44	.0860	1-3/4	12	PTD-041844	\$0.96
45	.0820	1-3/4	12	PTD-041845	\$0.96
46	.0810	1-3/4	12	PTD-041846	\$0.96
47	.0785	1-11/16	12	PTD-041847	\$0.96
48	.0760	1-11/16	12	PTD-041848	\$0.96
49	.0730	1-11/16	12	PTD-041849	\$0.96
50	.0700	1-11/16	12	PTD-041850	\$0.96
51	.0670	1-11/16	12	PTD-041851	\$0.96
52	.0635	1-11/16	12	PTD-041852	\$0.96
53	.0595	1-5/8	12	PTD-041853	\$0.96
54	.0550	1-5/8	12	PTD-041854	\$0.96
55	.0520	1-5/8	12	PTD-041855	\$0.96
56	.0465	1-3/8	12	PTD-041856	\$0.96
57	.0430	1-3/8	12	PTD-041857	\$0.96
58	.0420	1-3/8	12	PTD-041858	\$0.96
59	.0410	1-3/8	12	PTD-041859	\$0.96
60	.0400	1-3/8	12	PTD-041860	\$0.96

**Call Us Or Visit Our Website For Our Complete Selection!**

# DRILLS- EXTRA LENGTH & DEEP HOLE

C

**EXTRA LENGTH DRILLS**  
**High Speed Steel**  
**135° Self-Centering Split Point**  
**6" Aircraft Extension**

Longer Drills Available! Up To 48"! Call For More Information



Fractional Sizes				Black Oxide	
Dia.	Dec Equiv	Flute Len	Pkg Qty	Part Number	Price
3/64	0.0469	3/4	12	PTD-058003	\$5.41
1/16	0.0625	7/8	12	PTD-058004	\$2.44
5/64	0.0781	1	12	PTD-058005	\$2.44
3/32	0.0938	1-1/4	12	PTD-058006	\$1.87
7/64	0.1094	1-1/2	12	PTD-058007	\$2.02
1/8	0.125	1-5/8	12	PTD-058008	\$1.98
9/64	0.1406	1-3/4	12	PTD-058009	\$2.37
5/32	0.1562	2	12	PTD-058010	\$2.37
11/64	0.1719	2-1/8	12	PTD-058011	\$2.59
3/16	0.1875	2-5/16	12	PTD-058012	\$2.59
13/64	0.2031	2-7/16	12	PTD-058013	\$3.16
7/32	0.2188	2-1/2	12	PTD-058014	\$3.16
15/64	0.2344	2-5/8	12	PTD-058015	\$3.52
1/4	0.25	2-3/4	12	PTD-058016	\$3.45
17/64	0.2656	2-7/8	6	PTD-058017	\$7.90
9/32	0.2812	2-15/16	6	PTD-058018	\$8.20
19/64	0.2969	3-1/16	6	PTD-058019	\$9.63
5/16	0.3125	3-3/16	6	PTD-058020	\$10.45
21/64	0.3281	3-5/16	6	PTD-058021	\$11.35
11/32	0.3438	3-7/16	6	PTD-058022	\$11.23
23/64	0.3594	3-1/2	6	PTD-058023	\$12.61
3/8	0.375	3-5/8	6	PTD-058024	\$12.84
25/64	0.3906	3-3/4	6	PTD-058025	\$14.33
13/32	0.4062	3-7/8	6	PTD-058026	\$13.82
27/64	0.4219	3-15/16	6	PTD-058027	\$15.38
7/16	0.4375	4-1/16	6	PTD-058028	\$15.56
29/64	0.4531	4-3/16	6	PTD-058029	\$17.05
15/32	0.4688	4-5/16	6	PTD-058030	\$17.68
31/64	0.4844	4-3/8	6	PTD-058031	\$18.34
1/2	0.5	4-1/2	6	PTD-058032	\$18.66

Wire Sizes				Black Oxide	
Dia.	Dec Equiv	Flute Len	Pkg Qty	Part Number	Price
1	.2280	2-5/8	12	PTD-058101	\$3.71
2	.2210	2-5/8	12	PTD-058102	\$3.71
3	.2130	2-1/2	12	PTD-058103	\$3.35
4	.2090	2-1/2	12	PTD-058104	\$3.38
5	.2055	2-1/2	12	PTD-058105	\$3.38
6	.2040	2-1/2	12	PTD-058106	\$3.35
7	.2010	2-7/16	12	PTD-058107	\$3.35
8	.1990	2-7/16	12	PTD-058108	\$3.32
9	.1960	2-7/16	12	PTD-058109	\$3.23
10	.1935	2-7/16	12	PTD-058110	\$3.01
11	.1910	2-5/16	12	PTD-058111	\$2.77
12	.1890	2-5/16	12	PTD-058112	\$2.79
13	.1850	2-5/16	12	PTD-058113	\$2.74
14	.1820	2-3/16	12	PTD-058114	\$2.77
15	.1800	2-3/16	12	PTD-058115	\$2.77
16	.1770	2-3/16	12	PTD-058116	\$2.74
17	.1730	2-3/16	12	PTD-058117	\$2.85
18	.1695	2-1/8	12	PTD-058118	\$2.80
19	.1660	2-1/8	12	PTD-058119	\$2.74
20	.1610	2-1/8	12	PTD-058120	\$2.49
21	.1590	2-1/8	12	PTD-058121	\$2.49
22	.1570	2	12	PTD-058122	\$2.59
23	.1540	2	12	PTD-058123	\$2.59
24	.1520	2	12	PTD-058124	\$2.55
25	.1495	1-7/8	12	PTD-058125	\$2.55
26	.1470	1-7/8	12	PTD-058126	\$2.55
27	.1440	1-7/8	12	PTD-058127	\$2.49
28	.1405	1-3/4	12	PTD-058128	\$2.59
29	.1360	1-3/4	12	PTD-058129	\$2.52
30	.1285	1-5/8	12	PTD-058130	\$2.03

Wire Sizes (cont.)				Black Oxide	
Dia.	Dec Equiv	Flute Len	Pkg Qty	Part Number	Price
31	.1200	1-5/8	12	PTD-058131	\$2.13
32	.1160	1-5/8	12	PTD-058132	\$2.13
33	.1130	1-1/2	12	PTD-058133	\$2.13
34	.1110	1-1/2	12	PTD-058134	\$2.13
35	.1100	1-1/2	12	PTD-058135	\$2.13
36	.1065	1-7/16	12	PTD-058136	\$2.09
37	.1040	1-7/16	12	PTD-058137	\$2.13
38	.1015	1-7/16	12	PTD-058138	\$2.13
39	.0995	1-3/8	12	PTD-058139	\$2.13
40	.0980	1-3/8	12	PTD-058140	\$1.84
41	.0960	1-3/8	12	PTD-058141	\$1.94
42	.0935	1-1/4	12	PTD-058142	\$1.94
43	.0890	1-1/4	12	PTD-058143	\$2.47
44	.0860	1-1/8	12	PTD-058144	\$2.52
45	.0820	1-1/8	12	PTD-058145	\$2.52
46	.0810	1-1/8	12	PTD-058146	\$2.42
47	.0785	1	12	PTD-058147	\$2.45
48	.0760	1	12	PTD-058148	\$2.52
49	.0730	1	12	PTD-058149	\$2.52
50	.0700	1	12	PTD-058150	\$2.42
51	.0670	1	12	PTD-058151	\$2.52
52	.0635	7/8	12	PTD-058152	\$2.47
53	.0595	7/8	12	PTD-058153	\$4.95
54	.0550	7/8	12	PTD-058154	\$4.95
55	.0520	7/8	12	PTD-058155	\$4.95
56	.0465	3/4	12	PTD-058156	\$4.95
57	.0430	3/4	12	PTD-058157	\$5.99
58	.0420	11/16	12	PTD-058158	\$6.10
59	.0410	11/16	12	PTD-058159	\$6.10
60	.0400	11/16	12	PTD-058160	\$5.99

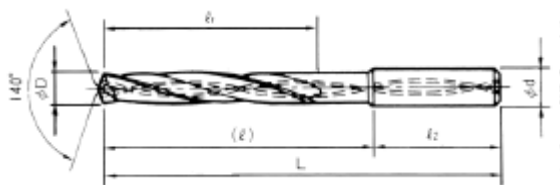
## DEEP HOLE DRILLS

Solid Carbide, Coated Drills With Spiral Oil Holes



### FEATURES:

- Spiral oil hole permits higher speed drilling
- Effectively evacuates chips even in deep holes
- Regrinding drill will not alter oil hole position
- Wide flutes allow for effective chip removal and no chip packing



## RECOMMENDED CUTTING CONDITIONS

Material	Hardness Bhn	0.1250" - 0.3125"		0.3125" - 0.6250"	
		Speed (SFM)	Feed (ipr)	Speed (SFM)	Feed (ipr)
CARBON STEEL	-250	250-500	0.006-0.012	300-500	0.006-0.014
CARBON STEEL	250-	225-360	0.005-0.009	225-360	0.005-0.010
ALLOY STEEL	-250	250-400	0.006-0.010	250-400	0.006-0.012
ALLOY STEEL	250-	225-360	0.005-0.008	225-360	0.005-0.010
DIE STEEL	-280	125-200	0.004-0.008	150-230	0.004-0.008
STAINLESS STEEL	-200	125-230	0.004-0.008	150-265	0.005-0.010
DUCTILE CAST IRON	-200	200-330	0.008-0.014	200-330	0.009-0.016
HARDENED STEELS	40-45 Rc	75-150	0.001-0.003	75-150	0.002-0.005

### COOLANT:

For maximum results, coolant must be supplied through the tool. For cutting fluid, dilute and emulsion type with 3-5 parts water. 150 PSI or greater is recommended.

