

## General Purpose

Style: **2120**

Screw Machine Length

High Speed Steel

**Note**

\* 1-1/16" through 1-1/4" drills have 1" diameter reduced shank.

Operating parameters: See Technical section

ASME  
B94.11M

HSS

118°

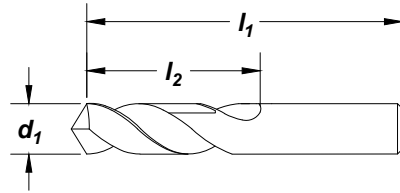
Helix  
Regular  
21° to 34°

Straight  
Shank

\*  
Reduced  
Shank

Surface  
Treatment

Bright



**Feature:**

Short length design for improved accuracy and rigidity.

drill diameter <b>d<sub>1</sub></b> fraction wire/let	decimal equiv.	overall length <b>l<sub>1</sub></b> (in)	flute length <b>l<sub>2</sub></b> (in)	order no. <b>2120</b>
60	.0400	1.375	.500	C04356
59	.0410	1.375	.500	C04357
58	.0420	1.375	.500	C04359
57	.0430	1.375	.500	C04360
56	.0465	1.375	.500	C04363
3/64	.0469	1.375	.500	C04364
55	.0520	1.625	.625	C04368
54	.0550	1.625	.625	C04370
53	.0595	1.625	.625	C04374
1/16	.0625	1.625	.625	C04376
52	.0635	1.688	.688	C04378
51	.0670	1.688	.688	C04381
50	.0700	1.688	.688	C04383
49	.0730	1.688	.688	C04386
48	.0760	1.688	.688	C04388
5/64	.0781	1.688	.688	C04390
47	.0785	1.750	.750	C04391
46	.0810	1.750	.750	C04394
45	.0820	1.750	.750	C04395
44	.0860	1.750	.750	C04398
43	.0890	1.750	.750	C04401
42	.0935	1.750	.750	C04404
3/32	.0938	1.750	.750	C04405
41	.0960	1.813	.813	C04407
40	.0980	1.813	.813	C04409
39	.0995	1.813	.813	C04411
38	.1015	1.813	.813	C04412
37	.1040	1.813	.813	C04414
36	.1065	1.813	.813	C04416
7/64	.1094	1.813	.813	C04418
35	.1100	1.875	.875	C04419
34	.1110	1.875	.875	C04421
33	.1130	1.875	.875	C04422
32	.1160	1.875	.875	C04424
31	.1200	1.875	.875	C04426
1/8	.1250	1.875	.875	C04428
30	.1285	1.938	.938	C04431
29	.1360	1.938	.938	C04434
28	.1405	1.938	.938	C04436
9/64	.1406	1.938	.938	C04437

drill diameter <b>d<sub>1</sub></b> fraction wire/let	decimal equiv.	overall length <b>l<sub>1</sub></b> (in)	flute length <b>l<sub>2</sub></b> (in)	order no. <b>2120</b>
27	.1440	2.063	1.000	C04439
26	.1470	2.063	1.000	C04441
25	.1495	2.063	1.000	C04443
24	.1520	2.063	1.000	C04445
23	.1540	2.063	1.000	C04447
5/32	.1562	2.063	1.000	C04448
22	.1570	2.125	1.063	C04449
21	.1590	2.125	1.063	C04451
20	.1610	2.125	1.063	C04452
19	.1660	2.125	1.063	C04455
18	.1695	2.125	1.063	C04458
11/64	.1719	2.125	1.063	C04459
17	.1730	2.188	1.125	C04460
16	.1770	2.188	1.125	C04462
15	.1800	2.188	1.125	C04464
14	.1820	2.188	1.125	C04466
13	.1850	2.188	1.125	C04467
3/16	.1875	2.188	1.125	C04470
12	.1890	2.250	1.188	C04471
11	.1910	2.250	1.188	C04473
10	.1935	2.250	1.188	C04475
9	.1960	2.250	1.188	C04476
8	.1990	2.250	1.188	C04478
7	.2010	2.250	1.188	C04480
13/64	.2031	2.250	1.188	C04481
6	.2040	2.375	1.250	C04482
5	.2055	2.375	1.250	C04484
4	.2090	2.375	1.250	C04487
3	.2130	2.375	1.250	C04489
7/32	.2188	2.375	1.250	C04491
2	.2210	2.438	1.313	C04493
1	.2280	2.438	1.313	C04496
A	.2340	2.438	1.313	C04499
15/64	.2344	2.438	1.313	C04500
B	.2380	2.500	1.375	C04502
C	.2420	2.500	1.375	C04504
D	.2460	2.500	1.375	C04506
1/4	.2500	2.500	1.375	C04509
F	.2570	2.625	1.438	C04513
G	.2610	2.625	1.438	C04515

