

# 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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# General Application Drills

## Jobber Length

### General Purpose Jobber Length (continued)

#### INCH SIZES

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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# Jobber Length

## General Purpose Jobber Length (continued)

### METRIC SIZES

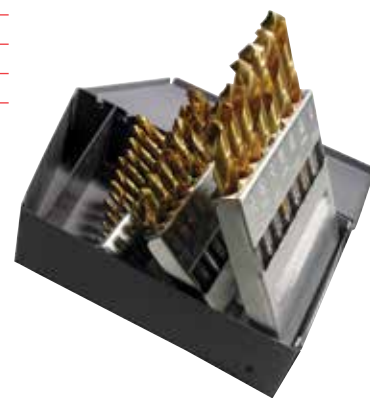
Drill Dia.	Decimal Equiv.	Overall Length	Flute Length	Style 1899 Black Oxide	Style 1898 Bright	Style 1898T TiN
13.5	.5315	160	108	C22912	C62912	—
13.8	.5433	160	108	C22913	C62913	—
14	.5512	160	108	C22914	C62914	—
14.25	.5610	169	114	C22915	C62915	—
14.5	.5709	169	114	C22916	C62916	—
14.75	.5807	169	114	C22917	C62917	—
15	.5906	169	114	C22918	C62918	—
15.25	.6004	178	120	C22919	—	—
15.5	.6102	178	120	C22920	C62920	—
15.75	.6201	178	120	C22921	C62921	—
16	.6299	178	120	C22922	C62922	—
16.25	.6398	184	125	C22923	C62923	—
16.5	.6496	184	125	C22924	C62924	—
16.75	.6594	184	125	C22925	—	—
17	.6693	184	125	C22926	C62926	—
17.25	.6791	191	130	C22927	—	—
17.5	.6890	191	130	C22928	C62928	—
18	.7086	191	130	C22929	C62929	—
18.5	.7283	198	135	C22930	—	—
19	.7480	198	135	C22931	C62931	—
19.5	.7677	205	140	C22932	—	—
20	.7874	205	140	C22933	—	—

### SETS in METAL CASE

Drill Sizes	No. of Pieces	Style 1899 Black Oxide	Style 1900 Blk 3/8" Shanks	Style 1898 Bright	Style 1898T TiN-Coated
1/16" – 3/8" x 1/32"	11	C21101	—	C21100	—
1/16" – 1/4" x 1/64"	13	C21105	—	C21104	—
1/16" – 1/2" x 1/32"	15	C21109	C21156	C21108	C19210
1/16" – 3/8" x 1/64"	21	C21114	—	C21113	—
1/16" – 1/2" x 1/64"	29	C21118	C21159	C21117	C19211
A – Z	26	C21158	—	—	—
#1 – #60	60	C21123	—	C21122	—
1/16" – 1/2" x 1/64", A to Z, #1 – #60	115	C21127	—	C21126	—
1mm – 6mm x 0.5mm	11	C21130	—	—	—
1mm – 10mm x 0.5mm	19	—	—	—	C24380
1mm – 13mm x 1mm	25	C21131	—	C18127	—



13-piece set C21105



29-piece set C19211



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# Jobber Length

## General Purpose Left-Hand Jobber Length

### FEATURES

- 118° point
- HSS construction with left-hand helix, left-hand cut general-purpose geometry
- Bright finish for nonferrous and low-tensile steel applications
- For general-purpose drilling and maintenance applications



