

# DRILLS - METALWORKING

## Cobalt Jobber Length Drills Straight Shank - Cobalt 135° Split Point - Heavy Duty



135° Self-centering split point eliminates "walking" and reduces thrust. Heavy duty construction. Cobalt steel offers increased hardness, toughness, wear resistance and heat resistance. Recommended for drilling tough, high tensile strength materials that generate higher cutting temperatures including high alloy steels, ferrous castings, titanium, inconel, stainless steels and other difficult-to-drill materials.

List No. 330C

**MADE IN USA**

### STANDARD PACKAGE

#### Fractional Sizes

Sizes 1/64" thru 3/8" — 12 each  
Sizes 25/64" thru 1/2" — 6 each

#### Letter Sizes

Sizes A thru V — 12 each  
Sizes W thru Z — 6 each

### LIST NO. 330C

#### FRACTIONAL SIZES

SIZE	DECIMAL EQUIV.	FLUTE LENGTH	OVERALL LENGTH	EDP NO.
1/64	.0156	3/16	3/4	80720
1/32	.0312	1/2	1-3/8	80721
3/64	.0469	3/4	1-3/4	80722
1/16	.0625	7/8	1-7/8	80723
5/64	.0781	1	2	80724
3/32	.0937	1-1/4	2-1/4	80725
7/64	.1094	1-1/2	2-5/8	80726
1/8	.1250	1-5/8	2-3/4	80727
9/64	.1406	1-3/4	2-7/8	80728
5/32	.1562	2	3-1/8	80729
11/64	.1719	2-1/8	3-1/4	80730
3/16	.1875	2-5/16	3-1/2	80731
13/64	.2031	2-7/16	3-5/8	80732
7/32	.2187	2-1/2	3-3/4	80733
15/64	.2344	2-5/8	3-7/8	80734
1/4-E	.2500	2-3/4	4	80735
17/64	.2656	2-7/8	4-1/8	80736
9/32	.2812	2-15/16	4-1/4	80737
19/64	.2969	3-1/16	4-3/8	80738
5/16	.3125	3-3/16	4-1/2	80739
21/64	.3281	3-5/16	4-5/8	80740
11/32	.3437	3-7/16	4-3/4	80741
23/64	.3594	3-1/2	4-7/8	80742
3/8	.3750	3-5/8	5	80743
25/64	.3906	3-3/4	5-1/8	80744
13/32	.4062	3-7/8	5-1/4	80745
27/64	.4219	3-15/16	5-3/8	80746
7/16	.4375	4-1/16	5-1/2	80747
29/64	.4531	4-3/16	5-5/8	80748
15/32	.4687	4-5/16	5-3/4	80749
31/64	.4844	4-3/8	5-7/8	80750
1/2	.5000	4-1/2	6	80751

#### LETTER SIZES

SIZE	DECIMAL EQUIV.	FLUTE LENGTH	OVERALL LENGTH	EDP NO.
A	.2340	2-5/8	3-7/8	80921
B	.2380	2-3/4	4	80922
C	.2420	2-3/4	4	80923
D	.2460	2-3/4	4	80924
1/4-E	.2500	2-3/4	4	80735
F	.2570	2-7/8	4-1/8	80926
G	.2610	2-7/8	4-1/8	80927
H	.2660	2-7/8	4-1/8	80928
I	.2720	2-7/8	4-1/8	80929
J	.2770	2-7/8	4-1/8	80930
K	.2810	2-15/16	4-1/4	80931
L	.2900	2-15/16	4-1/4	80932
M	.2950	3-1/16	4-3/8	80933
N	.3020	3-1/16	4-3/8	80934
O	.3160	3-3/16	4-1/2	80935
P	.3230	3-5/16	4-5/8	80936
Q	.3320	3-7/16	4-3/4	80937
R	.3390	3-7/16	4-3/4	80938
S	.3480	3-1/2	4-7/8	80939
T	.3580	3-1/2	4-7/8	80940
U	.3680	3-5/8	5	80941
V	.3770	3-5/8	5	80942
W	.3860	3-3/4	5-1/8	80943
X	.3970	3-3/4	5-1/8	80944
Y	.4040	3-7/8	5-1/4	80945
Z	.4130	3-7/8	5-1/4	80946