### DSC-S (L/D up to 3)

D	d	I1	I2	L	Part Number	Price Each
0.203	0.236	1.083	1.575	2.953	TO-DSCU203S	\$69.26
0.218	0.236	1.181	1.575	2.953	TO-DSCU218S	\$73.84
0.234	0.236	1.181	1.575	2.953	TO-DSCU234S	\$73.84
0.250	0.276	1.280	1.575	3.150	TO-DSCU250S	\$78.84
0.265	0.276	1.378	1.575	3.150	TO-DSCU265S	\$83.30
0.281	0.315	1.476	1.654	3.346	TO-DSCU281S	\$88.30
0.296	0.315	1.575	1.654	3.543	TO-DSCU296S	\$92.88
0.312	0.315	1.575	1.654	3.543	TO-DSCU312S	\$92.88
0.328	0.354	1.673	1.693	3.740	TO-DSCU328S	\$97.24
0.343	0.354	1.772	1.693	3.740	TO-DSCU343S	\$102.24
0.359	0.394	1.870	1.732	3.937	TO-DSCU359S	\$106.82
0.375	0.394	1.969	1.732	4.173	TO-DSCU375S	\$111.80
0.390	0.394	1.969	1.732	4.173	TO-DSCU390S	\$111.80
0.406	0.433	2.067	1.811	4.173	TO-DSCU406S	\$139.58
0.421	0.433	2.165	1.811	4.409	TO-DSCU421S	\$144.88
0.437	0.472	2.264	1.850	4.646	TO-DSCU437S	\$151.02
0.453	0.472	2.362	1.890	4.646	TO-DSCU453S	\$151.02
0.468	0.472	2.362	1.890	4.646	TO-DSCU468S	\$154.34
0.484	0.512	2.461	1.890	4.921	TO-DSCU484S	\$172.54
0.500	0.512	2.559	1.969	4.921	TO-DSCU500S	\$178.26
0.515	0.551	2.657	1.969	5.197	TO-DSCU515S	\$183.98
0.531	0.551	2.657	1.969	5.197	TO-DSCU531S	\$183.98
0.546	0.591	2.756	2.047	5.197	TO-DSCU546S	\$190.32
0.562	0.591	2.854	2.047	5.512	TO-DSCU562S	\$222.98
0.578	0.591	2.953	2.126	5.512	TO-DSCU578S	\$230.16
0.593	0.630	3.051	2.126	5.906	TO-DSCU593S	\$236.82
0.609	0.630	3.051	2.126	5.906	TO-DSCU609S	\$236.82
0.625	0.630	3.150	2.205	5.906	TO-DSCU625S	\$243.26

Additional Sizes Available. Please Call For More Information.

Call Us Today For All Of Your Machine Tool Needs!

# SCREW MACHINE LENGTH DRILLS

C

## SCREW MACHINE LENGTH TWIST DRILLS HIGH SPEED STEEL 118° Point-Right Hand-Standard Helix



**DORMER**

Qty Per Package	
A-Z	10/pkg
#1-#80	10/pkg
1/64"-25/64"	10/pkg
13/32"-1/2"	5/pkg
Over 1/2"	each

### FEATURES:

- High speed/general purpose drill.
- Short length of drill and flute provides rigidity and greater accuracy.
- Designed for screw machine operations when a jobber drill is too long.
- Designed for ease of penetration. Facilitates chip removal in hard materials
- May also be used in portable drilling equipment.

**Full Line Available!**  
Please call for more information.



### Fractional Sizes

### VIKING SHRN



### Wire Sizes

### VIKING SHRN



### Letter Sizes

### VIKING SHRN

Fractional Sizes					Wire Sizes					Letter Sizes				
Size	Dec. Dia.	OAL	Part Number	Price Each	Size	Dec. Dia.	OAL	Part Number	Price Each	Size	Dec. Dia.	OAL	Part Number	Price Each
3/64	.0469	1-3/8	SHRN-3/64	0.84	1	.2280	2-7/16	SHRN-1		A	.2340	2-7/16	SHRN-A	1.61
1/16	.0625	1-5/8	SHRN-1/16	0.81	2	.2210	2-7/16	SHRN-2		B	.2380	2-1/2	SHRN-B	1.61
5/64	.0781	1-11/16	SHRN-5/64	0.81	3	.2130	2-3/8	SHRN-3	1.34	C	.2420	2-1/2	SHRN-C	1.61
3/32	.0938	1-3/4	SHRN-3/32	0.81	4	.2090	2-3/8	SHRN-4	1.34	D	.2460	2-1/2	SHRN-D	1.61
7/64	.1094	1-13/16	SHRN-7/64	0.81	5	.2055	2-3/8	SHRN-5		E	.2500	2-1/2	SHRN-E	1.41
1/8	.1250	1-7/8	SHRN-1/8	0.81	6	.2040	2-3/8	SHRN-6	1.34	F	.2570	2-5/8	SHRN-F	1.78
9/64	.1406	1-15/16	SHRN-9/64	0.84	7	.2010	2-1/4	SHRN-7	1.10	G	.2610	2-5/8	SHRN-G	1.89
5/32	.1562	2-1/16	SHRN-5/32	0.90	8	.1990	2-1/4	SHRN-8	1.10	H	.2660	2-11/16	SHRN-H	1.89
11/64	.1719	2-1/8	SHRN-11/64	1.01	9	.1960	2-1/4	SHRN-9	1.10	I	.2720	2-11/16	SHRN-I	1.89
3/16	.1875	2-3/16	SHRN-3/16	1.06	10	.1935	2-1/4	SHRN-10	1.10	J	.2770	2-11/16	SHRN-J	2.02
13/64	.2031	2-1/4	SHRN-13/64	1.10	11	.1910	2-1/4	SHRN-11	1.08	K	.2810	2-11/16	SHRN-K	2.18
7/32	.2188	2-3/8	SHRN-7/32	1.32	12	.1890	2-1/4	SHRN-12	1.10	L	.2900	2-3/4	SHRN-L	2.18
15/64	.2344	2-7/16	SHRN-15/64	1.34	13	.1850	2-3/16	SHRN-13	1.10	M	.2950	2-3/4	SHRN-M	2.40
1/4	.2500	2-1/2	SHRN-1/4	1.41	14	.1820	2-3/16	SHRN-14	1.10	N	.3020	2-13/16	SHRN-N	2.40
17/64	.2656	2-5/8	SHRN-17/64	1.67	15	.1800	2-3/16	SHRN-15	1.10	O	.3160	2-15/16	SHRN-O	2.40
9/32	.2812	2-11/16	SHRN-9/32	1.83	16	.1770	2-3/16	SHRN-16	1.10	P	.3230	2-15/16	SHRN-P	2.64
19/64	.2969	2-3/4	SHRN-19/64	1.94	17	.1730	2-3/16	SHRN-17	1.10	Q	.3320	3	SHRN-Q	2.64
5/16	.3125	2-13/16	SHRN-5/16	2.09	18	.1695	2-1/8	SHRN-18	0.99	R	.3390	3	SHRN-R	2.64
21/64	.3281	2-15/16	SHRN-21/64	2.27	19	.1660	2-1/8	SHRN-19	0.99	S	.3480	3-1/16	SHRN-S	3.04
11/32	.3438	3	SHRN-11/32	2.57	20	.1610	2-1/8	SHRN-20	0.99	T	.3490	3-1/16	SHRN-T	3.54
23/64	.3594	3-1/16	SHRN-23/64	2.99	21	.1590	2-1/8	SHRN-21	0.90	U	.3680	3-1/8	SHRN-U	3.54
3/8	.3750	3-1/8	SHRN-3/8	3.15	22	.1570	2-1/8	SHRN-22	0.90	V	.3770	3-1/4	SHRN-V	3.81
25/64	.3906	3-1/4	SHRN-25/64	3.54	23	.1540	2-1/8	SHRN-23	0.90	W	.3860	3-1/4	SHRN-W	3.96
13/32	.4062	3-5/16	SHRN-13/32	3.74	24	.1520	2-1/16	SHRN-24	0.90	X	.3970	3-5/16	SHRN-X	4.64
27/64	.4219	3-3/8	SHRN-27/64	4.07	25	.1495	2-1/16	SHRN-25	0.90	Y	.4040	3-5/16	SHRN-Y	5.52
7/16	.4375	3-7/16	SHRN-7/16	4.16	26	.1470	2-1/16	SHRN-26	0.88	Z	.4130	3-3/8	SHRN-Z	5.52
29/64	.4531	3-9/16	SHRN-29/64	4.93	27	.1440	2-1/16	SHRN-27	0.88					
15/32	.4688	3-5/8	SHRN-15/32	5.24	28	.1405	1-15/16	SHRN-28	0.81					
31/64	.4844	3-11/16	SHRN-31/64	5.39	29	.1360	1-15/16	SHRN-29	0.81					
1/2	.5000	3-3/4	SHRN-1/2	5.39	30	.1285	1-15/16	SHRN-30	0.81					
33/64	.5156	3-7/8	SHRN-33/64	14.17	31	.1200	1-7/8	SHRN-31	0.79					
17/32	.5312	3-7/8	SHRN-17/32	14.81	32	.1160	1-7/8	SHRN-32	0.79					
35/64	.5469	4	SHRN-35/64	15.44	33	.1130	1-7/8	SHRN-33	0.79					
9/16	.5625	4	SHRN-9/16	15.44	34	.1110	1-7/8	SHRN-34	0.79					
37/64	.5781	4-1/8	SHRN-37/64	17.67	35	.1100	1-7/8	SHRN-35	0.79					
19/32	.5938	4-1/8	SHRN-19/32	17.67	36	.1065	1-13/16	SHRN-36	0.79					
39/64	.6094	4-1/4	SHRN-39/64	18.50	37	.1040	1-13/16	SHRN-37	0.79					
5/8	.6250	4-1/4	SHRN-5/8	17.84	38	.1015	1-13/16	SHRN-38	0.79					
41/64	.6406	4-1/2	SHRN-41/64	20.44	39	.0995	1-13/16	SHRN-39	0.79					
21/32	.6562	4-1/2	SHRN-21/32	19.61	40	.0980	1-13/16	SHRN-40	0.79					
43/64	.6719	4-1/2	SHRN-43/64	20.44	41	.0960	1-13/16	SHRN-41	0.79					
11/16	.6875	4-1/2	SHRN-11/16	19.61	42	.0935	1-3/4	SHRN-42	0.79					
45/64	.7031	4-1/2	SHRN-45/64	21.22	43	.0890	1-3/4	SHRN-43	0.79					
23/32	.7188	4-3/4	SHRN-23/32	21.22	44	.0860	1-3/4	SHRN-44	0.79					
47/64	.7344	4-3/4	SHRN-47/64	22.84	45	.0820	1-3/4	SHRN-45	0.79					
3/4	.7500	5	SHRN-3/4	22.44	46	.0810	1-3/4	SHRN-46	0.79					
49/64	.7656	5	SHRN-49/64	24.47	47	.0785	1-11/16	SHRN-47	0.79					
25/32	.7812	5-1/8	SHRN-25/32	24.47	48	.0760	1-11/16	SHRN-48	0.79					
51/64	.7969	5-1/8	SHRN-51/64	26.16	49	.0730	1-11/16	SHRN-49	0.79					
13/16	.8125	5-1/4	SHRN-13/16	25.75	50	.0700	1-11/16	SHRN-50	0.79					
53/64	.8281	5-1/4	SHRN-53/64	27.30	51	.0670	1-11/16	SHRN-51	0.79					
27/32	.8438	5-3/8	SHRN-27/32	27.30	52	.0635	1-11/16	SHRN-52	0.79					
55/64	.8594	5-3/8	SHRN-55/64	28.23	53	.0595	1-5/8	SHRN-53	0.79					
7/8	.8750	5-3/8	SHRN-7/8	28.03	54	.0550	1-5/8	SHRN-54	0.79					
57/64	.8906	5-5/8	SHRN-57/64	29.32	55	.0520	1-5/8	SHRN-55	0.79					
29/32	.9062	5-5/8	SHRN-29/32	29.32	56	.0465	1-3/8	SHRN-56	0.79					
59/64	.9219	5-3/4	SHRN-59/64	32.34	57	.0430	1-3/8	SHRN-57	0.79					
15/16	.9375	5-3/4	SHRN-15/16	32.34	58	.0420	1-3/8	SHRN-58	0.79					
61/64	.9531	5-7/8	SHRN-61/64	35.13	59	.0410	1-3/8	SHRN-59	0.79					
31/32	.9688	5-7/8	SHRN-31/32	35.13	60	.0400	1-3/8	SHRN-60	0.79					
63/64	.9844	6	SHRN-63/64	37.22										
1	1.0000	6	-	-										
			SHRN-1-DOR	39.21										

