

General Application Drills Jobber Length

General Purpose Jobber Length

FEATURES

- 118° point
- HSS substrate with general-purpose geometry
- Black oxide finish for increased wear resistance and improved lubricity
- Bright finish for nonferrous and low-tensile steel applications
- TiN-coated finish for longer tool life and increased lubricity

- Available with 3/8" reduced shanks (see page 4)
- For general-purpose drilling and maintenance applications



INCH SIZES

Drill Dia.	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	Style 1899 Black Oxide	Style 1898 Bright	Style 1898T TiN
1/32	.0312	0.79	1-3/8	1/2	C22643	—	—
60	.0400	1.02	1-5/8	11/16	C22645	C23024	C19159
59	.0410	1.04	1-5/8	11/16	C22646	C23025	C19158
58	.0420	1.07	1-5/8	11/16	C22647	C23026	C19157
57	.0430	1.09	1-3/4	3/4	C22648	C23027	C19156
56	.0465	1.18	1-3/4	3/4	C22649	C23028	C19155
3/64	.0469	1.20	1-3/4	3/4	C22644	—	—
55	.0520	1.32	1-7/8	7/8	C22650	C23029	C19154
54	.0550	1.40	1-7/8	7/8	C22651	C23030	C19153
53	.0595	1.51	1-7/8	7/8	C22652	C23031	C19152
1/16	.0625	1.59	1-7/8	7/8	C22653	C22995	C19160
52	.0635	1.61	1-7/8	7/8	C22654	C23032	C19151
51	.0670	1.70	2	1	C22655	C23033	C19150
50	.0700	1.78	2	1	C22656	C23034	C19149
49	.0730	1.85	2	1	C22657	C23035	C19148
48	.0760	1.93	2	1	C22658	C23036	C19147
5/64	.0781	1.98	2	1	C22659	C22996	C19161
47	.0785	1.99	2	1	C22660	C23037	C19146
46	.0810	2.06	2-1/8	1-1/8	C22661	C23038	C19145
45	.0820	2.08	2-1/8	1-1/8	C22662	C23039	C19144
44	.0860	2.18	2-1/8	1-1/8	C22663	C23040	C19143
43	.0890	2.26	2-1/4	1-1/4	C22664	C23041	C19142
42	.0935	2.37	2-1/4	1-1/4	C22665	C23042	C19141
3/32	.0938	2.38	2-1/4	1-1/4	C22666	C22997	C19162
41	.0960	2.44	2-3/8	1-3/8	C22667	C23043	C19140
40	.0980	2.49	2-3/8	1-3/8	C22668	C23044	C19139
39	.0995	2.53	2-3/8	1-3/8	C22669	C23045	C19138
38	.1015	2.58	2-1/2	1-7/16	C22670	C23046	C19137
37	.1040	2.64	2-1/2	1-7/16	C22671	C23047	C19136
36	.1065	2.71	2-1/2	1-7/16	C22672	C23048	C19135
7/64	.1094	2.78	2-5/8	1-1/2	C22673	C22998	C19163
35	.1100	2.79	2-5/8	1-1/2	C22674	C23049	C19134
34	.1110	2.82	2-5/8	1-1/2	C22675	C23050	C19133
33	.1130	2.87	2-5/8	1-1/2	C22676	C23051	C19132
32	.1160	2.95	2-3/4	1-5/8	C22677	C23052	C19131
31	.1200	3.05	2-3/4	1-5/8	C22678	C23053	C19130

