

**Screw Machine Length**  
Heavy Duty

**General Application Drills**



Styles: **1621, 1896**



**Note**  
Superior rigidity in hand or machine drilling.



HOLEMAKING

drill diameter		decimal equivalent	overall length	flute length	order number	
frac/wire/let	mm				1621 Black Oxide	1896 Black Oxide
	*1.00	.0394	26	6	—	C23885
*60		.0400	1-3/8	1/2	—	C23500
*59		.0410	1-3/8	1/2	—	C23501
*58		.0420	1-3/8	1/2	—	C23502
*57		.0430	1-3/8	1/2	—	C23503
*56		.0465	1-3/8	1/2	—	C23504
	*1.25	.0492	30	8	—	C23886
*55		.0520	1-5/8	5/8	—	C23505
*54		.0550	1-5/8	5/8	—	C23506
	*1.50	.0591	32	9	—	C23887
*53		.0595	1-5/8	5/8	—	C23507
1/16		.0625	1-5/8	5/8	C68491	C23460
52		.0635	1-11/16	11/16	—	C23508
51		.0670	1-11/16	11/16	—	C23509
50		.0700	1-11/16	11/16	—	C23510
	1.80	.0709	36	11	—	C24018
49		.0730	1-11/16	11/16	—	C23511
48		.0760	1-11/16	11/16	—	C23512
5/64		.0781	1-11/16	11/16	C68492	C23461
47		.0785	1-3/4	3/4	—	C23513
	2.00	.0787	38	12	—	C23888
46		.0810	1-3/4	3/4	—	C23514
45		.0820	1-3/4	3/4	—	C23515
44		.0860	1-3/4	3/4	—	C23516
	2.20	.0866	40	13	—	C23889
43		.0890	1-3/4	3/4	—	C23517
	2.30	.0906	40	13	—	C23890
42		.0935	1-3/4	3/4	—	C23518
3/32		.0938	1-3/4	3/4	C68493	C23462
	2.40	.0945	43	14	—	C23891
41		.0960	1-13/16	13/16	—	C23519
40		.0980	1-13/16	13/16	—	C23520
	2.50	.0984	43	14	—	C23892
39		.0995	1-13/16	13/16	—	C23521
38		.1015	1-13/16	13/16	—	C23522
	2.60	.1024	43	14	—	C23893
37		.1040	1-13/16	13/16	—	C23523
36		.1065	1-13/16	13/16	—	C23524
7/64		.1094	1-13/16	13/16	C68494	C23463
35		.1100	1-7/8	7/8	—	C23525
	2.80	.1102	46	16	—	C23894

\*Not split point.

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drill diameter		decimal equivalent	overall length	flute length	order number	
frac/wire/let	mm				1621 Black Oxide	1896 Black Oxide
34		.1110	1-7/8	7/8	—	C23526
33		.1130	1-7/8	7/8	—	C23527
32		.1160	1-7/8	7/8	—	C23528
	3.00	.1181	46	16	—	C23895
31		.1200	1-7/8	7/8	—	C23529
	3.10	.1220	49	18	—	C23896
1/8		.1250	1-7/8	7/8	C68495	C23464
	3.20	.1260	49	18	—	C23898
30		.1285	1-15/16	15/16	—	C23530
	3.30	.1299	49	18	—	C23899
	3.40	.1339	52	20	—	C23900
29		.1360	1-15/16	15/16	—	C23531
	3.50	.1378	52	20	—	C23901
28		.1405	1-15/16	15/16	—	C23532
9/64		.1406	1-15/16	15/16	C68496	C23465
	3.60	.1417	52	20	—	C24036
27		.1440	2-1/16	1	—	C23533
	3.70	.1457	52	20	—	C23902
26		.1470	2-1/16	1	—	C23534
25		.1495	2-1/16	1	—	C23535
	3.80	.1496	55	22	—	C23903
24		.1520	2-1/16	1	—	C23536
23		.1540	2-1/16	1	—	C23537
5/32		.1562	2-1/16	1	C68497	C23466
22		.1570	2-1/8	1-1/16	—	C23538
	4.00	.1575	55	22	—	C23904
21		.1590	2-1/8	1-1/16	—	C23539
20		.1610	2-1/8	1-1/16	—	C23540
	4.10	.1614	55	22	—	C23905
	4.20	.1654	55	22	—	C23906
19		.1660	2-1/8	1-1/16	—	C23541
	4.30	.1693	58	24	—	C23907
18		.1695	2-1/8	1-1/16	—	C23542
11/64		.1719	2-1/8	1-1/16	C68498	C23467
17		.1730	2-3/16	1-1/8	—	C23543
16		.1770	2-3/16	1-1/8	—	C23544
	4.50	.1772	58	24	—	C23908
15		.1800	2-3/16	1-1/8	—	C23545
	4.60	.1811	58	24	—	C23909
14		.1820	2-3/16	1-1/8	—	C23546
13		.1850	2-3/16	1-1/8	—	C23547
	4.70	.1850	58	24	—	C23910
3/16		.1875	2-3/16	1-1/8	C68499	C23468
12		.1890	2-1/4	1-3/16	—	C23548
	4.80	.1890	62	26	—	C23911
11		.1910	2-1/4	1-3/16	—	C23549
	4.90	.1929	62	26	—	C23912
10		.1935	2-1/4	1-3/16	—	C23550
9		.1960	2-1/4	1-3/16	—	C23551
	5.00	.1969	62	26	—	C23913
8		.1990	2-1/4	1-3/16	—	C23552