### DRILL INDEXES

Holds and organizes your letter size, jobber length fractional and wire gauge drills.



For Drill Sizes	Part Number	Price Each
A to Z drill index	HU-10500	\$9.91
1/16" to 1/2" x 64ths drill index	HU-10550	\$9.91
#1 to 60 wire gage drill index	HU-10600	\$8.50

**Additional Sizes Available.  
Please Call For More Information.**

**Call Us Or Visit Our Website For Our Complete Selection!**

# SCREW MACHINE LENGTH DRILLS

C

## SCREW MACHINE LENGTH TWIST DRILLS

HIGH SPEED STEEL AND COBALT  
135° Split Point-Right Hand-Straight Shank



### FEATURES:

- 135° split point, heavy drill. Designed for hard, tough metals, free machining stainless steel, titanium alloys and certain abrasives.
- Dormer series 208 has bronze finish and is made to aircraft specifications.
- Viking type SHBS has black finish, type SCGS are cobalt with a gold finish.
- For use with portable drills, turrets and automatic lathes when higher heat is generated during drilling.

### Drill Information

Type	Material	Surface Treatment
SHBS	HSS	Black
SCGS	Cobalt	Gold
DOR 208	HSCo	Bronze

### DORMER

Qty Per Package	
A-Z	10/pkg
#1-#80	10/pkg
1/64"-25/64"	10/pkg
13/32"-1/2"	5/pkg
Over 1/2"	each

**Full Line Available!**  
Please call for more information.

Fractional Sizes				VIKING SHBS		VIKING SCGS		DORMER	
Size	Dec. Dia.	Flute Length	OAL	Part Number	Price Each	Part Number	Price Each	Part Number	Price Each
1/16	.0625	5/8	1-5/8	SHBS-1/16	0.90	SCGS-1/16	1.10	SCGS-1/16-DOR	1.38
5/64	.0781	11/16	1-11/16	SHBS-5/64	0.90	SCGS-5/64	1.10	SCGS-5/64-DOR	1.31
3/32	.0938	3/4	1-3/4	SHBS-3/32	0.90	SCGS-3/32	1.06	SCGS-3/32-DOR	1.31
7/64	.1094	13/16	1-13/16	SHBS-7/64	0.90	SCGS-7/64	1.19	SCGS-7/64-DOR	1.48
1/8	.1250	7/8	1-7/8	SHBS-1/8	0.90	SCGS-1/8	1.36	SCGS-1/8-DOR	1.89
9/64	.1406	15/16	1-15/16	SHBS-9/64	0.97	SCGS-9/64	1.36	SCGS-9/64-DOR	1.74
5/32	.1562	1	2-1/16	SHBS-5/32	1.01	SCGS-5/32	1.65	SCGS-5/32-DOR	1.89
11/64	.1719	1-1/16	2-1/8	SHBS-11/64	1.12	SCGS-11/64	1.89	SCGS-11/64-DOR	2.12
3/16	.1875	1-1/8	2-3/16	SHBS-3/16	1.17	SCGS-3/16	2.00	SCGS-3/16-DOR	2.49
13/64	.2031	1-3/16	2-1/4	SHBS-13/64	1.23	SCGS-13/64	2.29	SCGS-13/64-DOR	2.86
7/32	.2188	1-1/4	2-3/8	SHBS-7/32	1.50	SCGS-7/32	2.68	SCGS-7/32-DOR	3.15
15/64	.2344	1-5/16	2-7/16	SHBS-15/64	1.50	SCGS-15/64	2.82	SCGS-15/64-DOR	3.36
1/4	.2500	1-1/2	2-1/2	SHBS-1/4	1.61	SCGS-1/4	2.97	SCGS-1/4-DOR	3.52
17/64	.2656	1-7/16	2-5/8	SHBS-17/64	1.85	SCGS-17/64	3.54	SCGS-17/64-DOR	4.02
9/32	.2812	1-1/2	2-11/16	SHBS-9/32	2.02	SCGS-9/32	3.61	SCGS-9/32-DOR	4.36
19/64	.2969	1-9/16	2-3/4	SHBS-19/64	2.16	SCGS-19/64	4.62	SCGS-19/64-DOR	5.06
5/16	.3125	1-5/8	2-13/16	SHBS-5/16	2.31	SCGS-5/16	4.51	SCGS-5/16-DOR	5.44
21/64	.3281	1-11/16	2-15/16	SHBS-21/64	2.53	SCGS-21/64	5.35	SCGS-21/64-DOR	6.00
11/32	.3438	1-11/16	3	SHBS-11/32	2.88	SCGS-11/32	5.43	SCGS-11/32-DOR	6.53
23/64	.3594	1-3/4	3-1/16	SHBS-23/64	3.32	SCGS-23/64	6.47	SCGS-23/64-DOR	7.61
3/8	.3750	1-13/16	3-1/8	SHBS-3/8	3.50	SCGS-3/8	6.69	SCGS-3/8-DOR	7.50
25/64	.3906	1-7/8	3-1/4	SHBS-25/64	3.92	SCGS-25/64	7.83	SCGS-25/64-DOR	8.57
13/32	.4062	1-15/16	3-5/16	SHBS-13/32	4.07	SCGS-13/32	8.07	SCGS-13/32-DOR	8.86
27/64	.4219	2	3-3/8	SHBS-27/64	4.47	SCGS-27/64	8.80	SCGS-27/64-DOR	9.80
7/16	.4375	2-1/16	3-7/16	SHBS-7/16	4.58	SCGS-7/16	8.93	SCGS-7/16-DOR	10.08
29/64	.4531	2-1/8	3-9/16	SHBS-29/64	5.37	SCGS-29/64	11.18	SCGS-29/64-DOR	12.09
15/32	.4688	2-1/8	3-5/8	SHBS-15/32	5.65	SCGS-15/32	11.53	SCGS-15/32-DOR	12.33
31/64	.4844	2-3/16	3-11/16	SHBS-31/64	5.85	SCGS-31/64	11.53	SCGS-31/64-DOR	13.37
1/2	.5000	2-1/4	3-3/4	SHBS-1/2	5.85	SCGS-1/2	11.44	SCGS-1/2-DOR	11.64