Style 1898L Bright Finish

### INCH SIZES

Drill Dia.	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	Style 1898L Bright
3/64	.0469	1.19	1-3/4	3/4	C18400
1/16	.0625	1.59	1-7/8	7/8	C18401
5/64	.0781	1.98	2	1	C18402
3/32	.0938	2.38	2-1/4	1-1/4	C18403
7/64	.1094	2.78	2-5/8	1-1/2	C18404
1/8	.1250	3.18	2-3/4	1-5/8	C18405
9/64	.1406	3.57	2-7/8	1-3/4	C18406
5/32	.1562	3.97	3-1/8	2	C18407
11/64	.1719	4.37	3-1/4	2-1/8	C18408
3/16	.1875	4.76	3-1/2	2-5/16	C18409
13/64	.2031	5.16	3-5/8	2-7/16	C18410
7/32	.2188	5.56	3-3/4	2-1/2	C18411
15/64	.2344	5.95	3-7/8	2-5/8	C18412
1/4	.2500	6.35	4	2-3/4	C18413
17/64	.2656	6.75	4-1/8	2-7/8	C18414
9/32	.2812	7.14	4-1/4	2-15/16	C18415
19/64	.2969	7.54	4-3/8	3-1/16	C18416
5/16	.3125	7.94	4-1/2	3-3/16	C18417
21/64	.3281	8.33	4-5/8	3-5/16	C18418
11/32	.3438	8.73	4-3/4	3-7/16	C18419
23/64	.3594	9.13	4-7/8	3-1/2	C18420
3/8	.3750	9.53	5	3-5/8	C18421
25/64	.3906	9.92	5-1/8	3-3/4	C18422
13/32	.4062	10.32	5-1/4	3-7/8	C18423
27/64	.4219	10.72	5-3/8	3-15/16	C18424
7/16	.4375	11.11	5-1/2	4-1/16	C18425
29/64	.4531	11.51	5-5/8	4-3/16	C18426
15/32	.4688	11.95	5-3/4	4-5/16	C18427
31/64	.4844	12.30	5-7/8	4-3/8	C18428
1/2	.5000	12.70	6	4-1/2	C18429



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**Jobber Length Drills in Metal Cases**  
These sets are also shown on the tool listing pages.

Size Range	No. of Pieces	Drill Style No.	Description	EDP No.		
1/16" - 3/8" x 1/32"	11	1898	Bright, general purpose, 118° point	C21100		
		1899	Black, general purpose, 118° point	C21101		
		1898	Bright, general purpose, 118° point	C21104		
		1899	Black, general purpose, 118° point	C21105		
		1801	Heavy duty, 135° split point	C21157		
1/16" - 1/4" x 1/64"	13	1878	Black & gold, heavy duty 135° split point	C18123		
		1872	Heavy duty parabolic, 135° split point	C18619		
		1872TN	TiN heavy duty parabolic, 135° split point	C18700		
		1802	Cobalt heavy duty, 135° split point	C21107		
		1898	Bright, general purpose, 118° point	C21108		
		1899	Black, general purpose, 118° point	C21109		
1/16" - 1/2" x 1/32"	15	1899	Black, general purpose, 3/8" shank, 118°	C21156		
		1898T	TiN general purpose, 118° point	C19210		
		1801	Heavy duty, 135° split point	C21110		
		1878	Black & gold, heavy duty	C18124		
		1872	Heavy duty parabolic, 135° split point	C18620		
		1872TN	TiN heavy duty parabolic, 135° split point	C18701		
		1873	Heavy duty parabolic 3/8" shank	C18719		
		1802	Cobalt heavy duty, 135° split point	C21112		
		1/16" - 3/8" x 1/64"	21	1898	Bright, general purpose, 118° point	C21113
				1899	Black, general purpose, 118° point	C21114
1801	Heavy duty, 135° split point			C21115		
1872	Heavy duty parabolic, 135° split point			C18621		
1872TN	TiN heavy duty parabolic, 135° split point			C18702		
1/16" - 1/2" x 1/64"	29	1898	Bright, general purpose, 118° point	C21117		
		1899	Black, general purpose, 118° point	C21118		
		1809	Black, general purpose, 3/8" shank, 118°	C21159		
		1898T	TiN, general purpose, 118° point	C19211		
		1878	Black & Gold, Heavy Duty	C18125		
		1878	*Bit Barrel™ black & gold, heavy duty	C18128		
		1879	Black & Gold, Heavy Duty, 3/8" shank	C18122		
		1801	Heavy Duty, 135° split	C21119		
		1872	Heavy duty parabolic, 135° sp pt	C18622		
		1872TN	TiN heavy duty parabolic, 135° split point	C18703		
		1873	Heavy duty parabolic 3/8" shank	C18718		
1802	Cobalt heavy duty, 135° split	C21121				
A - Z	26	1899	Black, general purpose, 118° point	C21158		
		#1 - #60	60	1898	Bright, general purpose, 118° point	C21122
		1899	Black, general purpose, 118° point	C21123		
		1801	Heavy duty, 135° split point	C21124		
1802	Cobalt heavy duty, 135° split point	C21125				
1/16" - 1/2" x 1/64", #1-#60, A-Z	115	1898	Bright, general purpose, 118° point	C21126		
		1899	Black, general purpose, 118° point	C21127		
		1801	Heavy duty, 135° split point	C21128		
		1802	Cobalt, 135° split point	C21129		
1mm - 6mm x 0,5mm	11	1899	Black, 118° point	C21130		
		1872	Heavy duty parabolic, 135° split point	C18626		
		1872TN	TiN heavy duty parabolic, 135° split point	C18704		
1mm - 10mm x 0,5mm	19	1898T	TiN, general purpose, 118° point	C24380		
		1899	Black, general purpose, 118° point	C21131		
1mm-13mm x 0,5mm	25	1898T	TiN, general purpose, 118° point	C24381		
		1872	Heavy duty parabolic, 135° split point	C18628		
		1872TN	TiN heavy duty parabolic, 135° split point	C18706		