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Drill Dia.	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	Style 1899 Black Oxide	Style 1898 Bright	Style 1898T TiN
1/8	.1250	3.18	2-3/4	1-5/8	C22679	C22999	C19164
30	.1285	3.26	2-3/4	1-5/8	C22680	C23054	C19129
29	.1360	3.45	2-7/8	1-3/4	C22681	C23055	C19128
28	.1405	3.57	2-7/8	1-3/4	C22682	C23056	C19127
9/64	.1406	3.57	2-7/8	1-3/4	C22683	C23000	C19165
27	.1440	3.66	3	1-7/8	C22684	C23057	C19126
26	.1470	3.73	3	1-7/8	C22685	C23058	C19125
25	.1495	3.80	3	1-7/8	C22686	C23059	C19124
24	.1520	3.86	3-1/8	2	C22687	C23060	C19123
23	.1540	3.91	3-1/8	2	C22688	C23061	C19122
5/32	.1562	3.97	3-1/8	2	C22689	C23001	C19166
22	.1570	3.99	3-1/8	2	C22690	C23062	C19121
21	.1590	4.04	3-1/4	2-1/8	C22691	C23063	C19120
20	.1610	4.09	3-1/4	2-1/8	C22692	C23064	C19119
19	.1660	4.22	3-1/4	2-1/8	C22693	C23065	C19118
18	.1695	4.31	3-1/4	2-1/8	C22694	C23066	C19117
11/64	.1719	4.37	3-1/4	2-1/8	C22695	C23002	C19167
17	.1730	4.39	3-3/8	2-3/16	C22696	C23067	C19116
16	.1770	4.50	3-3/8	2-3/16	C22697	C23068	C19115
15	.1800	4.57	3-3/8	2-3/16	C22698	C23069	C19114
14	.1820	4.62	3-3/8	2-3/16	C22699	C23070	C19113
13	.1850	4.70	3-1/2	2-5/16	C22700	C23071	C19112
3/16	.1875	4.76	3-1/2	2-5/16	C22701	C23003	C19168
12	.1890	4.80	3-1/2	2-5/16	C22702	C23072	C19111
11	.1910	4.85	3-1/2	2-5/16	C22703	C23073	C19110
10	.1935	4.91	3-5/8	2-7/16	C22704	C23074	C19109
9	.1960	4.98	3-5/8	2-7/16	C22705	C23075	C19108
8	.1990	5.05	3-5/8	2-7/16	C22706	C23076	C19107
7	.2010	5.11	3-5/8	2-7/16	C22707	C23077	C19106
13/64	.2031	5.16	3-5/8	2-7/16	C22708	C23004	C19169
6	.2040	5.18	3-3/4	2-1/2	C22709	C23078	C19105
5	.2055	5.22	3-3/4	2-1/2	C22710	C23079	C19104
4	.2090	5.31	3-3/4	2-1/2	C22711	C23080	C19103
3	.2130	5.41	3-3/4	2-1/2	C22712	C23081	C19102
7/32	.2188	5.56	3-3/4	2-1/2	C22713	C23005	C19170
2	.2210	5.61	3-7/8	2-5/8	C22714	C23082	C19101
1	.2280	5.79	3-7/8	2-5/8	C22715	C23083	C19100
A	.2340	5.94	3-7/8	2-5/8	C22716	C22970	—
15/64	.2344	5.95	3-7/8	2-5/8	C22717	C23006	C19171
B	.2380	6.05	4	2-3/4	C22718	C22971	—
C	.2420	6.15	4	2-3/4	C22719	C22972	—
D	.2460	6.25	4	2-3/4	C22720	C22973	C19193
1/4. E	.2500	6.35	4	2-3/4	C22721	C23007	C19172
F	.2570	6.53	4-1/8	2-7/8	C22722	C22974	C19194
G	.2610	6.63	4-1/8	2-7/8	C22723	C22975	C19195
17/64	.2656	6.75	4-1/8	2-7/8	C22724	C23008	C19173
H	.2660	6.76	4-1/8	2-7/8	C22725	C22976	C19196
I	.2720	6.91	4-1/8	2-7/8	C22726	C22977	C19197
J	.2770	7.04	4-1/8	2-7/8	C22727	C22978	C19198
K	.2810	7.14	4-1/4	2-15/16	C22728	C22979	—

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Drill Dia.	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	Style 1899 Black Oxide	Style 1898 Bright	Style 1898T TiN
9/32	.2812	7.14	4-1/4	2-15/16	C22729	C23009	C19174
L	.2900	7.37	4-1/4	2-15/16	C22730	C22980	C19199
M	.2950	7.49	4-3/8	3-1/16	C22731	C22981	—
19/64	.2969	7.54	4-3/8	3-1/16	C22732	C23010	C19175
N	.3020	7.67	4-3/8	3-1/16	C22733	C22982	C19200
5/16	.3125	7.94	4-1/2	3-3/16	C22734	C23011	C19176
O	.3160	8.03	4-1/2	3-3/16	C22735	C22983	C19201
P	.3230	8.20	4-5/8	3-5/16	C22736	C22984	—
21/64	.3281	8.33	4-5/8	3-5/16	C22737	C23012	C19177
Q	.3320	8.43	4-3/4	3-7/16	C22738	C22985	C19202
R	.3390	8.61	4-3/4	3-7/16	C22739	C22986	C19203
11/32	.3438	8.73	4-3/4	3-7/16	C22740	C23013	C19178
S	.3480	8.84	4-7/8	3-1/2	C22741	C22987	—
T	.3580	9.09	4-7/8	3-1/2	C22742	C22988	C19204
23/64	.3594	9.13	4-7/8	3-1/2	C22743	C23014	C19179
U	.3680	9.35	5	3-5/8	C22744	C22989	C19205
3/8	.3750	9.53	5	3-5/8	C22745	C23015	C19180
V	.3770	9.58	5	3-5/8	C22746	C22990	—
W	.3860	9.80	5-1/8	3-3/4	C22747	C22991	C19206
25/64	.3906	9.92	5-1/8	3-3/4	C22505	C23016	C19181
X	.3970	10.08	5-1/8	3-3/4	C22748	C22992	—
Y	.4040	10.26	5-1/4	3-7/8	C22749	C22993	—
13/32	.4062	10.32	5-1/4	3-7/8	C22506	C23017	C19182
Z	.4130	10.49	5-1/4	3-7/8	C22750	C22994	—
27/64	.4219	10.72	5-3/8	3-15/16	C22507	C23018	C19183
7/16	.4375	11.11	5-1/2	4-1/16	C22751	C23019	C19184
29/64	.4531	11.51	5-5/8	4-3/16	C22508	C23020	C19185
15/32	.4688	11.91	5-3/4	4-5/16	C22753	C23021	C19186
31/64	.4844	12.30	5-7/8	4-3/8	C22755	C23022	C19187
1/2	.5000	12.70	6	4-1/2	C22757	C23023	C19188