## WIRE GAGE SIZES

135° Split Point

Wire Sizes			VIKING SHBS		VIKING SCGS		DORMER	
Size	Dec. Dia.	OAL	Part Number	Price Each	Part Number	Price Each	Part Number	Price Each
1	.2280	2-7/16	SHBS-1	1.63	SCGS-1	2.84	SCGS-1-DOR	3.94
2	.2210	2-7/16	SHBS-2	1.63	SCGS-2	2.84	SCGS-2-DOR	3.94
3	.2130	2-3/8	SHBS-3	1.52	SCGS-3	2.62	SCGS-3-DOR	3.94
4	.2090	2-3/8	SHBS-4	1.52	SCGS-4	2.62	SCGS-4-DOR	3.52
5	.2055	2-3/8	SHBS-5	1.52	SCGS-5	2.62	SCGS-5-DOR	3.52
6	.2040	2-3/8	SHBS-6	1.52	SCGS-6	2.62	SCGS-6-DOR	3.52
7	.2010	2-1/4	SHBS-7	1.30	SCGS-7	2.16	SCGS-7-DOR	2.78
8	.1990	2-1/4	SHBS-8	1.30	SCGS-8	2.16	SCGS-8-DOR	2.76
9	.1960	2-1/4	SHBS-9	1.30	SCGS-9	2.16	SCGS-9-DOR	2.76
10	.1935	2-1/4	SHBS-10	1.30	SCGS-10	2.16	SCGS-10-DOR	2.76
11	.1910	2-1/4	SHBS-11	1.30	SCGS-11	2.13	SCGS-11-DOR	2.70
12	.1890	2-1/4	SHBS-12	1.30	SCGS-12	2.13	SCGS-12-DOR	2.70
13	.1850	2-3/16	SHBS-13	1.30	SCGS-13	2.13	SCGS-13-DOR	2.64
14	.1820	2-3/16	SHBS-14	1.30	SCGS-14	2.13	SCGS-14-DOR	2.64
15	.1800	2-3/16	SHBS-15	1.30	SCGS-15	2.13	SCGS-15-DOR	2.64
16	.1770	2-3/16	SHBS-16	1.30	SCGS-16	2.13	SCGS-16-DOR	2.61
17	.1730	2-3/16	SHBS-17	1.30	SCGS-17	2.05	SCGS-17-DOR	2.54
18	.1695	2-1/8	SHBS-18	1.10	SCGS-18	1.89	SCGS-18-DOR	2.16
19	.1660	2-1/8	SHBS-19	1.10	SCGS-19	1.89	SCGS-19-DOR	2.06
20	.1610	2-1/8	SHBS-20	1.10	SCGS-20	1.74	SCGS-20-DOR	2.06

Wire Sizes (cont.)			VIKING SHBS		VIKING SCGS		DORMER	
Size	Dec. Dia.	OAL	Part Number	Price Each	Part Number	Price Each	Part Number	Price Each
21	.1590	2-1/8	SHBS-21	1.06	SCGS-21	1.69	SCGS-21-DOR	2.06
22	.1570	2-1/8	SHBS-22	1.06	SCGS-22	1.69	SCGS-22-DOR	2.06
23	.1540	2-1/16	SHBS-23	1.06	SCGS-23	1.69	SCGS-23-DOR	2.06
24	.1520	2-1/16	SHBS-24	1.06	SCGS-24	1.69	SCGS-24-DOR	2.06
25	.1495	2-1/16	SHBS-25	1.01	SCGS-25	1.47	SCGS-25-DOR	1.93
26	.1470	2-1/16	SHBS-26	1.01	SCGS-26	1.47	SCGS-26-DOR	1.93
27	.1440	2-1/16	SHBS-27	1.01	SCGS-27	1.47	SCGS-27-DOR	1.93
28	.1405	1-15/16	SHBS-28	0.95	SCGS-28	1.36	SCGS-28-DOR	1.93
29	.1360	1-15/16	SHBS-29	0.95	SCGS-29	1.36	SCGS-29-DOR	1.78
30	.1285	1-15/16	SHBS-30	0.95	SCGS-30	1.36	SCGS-30-DOR	1.65
31	.1200	1-7/8	SHBS-31	0.90	SCGS-31	1.36	SCGS-31-DOR	1.65
32	.1160	1-7/8	SHBS-32	0.90	SCGS-32	1.36	SCGS-32-DOR	1.65
33	.1130	1-7/8	SHBS-33	0.90	SCGS-33	1.36	SCGS-33-DOR	1.58
34	.1110	1-7/8	SHBS-34	0.90	SCGS-34	1.36	SCGS-34-DOR	1.58
35	.1100	1-7/8	SHBS-35	0.90	SCGS-35	1.32	SCGS-35-DOR	1.58
36	.1065	1-13/16	SHBS-36	0.90	SCGS-36	1.32	SCGS-36-DOR	1.58
37	.1040	1-13/16	SHBS-37	0.90	SCGS-37	1.32	SCGS-37-DOR	1.58
38	.1015	1-13/16	SHBS-38	0.90	SCGS-38	1.32	SCGS-38-DOR	1.46
39	.0995	1-13/16	SHBS-39	0.90	SCGS-39	1.32	SCGS-39-DOR	1.46
40	.0980	1-13/16	SHBS-40	0.90	SCGS-40	1.32	SCGS-40-DOR	1.46

## DRILL SETS

Fast spiral, 135° split point for drilling Austenitic Stainless Steels.



Description	Part Number	Set Price
HSS Jobber Set 29 pcs 1/16-1/2 x 64ths	DOR-SET0179451	\$79.00
HSS 2-Tone Set 29 pcs 1/16-1/2 x 64ths	DOR-SET0308523	\$119.00

### DORMER

**Don't See What You Need?**  
If you are looking for a hard to find drill, call us! We also offer:

*Half Round Drills • TiN/TiAlN Coated Reamer/Drill Blanks • Deming Drills Extension Drills • Extra Length Drills Oil Hole Drills • Threaded Shank Drills Brad and Spur Point Drills*

**Call Us Today For All Of Your Machine Tool Needs!**

# JOBBER LENGTH DRILLS

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## JOBBER LENGTH TWIST DRILLS HIGH SPEED STEEL 118° Point-Right Hand-Standard Helix



### Drill Information

Type	Material	Surface Treatment
JHRN	HSS	Bright
DORMER	HSS	Blue

### FEATURES:

High speed/general purpose drill performs well in a variety of drilling applications. Recommended for non-ferrous metals, wood and plastics. Dormer drills have steam oxide finish and surface treatment, allowing production drilling on various materials such as cast iron and steel.

Type JHRN for use in drilling hard, tough metals, free machining stainless steel, high temp alloys, titanium and certain plastics. Sizes smaller than 1/16" and #52 have non-split points.