\*Bit Barrel case is plastic.



21-piece set Style 1898 EDP No.C21113



29-piece set Style 1872 EDP No.C18622



26-piece set Style 1899 EDP No.C21158



115-piece set Style 1899 EDP No.C21127



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**Other Drill Sets**

These sets are also shown on the tool listing pages.

Size Range	No. of Pieces	Drill Style No.	Description	EDP No.
<b>Mechanics length drills in metal case</b>				
1/16" - 1/4" x 1/64"	13	1875R	Black & gold, heavy duty, 135° split point	C18126
1/16" - 1/2" x 1/32"	15	1875R	Black & gold, heavy duty, 135° split point	C21160
1/16" - 3/8" x 1/64"	21	1875R	Black & gold, heavy duty, 135° split point	C21161
1/16" - 1/2" x 1/64"	29	1875R	Black & gold, heavy duty, 135° split point	C21162
	29	1875R	*Bit Barrel" black & gold, heavy duty	C21165
		1876	Black & gold, 3/8" shank, 135° split point	C21163

**Screw machine length drills in metal case**

1/16" - 1/2" x 1/64"	29	1896	Black heavy duty, 135° split point	C21133
#1 - #60	60	1896	Black heavy duty, 135° split point	C21947

**Silver & Deming drills in metal case**

9/16" - 1" x 1/16"	8	1813	1/2" reduced round shank, black	C21135
		1892	1/2" reduced shank with flats, black	C22761
		1877	1/2" reduced shank with flats, black & gold	C21164

9/16" - 1" x 1/16"	33	1813	1/2" reduced round shank, black	C21134
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**Step drill sets in metal case**

3/16 - 3/4"	3	1874	Bright, 118° split point	C20325
		1874	TiN, 118° split point	C20326

**Carbide-tipped masonry drills in metal case**

1/4, 5/16, 3/8, 1/2	4	1818	TCT carbide-tipped	C17003
		1889	TCT carbide-tipped	C23290

**Glass & Tile drill bit set**

1/8 - 1/2 x 1/8	4	1822	Spear point glass & tile drill bit	C21148
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**Screw Extractor Set in fold-up pouch**

#1 - #5	5	1829	Screw extractors	C21149
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**Drill Dispensers**

1/16" - 1/2"		1867		C23992
Letter A - Z		1867		C23993
#1 - #60		1867		C23994

\*Bit Barrel case is plastic.



15-piece set Style 1875 EDP No.C21160



8-piece set Style 1813 EDP No.C21135



5-piece set Style 1829 EDP No.C21149



Drill Dispenser EDP No.C23992

**CLE-FORCE™ Drill Sets**  
are listed on page 67



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