INCH SIZES with 3/8" REDUCED SHANKS

Drill Dia.	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	Style 1900 Black Oxide	Style 1808 Bright
25/64	.3906	9.92	5-1/8	3-3/4	C69369	C20621
13/32	.4062	10.32	5-1/4	3-7/8	C69370	C20622
27/64	.4219	10.72	5-3/8	3-15/16	C69371	C20623
7/16	.4375	11.11	5-1/2	4-1/16	C69372	C20624
29/64	.4531	11.51	5-5/8	4-3/16	C69373	C20625
15/32	.4688	11.91	5-3/4	4-5/16	C69374	C20626
31/64	.4844	12.30	5-7/8	4-3/8	C69375	C20627
1/2	.5000	12.70	6	4-1/2	C69376	C20628

Jobber Length

General Purpose Jobber Length (continued)

METRIC SIZES

Drill Dia.	Decimal Equiv.	Overall Length	Flute Length	Style 1899 Black Oxide	Style 1898 Bright	Style 1898T TiN
0.35	.0138	19	4	C22780	—	—
0.4	.0157	20	5	C22781	C01802	—
0.45	.0177	20	5	C22782	—	—
0.5	.0197	22	6	C22783	—	—
0.55	.0217	24	7	C22784	—	—
0.6	.0236	24	7	C22785	C01815	—
0.65	.0256	26	8	C22786	—	—
0.7	.0276	28	9	C22787	—	—
0.75	.0295	28	9	C22788	—	—
0.8	.0315	30	10	C22789	—	—
0.85	.0335	30	10	C22790	—	—
0.9	.0354	32	11	C22791	—	—
0.95	.0374	32	11	C22792	—	—
1.0	.0394	34	12	C22793	C62793	C24325
1.05	.0413	34	12	C22794	C62794	—
1.1	.0433	36	14	C22795	C62795	—
1.15	.0453	36	14	C22796	C62796	—
1.2	.0472	38	16	C22797	C62797	C24326
1.25	.0492	38	16	C22798	C62798	—
1.3	.0512	38	16	C22799	C62799	—
1.35	.0531	40	18	C22800	C62800	—
1.4	.0551	40	18	C22801	C62801	—
1.45	.0571	40	18	C22802	C62802	—
1.5	.0591	40	18	C22803	C62803	C24327
1.55	.0610	43	20	C22804	C62804	—
1.6	.0630	43	20	C22805	C62805	C24306
1.65	.0665	43	20	C22806	C62806	—
1.7	.0669	43	20	C22807	C62807	—
1.75	.0689	46	22	C22808	C62808	—
1.8	.0709	46	22	C22809	C62809	—
1.85	.0728	46	22	C22810	C62810	—
1.9	.0748	46	22	C22811	C62811	—
1.95	.0768	49	24	C22812	C62812	—
2	.0787	49	24	C22813	C62813	C24328
2.05	.0807	49	24	C22814	C62814	—
2.1	.0827	49	24	C22815	C62815	—
2.15	.0846	53	27	C22816	C62816	—
2.2	.0866	53	27	C22817	C62817	—
2.25	.0886	53	27	C22818	C62818	—
2.3	.0906	53	27	C22819	C62819	C24329
2.35	.0925	53	27	C22820	C62820	—
2.4	.0945	57	30	C22821	C62821	C24330
2.45	.0965	57	30	C22822	C62822	—
2.5	.0984	57	30	C22823	C62823	C24331
2.6	.1024	57	30	C22824	C62824	—
2.7	.1063	61	33	C22825	C62825	C24332
2.75	.1082	61	33	C01112	—	—
2.8	.1102	61	33	C22826	C62826	C24333
2.9	.1142	61	33	C22827	C62827	C24334
3	.1181	61	33	C22828	C62828	C24335
3.1	.1220	65	36	C22829	C62829	C24336
3.2	.1260	65	36	C22830	C62830	C24337

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