Fractional Sizes			VIKING JHRN		DORMER	
Size	Dec Dia.	OAL	Part Number	Price Each	Part Number	Price Each
1/64	.0156	3/4	JHRN-1/64	1.89	JHRN-1/64-DOR	-
1/32	.0312	1-3/8	JHRN-1/32	1.21	JHRN-1/32-DOR	0.96
3/64	.0469	1-3/4	JHRN-3/64	0.84	JHRN-3/64-DOR	0.96
1/16	.0625	1-7/8	JHRN-1/16	0.79	JHRN-1/16-DOR	0.83
5/64	.0781	2	JHRN-5/64	0.79	JHRN-5/64-DOR	0.83
3/32	.0938	2-1/4	JHRN-3/32	0.79	JHRN-3/32-DOR	0.83
7/64	.1094	2-5/8	JHRN-7/64	0.84	JHRN-7/64-DOR	0.88
1/8	.1250	2-3/4	JHRN-1/8	0.86	JHRN-1/8-DOR	0.88
9/64	.1406	2-7/8	JHRN-9/64	0.97	JHRN-9/64-DOR	0.96
5/32	.1562	3-1/2	JHRN-5/32	0.97	JHRN-5/32-DOR	0.99
11/64	.1719	3-1/4	JHRN-11/64	1.03	JHRN-11/64-DOR	1.04
3/16	.1875	3-1/2	JHRN-3/16	1.14	JHRN-3/16-DOR	1.17
13/64	.2031	3-5/8	JHRN-13/64	1.30	JHRN-13/64-DOR	1.31
7/32	.2188	3-3/4	JHRN-7/32	1.41	JHRN-7/32-DOR	1.45
15/64	.2344	3-7/8	JHRN-15/64	1.54	JHRN-15/64-DOR	1.57
1/4	.2500	4	JHRN-1/4	1.65	JHRN-1/4-DOR	1.67
17/64	.2656	4-1/8	JHRN-17/64	1.96	JHRN-17/64-DOR	2.00
9/32	.2812	4-1/4	JHRN-9/32	2.05	JHRN-9/32-DOR	2.07
19/64	.2969	4-3/8	JHRN-19/64	2.40	JHRN-19/64-DOR	2.41
5/16	.3125	4-1/2	JHRN-5/16	2.60	JHRN-5/16-DOR	2.67
21/64	.3281	4-5/8	JHRN-21/64	2.93	JHRN-21/64-DOR	2.96
11/32	.3438	4-3/4	JHRN-11/32	3.28	JHRN-11/32-DOR	3.28
23/64	.3594	4-7/8	JHRN-23/64	3.65	JHRN-23/64-DOR	3.70
3/8	.3750	5	JHRN-3/8	3.76	JHRN-3/8-DOR	3.83
25/64	.3906	5-1/8	JHRN-25/64	4.38	JHRN-25/64-DOR	4.35
13/32	.4062	5-1/4	JHRN-13/32	4.51	JHRN-13/32-DOR	4.45
27/64	.4219	5-3/8	JHRN-27/64	4.97	JHRN-27/64-DOR	4.96
7/16	.4375	5-1/2	JHRN-7/16	5.19	JHRN-7/16-DOR	5.13
29/64	.4531	5-5/8	JHRN-29/64	5.83	JHRN-29/64-DOR	5.76
15/32	.4688	5-3/4	JHRN-15/32	6.20	JHRN-15/32-DOR	6.13
31/64	.4844	5-7/8	JHRN-31/64	6.51	JHRN-31/64-DOR	6.42
1/2	.5000	6	JHRN-1/2	6.62	JHRN-1/2-DOR	6.53

Letter Sizes			VIKING JHRN		DORMER	
Size	Dec. Dia.	OAL	Part Number	Price Each	Part Number	Price Each
A	.2340	3-7/8	JHRN-A	1.80	JHRN-A-DOR	1.96
B	.2380	4	JHRN-B	1.80	JHRN-B-DOR	1.96
C	.2420	4	JHRN-C	1.80	JHRN-C-DOR	1.96
D	.2460	4	JHRN-D	1.80	JHRN-D-DOR	1.96
E	.2500	4	JHRN-E	1.65	JHRN-E-DOR	1.67
F	.2570	4-1/8	JHRN-F	1.96	JHRN-F-DOR	2.09
G	.2610	4-1/8	JHRN-G	2.18	JHRN-G-DOR	2.33
H	.2660	4-1/8	JHRN-H	2.18	JHRN-H-DOR	2.33
I	.2720	4-1/8	JHRN-I	2.18	JHRN-I-DOR	2.33
J	.2770	4-1/8	JHRN-J	2.35	JHRN-J-DOR	2.52
K	.2810	4-1/4	JHRN-K	2.60	JHRN-K-DOR	2.77
L	.2900	4-1/4	JHRN-L	2.60	JHRN-L-DOR	2.77
M	.2950	4-3/8	JHRN-M	2.73	JHRN-M-DOR	2.94
N	.3020	4-3/8	JHRN-N	2.77	JHRN-N-DOR	2.99
O	.3160	4-1/2	JHRN-O	2.77	JHRN-O-DOR	2.99
P	.3230	4-5/8	JHRN-P	3.19	JHRN-P-DOR	3.35
Q	.3320	4-3/4	JHRN-Q	3.19	JHRN-Q-DOR	3.35
R	.3390	4-3/4	JHRN-R	3.37	JHRN-R-DOR	3.60
S	.3480	4-7/8	JHRN-S	3.63	JHRN-S-DOR	3.81
T	.3580	4-7/8	JHRN-T	4.11	JHRN-T-DOR	4.35
U	.3680	5	JHRN-U	4.11	JHRN-U-DOR	4.35
V	.3770	5	JHRN-V	4.29	JHRN-V-DOR	4.47
W	.3860	5-1/8	JHRN-W	4.44	JHRN-W-DOR	4.60
X	.3970	5-1/8	JHRN-X	5.39	JHRN-X-DOR	5.58
Y	.4040	5-1/4	JHRN-Y	6.29	JHRN-Y-DOR	6.29
Z	.4130	5-1/4	JHRN-Z	6.42	JHRN-Z-DOR	6.68



Qty Per Package	
A-Z	10/pkg
#1-#80	10/pkg
1/64"-25/64"	10/pkg
13/32"-1/2"	5/pkg
Over 1/2"	each

## WIRE GAGE SIZES 118° Point

Wire Sizes			VIKING JHRN		DORMER		Wire Sizes (cont.)			VIKING JHRN		DORMER			
Size	Dec. Dia.	OAL	Flute Length	Part Number	Price Each	Part Number	Price Each	Size	Dec. Dia.	OAL	Flute Len	Part Number	Price Each	Part Number	Price Each
1	.2280	3-7/8	2-5/8	JHRN-1	1.69	JHRN-1-DOR	1.77	31	.1200	2-3/4	1-5/8	JHRN-31	0.81	JHRN-31-DOR	0.83
2	.2210	3-7/8	2-5/8	JHRN-2	1.69	JHRN-2-DOR	1.77	32	.1160	2-3/4	1-5/8	JHRN-32	0.81	JHRN-32-DOR	0.83
3	.2130	3-3/4	2-1/2	JHRN-3	1.54	JHRN-3-DOR	1.60	33	.1130	2-5/8	1-1/2	JHRN-33	0.81	JHRN-33-DOR	0.83
4	.2090	3-3/4	2-1/2	JHRN-4	1.54	JHRN-4-DOR	1.60	34	.1110	2-5/8	1-1/2	JHRN-34	0.81	JHRN-34-DOR	0.83
5	.2055	3-3/4	2-1/2	JHRN-5	1.54	JHRN-5-DOR	1.60	35	.1100	2-5/8	1-1/2	JHRN-35	0.81	JHRN-35-DOR	0.83
6	.2040	3-3/4	2-1/2	JHRN-6	1.54	JHRN-6-DOR	1.60	36	.1065	2-1/2	1-7/16	JHRN-36	0.81	JHRN-36-DOR	0.83
7	.2010	3-5/8	2-7/16	JHRN-7	1.36	JHRN-7-DOR	1.42	37	.1040	2-1/2	1-7/16	JHRN-37	0.81	JHRN-37-DOR	0.83
8	.1990	3-5/8	2-7/16	JHRN-8	1.36	JHRN-8-DOR	1.42	38	.1015	2-1/2	1-7/16	JHRN-38	0.81	JHRN-38-DOR	0.83
9	.1960	3-5/8	2-7/16	JHRN-9	1.36	JHRN-9-DOR	1.42	39	.0995	2-3/8	1-3/8	JHRN-39	0.81	JHRN-39-DOR	0.83
10	.1935	3-5/8	2-7/16	JHRN-10	1.36	JHRN-10-DOR	1.42	40	.0980	2-3/8	1-3/8	JHRN-40	0.81	JHRN-40-DOR	0.83
11	.1910	3-1/2	2-5/16	JHRN-11	1.30	JHRN-11-DOR	1.31	41	.0960	2-3/8	1-3/8	JHRN-41	0.81	JHRN-41-DOR	0.83
12	.1890	3-1/2	2-5/16	JHRN-12	1.30	JHRN-12-DOR	1.31	42	.0935	2-1/4	1-1/4	JHRN-42	0.81	JHRN-42-DOR	0.83
13	.1850	3-1/2	2-5/16	JHRN-13	1.25	JHRN-13-DOR	1.28	43	.0890	2-1/4	1-1/4	JHRN-43	0.81	JHRN-43-DOR	0.83
14	.1820	3-3/8	2-3/16	JHRN-14	1.25	JHRN-14-DOR	1.28	44	.0860	2-1/8	1-1/8	JHRN-44	0.81	JHRN-44-DOR	0.83
15	.1800	3-3/8	2-3/16	JHRN-15	1.25	JHRN-15-DOR	1.28	45	.0820	2-1/8	1-1/8	JHRN-45	0.81	JHRN-45-DOR	0.83
16	.1770	3-3/8	2-3/16	JHRN-16	1.25	JHRN-16-DOR	1.28	46	.0810	2-1/8	1-1/8	JHRN-46	0.81	JHRN-46-DOR	0.83
17	.1730	3-3/8	2-3/16	JHRN-17	1.25	JHRN-17-DOR	1.28	47	.0785	2	1	JHRN-47	0.81	JHRN-47-DOR	0.83
18	.1695	3-1/4	2-1/8	JHRN-18	1.03	JHRN-18-DOR	1.06	48	.0760	2	1	JHRN-48	0.81	JHRN-48-DOR	0.83
19	.1660	3-1/4	2-1/8	JHRN-19	1.03	JHRN-19-DOR	1.06	49	.0730	2	1	JHRN-49	0.81	JHRN-49-DOR	0.83
20	.1610	3-1/4	2-1/8	JHRN-20	1.03	JHRN-20-DOR	1.06	50	.0700	2	1	JHRN-50	0.81	JHRN-50-DOR	0.83
21	.1590	3-1/4	2-1/8	JHRN-21	0.97	JHRN-21-DOR	0.99	51	.0670	2	1	JHRN-51	0.81	JHRN-51-DOR	0.83
22	.1570	3-1/8	2	JHRN-22	0.97	JHRN-22-DOR	0.99	52	.0635	1-7/8	7/8	JHRN-52	0.81	JHRN-52-DOR	0.83
23	.1540	3-1/8	2	JHRN-23	0.97	JHRN-23-DOR	0.96	53	.0595	1-7/8	7/8	JHRN-53	0.81	JHRN-53-DOR	0.96
24	.1520	3-1/8	2	JHRN-24	0.97	JHRN-24-DOR	0.96	54	.0550	1-7/8	7/8	JHRN-54	0.81	JHRN-54-DOR	0.96
25	.1495	3	1-7/8	JHRN-25	0.92	JHRN-25-DOR	0.93	55	.0520	1-7/8	7/8	JHRN-55	0.81	JHRN-55-DOR	0.96
26	.1470	3	1-7/8	JHRN-26	0.92	JHRN-26-DOR	0.93	56	.0465	1-3/4	3/4	JHRN-56	0.81	JHRN-56-DOR	0.96
27	.1440	3	1-7/8	JHRN-27	0.92	JHRN-27-DOR	0.93	57	.0430	1-3/4	3/4	JHRN-57	0.81	JHRN-57-DOR	0.96
28	.1405	2-7/8	1-3/4	JHRN-28	0.84	JHRN-28-DOR	0.86	58	.0420	1-5/8	11/16	JHRN-58	0.81	JHRN-58-DOR	0.96
29	.1360	2-7/8	1-3/4	JHRN-29	0.84	JHRN-29-DOR	0.86	59	.0410	1-5/8	11/16	JHRN-59	0.81	JHRN-59-DOR	0.96
30	.1285	2-3/4	1-5/8	JHRN-30	0.84	JHRN-30-DOR	0.86	60	.0400	1-5/8	11/16	JHRN-60	0.81	JHRN-60-DOR	0.96