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List No. 330C

**MADE IN USA**

STANDARD PACKAGE

Wire Gage Sizes

#1 thru #60 — 12 each

### LIST NO. 330C

#### WIRE GAGE SIZES

SIZE	DECIMAL EQUIV.	FLUTE LENGTH	OVERALL LENGTH	EDP NO.
60	.0400	11/16	1-5/8	80811*
59	.0410	11/16	1-5/8	80810*
58	.0420	11/16	1-5/8	80809*
57	.0430	3/4	1-3/4	80808*
56	.0465	3/4	1-3/4	80807*
55	.0520	7/8	1-7/8	80806*
54	.0550	7/8	1-7/8	80805*
53	.0595	7/8	1-7/8	80804*
52	.0635	7/8	1-7/8	80803
51	.0670	1	2	80802
50	.0700	1	2	80801
49	.0730	1	2	80800
48	.0760	1	2	80799
47	.0785	1	2	80798
46	.0810	1-1/8	2-1/8	80797
45	.0820	1-1/8	2-1/8	80796
44	.0860	1-1/8	2-1/8	80795
43	.0890	1-1/4	2-1/4	80794
42	.0935	1-1/4	2-1/4	80793
41	.0960	1-3/8	2-3/8	80792
40	.0980	1-3/8	2-3/8	80791
39	.0995	1-3/8	2-3/8	80790
38	.1015	1-7/16	2-1/2	80789
37	.1040	1-7/16	2-1/2	80788
36	.1065	1-7/16	2-1/2	80787
35	.1100	1-1/2	2-5/8	80786
34	.1110	1-1/2	2-5/8	80785
33	.1130	1-1/2	2-5/8	80784
32	.1160	1-5/8	2-3/4	80783
31	.1200	1-5/8	2-3/4	80782

#### WIRE GAGE SIZES

SIZE	DECIMAL EQUIV.	FLUTE LENGTH	OVERALL LENGTH	EDP NO.
30	.1285	1-5/8	2-3/4	80781
29	.1360	1-3/4	2-7/8	80780
28	.1405	1-3/4	2-7/8	80779
27	.1440	1-7/8	3	80778
26	.1470	1-7/8	3	80777
25	.1495	1-7/8	3	80776
24	.1520	2	3-1/8	80775
23	.1540	2	3-1/8	80774
22	.1570	2	3-1/8	80773
21	.1590	2-1/8	3-1/4	80772
20	.1610	2-1/8	3-1/4	80771
19	.1660	2-1/8	3-1/4	80770
18	.1695	2-1/8	3-1/4	80769
17	.1730	2-3/16	3-3/8	80768
16	.1770	2-3/16	3-3/8	80767
15	.1800	2-3/16	3-3/8	80766
14	.1820	2-3/16	3-3/8	80765
13	.1850	2-5/16	3-1/2	80764
12	.1890	2-5/16	3-1/2	80763
11	.1910	2-5/16	3-1/2	80762
10	.1935	2-7/16	3-5/8	80761
9	.1960	2-7/16	3-5/8	80760
8	.1990	2-7/16	3-5/8	80759
7	.2010	2-7/16	3-5/8	80758
6	.2040	2-1/2	3-3/4	80757
5	.2055	2-1/2	3-3/4	80756
4	.2090	2-1/2	3-3/4	80755
3	.2130	2-1/2	3-3/4	80754
2	.2210	2-5/8	3-7/8	80753
1	.2280	2-5/8	3-7/8	80752

\* Sizes #53 and smaller furnished with 135° regular point.