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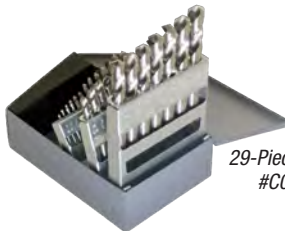
**Style: 2120 (continued)**
**General Purpose**

drill diameter d <sub>1</sub>	decimal equiv.	overall length l <sub>1</sub> (in)	flute length l <sub>2</sub> (in)	order no. <b>2120</b>
17/64	.2656	2.625	1.438	C04517
H	.2660	2.688	1.500	C04519
I	.2720	2.688	1.500	C04522
J	.2770	2.688	1.500	C04524
K	.2810	2.688	1.500	C04526
9/32	.2812	2.688	1.500	C04531
L	.2900	2.750	1.563	C04530
M	.2950	2.750	1.563	C04533
19/64	.2969	2.750	1.563	C04535
N	.3020	2.813	1.625	C04537
5/16	.3125	2.813	1.625	C04542
O	.3160	2.938	1.688	C04544
P	.3230	2.938	1.688	C04547
21/64	.3281	2.938	1.688	C04550
Q	.3320	3.000	1.688	C04552
R	.3390	3.000	1.688	C04555
11/32	.3438	3.000	1.688	C04557
S	.3480	3.063	1.750	C04560
T	.3580	3.063	1.750	C04563
23/64	.3594	3.063	1.750	C04565
U	.3680	3.125	1.813	C04569
3/8	.3750	3.125	1.813	C04572
V	.3770	3.250	1.875	C04573
W	.3860	3.250	1.875	C04578
25/64	.3906	3.250	1.875	C04580
X	.3970	3.313	1.938	C04582
Y	.4040	3.313	1.938	C04584
13/32	.4062	3.313	1.938	C04585
Z	.4130	3.375	2.000	C04586
27/64	.4219	3.375	2.000	C04588
7/16	.4375	3.438	2.063	C04591
29/64	.4531	3.563	2.125	C04594
15/32	.4688	3.625	2.125	C04596
31/64	.4844	3.688	2.188	C04599
1/2	.5000	3.750	2.250	C04601
33/64	.5156	3.875	2.375	C04604

drill diameter d <sub>1</sub>	decimal equiv.	overall length l <sub>1</sub> (in)	flute length l <sub>2</sub> (in)	order no. <b>2120</b>
17/32	.5312	3.875	2.375	C04606
35/64	.5469	4.000	2.500	C04609
9/16	.5625	4.000	2.500	C04612
37/64	.5781	4.125	2.625	C04614
19/32	.5938	4.125	2.625	C04617
39/64	.6094	4.250	2.750	C04619
5/8	.6250	4.250	2.750	C04622
41/64	.6406	4.500	2.875	C04625
21/32	.6562	4.500	2.875	C04627
43/64	.6719	4.625	2.875	C04630
11/16	.6875	4.625	2.875	C04632
45/64	.7031	4.750	3.000	C04634
23/32	.7188	4.750	3.000	C04636
47/64	.7344	5.000	3.125	C04638
3/4	.7500	5.000	3.125	C04640
49/64	.7656	5.125	3.250	C04641
25/32	.7812	5.125	3.250	C04643
51/64	.7969	5.250	3.375	C04645
13/16	.8125	5.250	3.375	C04647
53/64	.8281	5.375	3.500	C04649
27/32	.8438	5.375	3.500	C04650
55/64	.8594	5.500	3.500	C04652
7/8	.8750	5.500	3.500	C04654
57/64	.8906	5.625	3.625	C04656
29/32	.9062	5.625	3.625	C04658
59/64	.9219	5.750	3.750	C04659
15/16	.9375	5.750	3.750	C04661
61/64	.9531	5.875	3.875	C04663
31/32	.9688	5.875	3.875	C04665
63/64	.9844	6.000	4.000	C04667
1	1.0000	6.000	4.000	C04668
1-1/16*	1.0625	6.250	4.000	C04675
1-1/8*	1.1250	6.375	4.000	C04683
1-3/16*	1.1875	6.625	4.250	C04690
1-1/4*	1.2500	6.750	4.375	C04697

\* 1-1/16" through 1-1/4" drills have 1" shank.

Screw Machine Length  
High Speed Steel

**SET**
**Style: 2120**
**General Purpose**


29-Piece Set  
#C00980

no. of pieces	surface treatment	size range	order number <b>2120</b>
29	Bright	1/16" through 1/2" x 1/64"	C00980
26	Bright	letter A through Z	C01332

Material Reference	Steel (HRC)		Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon	Alloy	Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32	
Bright	☆		☆					☆			

☆ = Best Performance      ◆ = Acceptable