**Also Available!**  
Taper Shank Drills  
Extra Length (Up To 48") • Oil Hole Drills  
Solid Carbide • Brad & Spur Point Drills

## DRILL INDEXES

Holds and organizes your letter size, jobber length fractional and wire gauge drills.



For Drill Sizes	Part Number	Price Each
A to Z drill index	HU-10500	\$9.91
1/16" to 1/2" x 64ths drill index	HU-10550	\$9.91
#1 to 60 wire gage drill index	HU-10600	\$8.50

Call Us Or Visit Our Website For Our Complete Selection!

# JOBBER LENGTH DRILLS

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## JOBBER LENGTH TWIST DRILLS HIGH SPEED STEEL AND COBALT 135° Split Point-Right Hand-Straight Shank

- FEATURES:**
- Heavy duty general purpose drill for a variety of drilling applications.
  - Split point allows easy hole starting.
  - Dorman drills have surface treatment, affording excellent results in hard steels, titanium and other hard materials, and is suitable for power and portable drilling.
  - Type JCGS for use in drilling hard, tough metals, free machining stainless steel, high temp alloys, titanium and certain plastics. Sizes smaller than 1/16" and #52 have non-split points.

### Drill Information

Type	Material	Surface Treatment
JHBS	HSS	Black
JCGS	Cobalt	Gold
DORMER	HSS	Blue

### DORMER

Qty Per Package	
A-Z	10/pkg
#1-#80	10/pkg
1/64"-25/64"	10/pkg
13/32"-1/2"	5/pkg
Over 1/2"	each

Fractional Sizes				VIKING JHBS		DORMER		VIKING JCGS	
Size	Dec. Dia.	OAL	Flute Len	Part Number	Price Each	Part Number	Price Each	Part Number	Price Each
1/64	.0156	3/4	3/16	--	--	--	--	JCGS-3/64	1.34
1/32	.0312	1-3/8	1/2	--	--	--	--	--	--
3/64	.0469	1-3/4	3/4	--	--	--	--	JCGS-1/8	1.61
1/16	.0625	1-7/8	7/8	JHBS-1/16	0.92	JHBS-1/16-DOR	1.20	JCGS-1/16	1.21
5/64	.0781	2	1	JHBS-5/64	0.95	JHBS-5/64-DOR	1.20	JCGS-5/64	1.19
3/32	.0938	2-1/4	1-1/4	JHBS-3/32	0.95	JHBS-3/32-DOR	1.20	JCGS-3/32	1.19
7/64	.1094	2-5/8	1-1/2	JHBS-7/64	1.01	JHBS-7/64-DOR	1.07	JCGS-7/64	1.34
1/8	.1250	2-3/4	1-5/8	JHBS-1/8	1.03	JHBS-1/8-DOR	1.04	JCGS-1/8	1.61
9/64	.1406	2-7/8	1-3/4	JHBS-9/64	1.06	JHBS-9/64-DOR	1.12	JCGS-9/64	1.65
5/32	.1562	3-1/2	2	JHBS-5/32	1.10	JHBS-5/32-DOR	1.13	JCGS-5/32	1.83
11/64	.1719	3-1/4	2-1/8	JHBS-11/64	1.12	JHBS-11/64-DOR	1.20	JCGS-11/64	1.98
3/16	.1875	3-1/2	2-5/16	JHBS-3/16	1.34	JHBS-3/16-DOR	1.35	JCGS-3/16	2.20
13/64	.2031	3-5/8	2-7/16	JHBS-13/64	1.50	JHBS-13/64-DOR	1.51	JCGS-13/64	2.62
7/32	.2188	3-3/4	2-1/2	JHBS-7/32	1.61	JHBS-7/32-DOR	1.71	JCGS-7/32	2.86
15/64	.2344	3-7/8	2-5/8	JHBS-15/64	1.72	JHBS-15/64-DOR	1.89	JCGS-15/64	3.06
1/4	.2500	4	2-3/4	JHBS-1/4	1.85	JHBS-1/4-DOR	1.99	JCGS-1/4	3.28
17/64	.2656	4-1/8	2-7/8	JHBS-17/64	2.29	JHBS-17/64-DOR	2.35	JCGS-17/64	3.87
9/32	.2812	4-1/4	2-15/16	JHBS-9/32	2.35	JHBS-9/32-DOR	2.38	JCGS-9/32	10.30
19/64	.2969	4-3/8	3-1/16	JHBS-19/64	2.68	JHBS-19/64-DOR	2.93	JCGS-19/64	4.82
5/16	.3125	4-1/2	3-3/16	JHBS-5/16	2.86	JHBS-5/16-DOR	3.05	JCGS-5/16	5.19
21/64	.3281	4-5/8	3-5/16	JHBS-21/64	3.23	JHBS-21/64-DOR	3.45	JCGS-21/64	5.74
11/32	.3438	4-3/4	3-7/16	JHBS-11/32	3.65	JHBS-11/32-DOR	3.96	JCGS-11/32	6.29
23/64	.3594	4-7/8	3-1/2	JHBS-23/64	4.03	JHBS-23/64-DOR	4.52	JCGS-23/64	7.39
3/8	.3750	5	3-5/8	JHBS-3/8	4.20	JHBS-3/8-DOR	4.35	JCGS-3/8	7.55
25/64	.3906	5-1/8	3-3/4	JHBS-25/64	4.75	JHBS-25/64-DOR	5.18	JCGS-25/64	8.73
13/32	.4062	5-1/4	3-7/8	JHBS-13/32	4.91	JHBS-13/32-DOR	5.38	JCGS-13/32	9.13
27/64	.4219	5-3/8	3-15/16	JHBS-27/64	5.46	JHBS-27/64-DOR	6.06	JCGS-27/64	10.05
7/16	.4375	5-1/2	4-1/16	JHBS-7/16	5.63	JHBS-7/16-DOR	6.16	JCGS-7/16	10.30
29/64	.4531	5-5/8	4-3/16	JHBS-29/64	6.34	JHBS-29/64-DOR	7.03	JCGS-29/64	12.56
15/32	.4688	5-3/4	4-5/16	JHBS-15/32	6.71	JHBS-15/32-DOR	7.66	JCGS-15/32	12.76
31/64	.4844	5-7/8	4-3/8	JHBS-31/64	7.11	JHBS-31/64-DOR	7.69	JCGS-31/64	13.90
1/2	.5000	6	4-1/2	JHBS-1/2	7.24	JHBS-1/2-DOR	7.98	JCGS-1/2	13.16

**Also Available!**  
Taper Shank Drills  
Extra Length (Up To 48") • Oil Hole Drills  
Solid Carbide • Brad & Spur Point Drills