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drill diameter		decimal equivalent	overall length	flute length	order number	
frac/wire/let	mm				1621 Black Oxide	1896 Black Oxide
	5.10	.2008	62	26	—	C23914
7		.2010	2-1/4	1-3/16	—	C23553
13/64		.2031	2-1/4	1-3/16	C68500	C23469
6		.2040	2-3/8	1-1/4	—	C23554
	5.20	.2047	62	26	—	C23915
5		.2055	2-3/8	1-1/4	—	C23555
	5.30	.2087	62	26	—	C23916
4		.2090	2-3/8	1-1/4	—	C23556
3		.2130	2-3/8	1-1/4	—	C23557
	5.50	.2165	66	28	—	C23917
7/32		.2188	2-3/8	1-1/4	C68501	C23470
	5.60	.2205	66	28	—	C23918
2		.2210	2-7/16	1-5/16	—	C23558
	5.70	.2244	66	28	—	C23919
1		.2280	2-7/16	1-5/16	—	C23559
	5.80	.2283	66	28	—	C24058
A		.2340	2-7/16	1-5/16	—	C24060
15/64		.2344	2-7/16	1-5/16	C68502	C23471
	6.00	.2362	66	28	—	C23920
B		.2380	2-1/2	1-3/8	—	C24061
	6.10	.2402	70	31	—	C23921
C		.2420	2-1/2	1-3/8	—	C24062
D		.2460	2-1/2	1-3/8	—	C24063
	6.30	.2480	70	31	—	C23922
1/4-E		.2500	2-1/2	1-3/8	C68503	C23472
	6.50	.2559	70	31	—	C23923
F		.2570	2-5/8	1-7/16	—	C24064
	6.60	.2598	70	31	—	C23924
G		.2610	2-5/8	1-7/16	—	C24065
17/64		.2656	2-5/8	1-7/16	C68504	C23473
H		.2660	2-11/16	1-1/2	—	C24066
	6.80	.2677	74	34	—	C23925
	6.90	.2717	74	34	—	C23926
I		.2720	2-11/16	1-1/2	—	C24067
	7.00	.2756	74	34	—	C23927
J		.2770	2-11/16	1-1/2	—	C24068
K		.2810	2-11/16	1-1/2	—	C24069
9/32		.2812	2-11/16	1-1/2	C68505	C23474
	7.20	.2835	74	34	—	C23928
	7.30	.2874	74	34	—	C23929
L		.2900	2-3/4	1-9/16	—	C24070
M		.2950	2-3/4	1-9/16	—	C24071
	7.50	.2953	74	34	—	C23930
19/64		.2969	2-3/4	1-9/16	C68506	C23475
N		.3020	2-13/16	1-5/8	—	C24072
5/16		.3125	2-13/16	1-5/8	C68507	C23476
	8.00	.3150	79	37	—	C23931
O		.3160	2-15/16	1-11/16	—	C24073
P		.3230	2-15/16	1-11/16	—	C24074
21/64		.3281	2-15/16	1-11/16	C68508	C23477
Q		.3320	3	1-11/16	—	C24075

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drill diameter frac/wire/let	mm	decimal equivalent	overall length	flute length	order number	
					<b>1621</b> Black Oxide	<b>1896</b> Black Oxide
	8.50	.3346	79	37	—	C23932
R		.3390	3	1-11/16	—	C24076
11/32		.3438	3	1-11/16	C68509	C23478
S		.3480	3-1/16	1-3/4	—	C24077
	9.00	.3543	84	40	—	C23933
T		.3580	3-1/16	1-3/4	—	C24078
23/64		.3594	3-1/16	1-3/4	C68510	C23479
U		.3680	3-1/8	1-13/16	—	C24079
	9.50	.3740	84	40	—	C23934
3/8		.3750	3-1/8	1-13/16	C68511	C23480
V		.3770	3-1/4	1-7/8	—	C24080
W		.3860	3-1/4	1-7/8	—	C24081
25/64		.3906	3-1/4	1-7/8	C68512	C23481
	10.00	.3937	89	43	—	C23935
X		.3970	3-5/16	1-15/16	—	C24082
	10.20	.4016	89	43	—	C23936
Y		.4040	3-5/16	1-15/16	—	C24083
13/32		.4062	3-5/16	1-15/16	C68513	C23482
Z		.4130	3-3/8	2	—	
	10.50	.4134	89	43	—	C23937
27/64		.4219	3-3/8	2	C68514	C23483
	11.00	.4331	95	47	—	C23938
7/16		.4375	3-7/16	2-1/16	C68515	C23484
	11.50	.4528	95	47	—	C23939
29/64		.4531	3-9/16	2-1/8	C68516	C23485
15/32		.4688	3-5/8	2-1/8	C68517	C23486
	12.00	.4724	102	51	—	C23940
	12.20	.4803	102	51	—	C23941
31/64		.4844	3-11/16	2-3/16	C68518	C23487
	12.50	.4921	102	51	—	C23942
1/2		.5000	3-3/4	2-1/4	C68519	C23488
	13.00	.5118	102	51	—	C23943
	13.50	.5315	107	54	—	C23964
	14.00	.5512	107	54	—	C23965
	14.50	.5709	111	56	—	C23966
	15.00	.5906	111	56	—	C23967
	16.00	.6299	115	58	—	C23969
	17.00	.6693	119	60	—	C23971

SET

Style: **1896**

Screw Machine Length  
- Sets Heavy Duty

Metal Case



60-Piece Set  
Black Oxide  
#C21947

drill sizes	no. of pieces	order number
		<b>1896</b> Black Oxide
1/16"– 1/2" x 1/64"	29	C21133
#1 – #60	60	C21947