Letter Sizes				VIKING JHBS		DORMER		VIKING JCGS	
Size	Dec. Dia.	OAL	Flute Len	Part Number	Price Each	Part Number	Price Each	Part Number	Price Each
A	.2340	3-7/8		JHBS-A	2.05	JHBS-A-DOR	2.35	JCGS-A	3.28
B	.2380	4		JHBS-B	2.05	JHBS-B-DOR	2.35	JCGS-B	3.89
C	.2420	4		JHBS-C	2.05	JHBS-C-DOR	2.35	JCGS-C	3.89
D	.2460	4		JHBS-D	1.96	JHBS-D-DOR	2.35	JCGS-D	3.89
E	.2500	4		JHBS-E	1.85	JHBS-E-DOR	2.00	JCGS-E	3.28
F	.2570	4-1/8		JHBS-F	2.20	JHBS-F-DOR	2.49	JCGS-F	3.85
G	.2610	4-1/8		JHBS-G	2.38	JHBS-G-DOR	2.70	JCGS-G	3.85
H	.2660	4-1/8		JHBS-H	2.44	JHBS-H-DOR	2.81	JCGS-H	4.31
I	.2720	4-1/8		JHBS-I	2.44	JHBS-I-DOR	2.81	JCGS-I	4.05
J	.2770	4-1/8		JHBS-J	2.57	JHBS-J-DOR	2.91	JCGS-J	4.31
K	.2810	4-1/4		JHBS-K	2.88	JHBS-K-DOR	3.19	JCGS-K	4.31
L	.2900	4-1/4		JHBS-L	2.77	JHBS-L-DOR	3.19	JCGS-L	4.80
M	.2950	4-3/8		JHBS-M	3.06	JHBS-M-DOR	3.51	JCGS-M	5.19
N	.3020	4-3/8		JHBS-N	3.06	JHBS-N-DOR	3.51	JCGS-N	5.21
O	.3160	4-1/2		JHBS-O	3.06	JHBS-O-DOR	3.57	JCGS-O	5.74
P	.3230	4-5/8		JHBS-P	3.41	JHBS-P-DOR	3.94	JCGS-P	6.20
Q	.3320	4-3/4		JHBS-Q	3.50	JHBS-Q-DOR	4.02	JCGS-Q	6.27
R	.3390	4-3/4		JHBS-R	3.65	JHBS-R-DOR	4.21	JCGS-R	6.27
S	.3480	4-7/8		JHBS-S	3.96	JHBS-S-DOR	4.55	JCGS-S	7.83
T	.3580	4-7/8		JHBS-T	4.44	JHBS-T-DOR	4.97	JCGS-T	7.83
U	.3680	5		JHBS-U	4.36	JHBS-U-DOR	4.97	JCGS-U	7.83
V	.3770	5		JHBS-V	4.53	JHBS-V-DOR	5.18	JCGS-V	8.98
W	.3860	5-1/8		JHBS-W	4.73	JHBS-W-DOR	5.39	JCGS-W	9.13
X	.3970	5-1/8		JHBS-X	5.65	JHBS-X-DOR	6.54	JCGS-X	9.13
Y	.4040	5-1/4		JHBS-Y	6.64	JHBS-Y-DOR	7.63	JCGS-Y	9.75
Z	.4130	5-1/4		JHBS-Z	6.78	JHBS-Z-DOR	7.83	JCGS-Z	10.58

## WIRE GAGE SIZES 135° Split Point

Wire Sizes				VIKING JHBS		DORMER		VIKING JCGS		Wire Sizes (cont.)				VIKING JHBS		DORMER		VIKING JCGS	
Size	Dec. Dia.	OAL	Flute Len	Part Number	Price Each	Part Number	Price Each	Part Number	Price Each	Size	Dec. Dia.	OAL	Flute Len	Part Number	Price Each	Part Number	Price Each	Part Number	Price Each
1	.2280	3-7/8	2-5/8	JHBS-1	1.89	JHBS-1-DOR	2.10	JCGS-1	3.41	26	.1470	3	1-7/8	JHBS-26	1.01	JHBS-26-DOR	1.12	JCGS-26	1.69
2	.2210	3-7/8	2-5/8	JHBS-2	1.89	JHBS-2-DOR	2.10	JCGS-2	3.41	27	.1440	3	1-7/8	JHBS-27	1.01	JHBS-27-DOR	1.12	JCGS-27	1.72
3	.2130	3-3/4	2-1/2	JHBS-3	1.76	JHBS-3-DOR	1.89	JCGS-3	3.06	28	.1405	2-7/8	1-3/4	JHBS-28	0.90	JHBS-28-DOR	1.00	JCGS-28	1.61
4	.2090	3-3/4	2-1/2	JHBS-4	1.76	JHBS-4-DOR	1.89	JCGS-4	3.19	29	.1360	2-7/8	1-3/4	JHBS-29	0.90	JHBS-29-DOR	1.03	JCGS-29	1.58
5	.2055	3-3/4	2-1/2	JHBS-5	1.76	JHBS-5-DOR	1.89	JCGS-5	3.19	30	.1285	2-3/4	1-5/8	JHBS-30	0.90	JHBS-30-DOR	1.00	JCGS-30	1.45
6	.2040	3-3/4	2-1/2	JHBS-6	1.76	JHBS-6-DOR	1.89	JCGS-6	3.19	31	.1200	2-3/4	1-5/8	JHBS-31	0.90	JHBS-31-DOR	1.03	JCGS-31	1.43
7	.2010	3-5/8	2-7/16	JHBS-7	1.54	JHBS-7-DOR	1.70	JCGS-7	2.46	32	.1160	2-3/4	1-5/8	JHBS-32	0.90	JHBS-32-DOR	1.03	JCGS-32	1.39
8	.1990	3-5/8	2-7/16	JHBS-8	1.54	JHBS-8-DOR	1.70	JCGS-8	2.49	33	.1130	2-5/8	1-1/2	JHBS-33	0.90	JHBS-33-DOR	1.03	JCGS-33	1.36
9	.1960	3-5/8	2-7/16	JHBS-9	1.54	JHBS-9-DOR	1.70	JCGS-9	2.86	34	.1110	2-5/8	1-1/2	JHBS-34	0.90	JHBS-34-DOR	1.03	JCGS-34	1.36
10	.1935	3-5/8	2-7/16	JHBS-10	1.52	JHBS-10-DOR	1.60	JCGS-10	2.49	35	.1100	2-5/8	1-1/2	JHBS-35	0.90	JHBS-35-DOR	1.03	JCGS-35	1.36
11	.1910	3-1/2	2-5/16	JHBS-11	1.39	JHBS-11-DOR	1.49	JCGS-11	2.68	36	.1065	2-1/2	1-7/16	JHBS-36	0.90	JHBS-36-DOR	1.03	JCGS-36	1.32
12	.1890	3-1/2	2-5/16	JHBS-12	1.39	JHBS-12-DOR	1.58	JCGS-12	2.68	37	.1040	2-1/2	1-7/16	JHBS-37	0.90	JHBS-37-DOR	1.03	JCGS-37	1.36
13	.1850	3-1/2	2-5/16	JHBS-13	1.36	JHBS-13-DOR	1.55	JCGS-13	2.29	38	.1015	2-1/2	1-7/16	JHBS-38	0.90	JHBS-38-DOR	1.03	JCGS-38	1.23
14	.1820	3-3/8	2-3/16	JHBS-14	1.36	JHBS-14-DOR	1.55	JCGS-14	2.35	39	.0995	2-3/8	1-3/8	JHBS-39	0.90	JHBS-39-DOR	1.03	JCGS-39	1.25
15	.1800	3-3/8	2-3/16	JHBS-15	1.36	JHBS-15-DOR	1.55	JCGS-15	2.35	40	.0980	2-3/8	1-3/8	JHBS-40	0.90	JHBS-40-DOR	1.03	JCGS-40	1.25
16	.1770	3-3/8	2-3/16	JHBS-16	1.36	JHBS-16-DOR	1.55	JCGS-16	2.18	41	.0960	2-3/8	1-3/8	JHBS-41	0.90	JHBS-41-DOR	1.03	JCGS-41	1.23
17	.1730	3-3/8	2-3/16	JHBS-17	1.36	JHBS-17-DOR	1.55	JCGS-17	2.16	42	.0935	2-1/4	1-1/4	JHBS-42	0.90	JHBS-42-DOR	1.03	JCGS-42	1.19
18	.1695	3-1/4	2-1/8	JHBS-18	1.17	JHBS-18-DOR	1.26	JCGS-18	1.96	43	.0890	2-1/4	1-1/4	JHBS-43	0.90	JHBS-43-DOR	1.23	JCGS-43	1.19
19	.1660	3-1/4	2-1/8	JHBS-19	1.17	JHBS-19-DOR	1.22	JCGS-19	1.91	44	.0860	2-1/8	1-1/8	JHBS-44	0.90	JHBS-44-DOR	1.23	JCGS-44	1.19
20	.1610	3-1/4	2-1/8	JHBS-20	1.17	JHBS-20-DOR	1.22	JCGS-20	1.83	45	.0820	2-1/8	1-1/8	JHBS-45	0.90	JHBS-45-DOR	1.23	JCGS-45	1.19
21	.1590	3-1/4	2-1/8	JHBS-21	1.39	JHBS-21-DOR	1.19	JCGS-21	1.76	4									

# HEAVY DUTY JOBBER DRILLS

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## HSCO JOBBER DRILLS

HEAVY DUTY TO AIRCRAFT SPECIFICATIONS  
AIA NAS 907 Type J



**FEATURES:**

- Standard helix, thick web point angle: 135°, split point
- Bronze surface treatment
- For use when higher heat is generated during drilling on higher tensile tougher materials.
- Heavy duty 135° split point for drilling hard tough metals, free machining stainless steel, high temperature alloys, titanium and certain plastics.



Fractional Sizes				DORMER	
Size	Dec Dia.	Flute Length	OAL	Part Number	Price Each
1/32	.0312	1/2	1-3/8	JCGS-1/32-DOR	2.13
1/16	.0625	7/8	1-7/8	JCGS-1/16-DOR	1.44
5/64	.0781	1	2	JCGS-5/64-DOR	1.41
3/32	.0938	1-1/4	2-1/4	JCGS-3/32-DOR	1.41
7/64	.1094	1-1/2	2-5/8	JCGS-7/64-DOR	1.51
1/8	.1250	1-5/8	2-3/4	JCGS-1/8-DOR	1.81
9/64	.1406	1-3/4	2-7/8	JCGS-9/64-DOR	1.84
5/32	.1562	2	3-1/8	JCGS-5/32-DOR	2.06
11/64	.1719	2-1/8	3-1/4	JCGS-11/64-DOR	2.20
3/16	.1875	2-5/16	3-1/2	JCGS-3/16-DOR	2.47
13/64	.2031	2-7/16	3-5/8	JCGS-13/64-DOR	2.84
7/32	.2188	2-1/2	3-3/4	JCGS-7/32-DOR	3.09
15/64	.2344	2-5/8	3-7/8	JCGS-15/64-DOR	3.31
1/4	.2500	2-3/4	4	JCGS-1/4-DOR	3.54
17/64	.2656	2-7/8	4-1/8	JCGS-17/64-DOR	4.03
9/32	.2812	2-15/16	4-1/4	JCGS-9/32-DOR	4.23
19/64	.2969	3-1/16	4-3/8	JCGS-19/64-DOR	5.03
5/16	.3125	3-3/16	4-1/2	JCGS-5/16-DOR	5.38
21/64	.3281	3-5/16	4-5/8	JCGS-21/64-DOR	5.96
11/32	.3438	3-7/16	4-3/4	JCGS-11/32-DOR	6.50
23/64	.3594	3-1/2	4-7/8	JCGS-23/64-DOR	7.69
3/8	.3750	3-5/8	5	JCGS-3/8-DOR	7.47
25/64	.3906	3-3/4	5-1/8	JCGS-25/64-DOR	8.51
13/32	.4062	3-7/8	5-1/4	JCGS-13/32-DOR	8.87
27/64	.4219	3-15/16	5-3/8	JCGS-27/64-DOR	9.82
7/16	.4375	4-1/16	5-1/2	JCGS-7/16-DOR	10.14
29/64	.4531	4-3/16	5-5/8	JCGS-29/64-DOR	12.17
15/32	.4688	4-5/16	5-3/4	JCGS-15/32-DOR	12.38
31/64	.4844	4-3/8	5-7/8	JCGS-31/64-DOR	13.44
1/2	.5000	4-1/2	6	JCGS-1/2-DOR	12.76

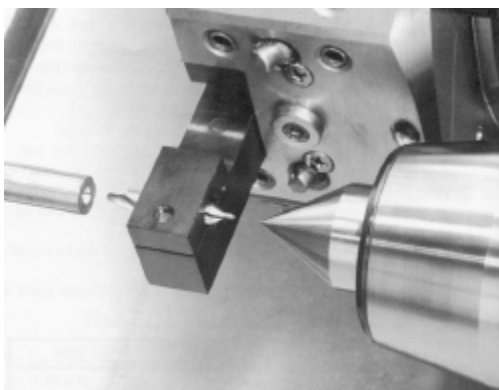
Wire Sizes				DORMER	
Size	Dec. Dia.	Flute Length	OAL	Part Number	Price Each
1	.2280	2-5/8	3-7/8	JCGS-1-DOR	3.77
2	.2210	2-5/8	3-7/8	JCGS-2-DOR	3.77
3	.2130	2-1/2	3-3/4	JCGS-3-DOR	3.35
4	.2090	2-1/2	3-3/4	JCGS-4-DOR	3.35
5	.2055	2-1/2	3-3/4	JCGS-5-DOR	3.35
6	.2040	2-1/2	3-3/4	JCGS-6-DOR	3.35
7	.2010	2-7/16	3-5/8	JCGS-7-DOR	2.91
8	.1990	2-7/16	3-5/8	JCGS-8-DOR	2.91
9	.1960	2-7/16	3-5/8	JCGS-9-DOR	2.91
10	.1935	2-7/16	3-5/8	JCGS-10-DOR	2.76
11	.1910	2-5/16	3-1/2	JCGS-11-DOR	2.91
12	.1890	2-5/16	3-1/2	JCGS-12-DOR	2.91
13	.1850	2-5/16	3-1/2	JCGS-13-DOR	2.68
14	.1820	2-3/16	3-3/8	JCGS-14-DOR	2.68
15	.1800	2-3/16	3-3/8	JCGS-15-DOR	2.68
16	.1770	2-3/16	3-3/8	JCGS-16-DOR	2.55
17	.1730	2-3/16	3-3/8	JCGS-17-DOR	2.45
18	.1695	2-1/8	3-1/4	JCGS-18-DOR	2.22
19	.1660	2-1/8	3-1/4	JCGS-19-DOR	2.18
20	.1610	2-1/8	3-1/4	JCGS-20-DOR	2.18
21	.1590	2-1/8	3-1/4	JCGS-21-DOR	2.18
22	.1570	2	3-1/8	JCGS-22-DOR	2.18
23	.1540	2	3-1/8	JCGS-23-DOR	2.18
24	.1520	2	3-1/8	JCGS-24-DOR	2.18
25	.1495	1-7/8	3	JCGS-25-DOR	1.97

Wire Sizes (cont.)				DORMER	
Size	Dec. Dia.	Flute Length	OAL	Part Number	Price Each
26	.1470	1-7/8	3	JCGS-26-DOR	1.93
27	.1440	1-7/8	3	JCGS-27-DOR	1.93
28	.1405	1-3/4	2-7/8	JCGS-28-DOR	1.84
29	.1360	1-3/4	2-7/8	JCGS-29-DOR	1.81
30	.1285	1-5/8	2-3/4	JCGS-30-DOR	1.65
31	.1200	1-5/8	2-3/4	JCGS-31-DOR	1.65
32	.1160	1-5/8	2-3/4	JCGS-32-DOR	1.62
33	.1130	1-1/2	2-5/8	JCGS-33-DOR	1.60
34	.1110	1-1/2	2-5/8	JCGS-34-DOR	1.60
35	.1100	1-1/2	2-5/8	JCGS-35-DOR	1.60
36	.1065	1-7/16	2-1/2	JCGS-36-DOR	1.60
37	.1040	1-7/16	2-1/2	JCGS-37-DOR	1.60
38	.1015	1-7/16	2-1/2	JCGS-38-DOR	1.42
39	.0995	1-3/8	2-3/8	JCGS-39-DOR	1.42
40	.0980	1-3/8	2-3/8	JCGS-40-DOR	1.42
41	.0960	1-3/8	2-3/8	JCGS-41-DOR	1.42
42	.0935	1-1/4	2-1/4	JCGS-42-DOR	1.42
43	.0890	1-1/4	2-1/4	JCGS-43-DOR	1.42
44	.0860	1-1/8	2-1/8	JCGS-44-DOR	1.42
45	.0820	1-1/8	2-1/8	JCGS-45-DOR	1.42
46	.0810	1-1/8	2-1/8	JCGS-46-DOR	1.42
47	.0785	1	2	JCGS-47-DOR	1.42
48	.0760	1	2	JCGS-48-DOR	1.42
49	.0730	1	2	JCGS-49-DOR	1.42
50	.0700	1	2	JCGS-50-DOR	1.42

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Taper Shank Drills  
Extra Length (Up To 48") • Oil Hole Drills  
Solid Carbide • Brad & Spur Point Drills

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## CENTER DRILL HOLDER



**A Big Time Saver!**



It gets into spaces that others can't even begin to. Because the holder is configured and located in the lathe turret like an OD turning tool, the only thing protruding in front of the turret face is the tip of the center drill. As a result, the center drill can be programmed to drop into the space between the end of the part to be center drilled and the tip of the live center in the retracted position, a space less than the travel on most tailstock quills. For shaft work, the part can be faced and center drilled and then the tailstock quill can be advanced to support the workpiece between centers for heavy duty OD finishing. The time consuming process of stopping the machine to reposition either the workpiece or the tailstock during the machining cycle is completely eliminated.

The 3/4" and 1" kits come complete with 1/2" OD bushings to accommodate standard center drills from #1 to #6, Bell type center drills for #11 to #16 and spotting centers up to 1/2" diameter. The 1 1/4" kit comes complete with (5) 3.4" OD bushings of your choice.

Shank	Max. Center Diameter	Part Number	Price Each
3/4"	1/2"	ED-CDH-750-500	\$156.75
1"	1/2"	ED-CDH1-500	\$175.75
1-1/4"	3/4"	ED-CDH1-250-750	\$185.25

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