

Drills

Taper Length

General Purpose Style 120

Features/Benefits:

- General-purpose geometry for drilling in a wide range of operating conditions and materials.
- Taper length provides longer overall length and flute length for deeper drilling.
- Peck cycles may be appropriate for deep-hole drilling.
- Manufactured from premium high-speed steel.
- 118° point.
- Black oxide standard from stock; bright drills and alternate coatings available as stock modifications.

Application Information:

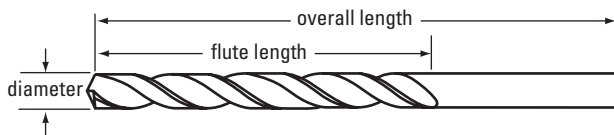
- carbon steel
- alloy steel
- cast iron

Surface Treatment Information:

- Black oxide finish provides increased wear resistance and added lubricity



Style 120 Black Oxide



INCH SIZES

Fract	Wire/Let	Drill Diameter		Overall Length		Flute Length		Style 120 Black Oxide
		Decimal	mm	Inch	mm	Inch	mm	
	80	.0135	0.34	1.5000	38.10	.3125	7.94	50370
	79	.0145	0.37	1.5000	38.10	.3125	7.94	50369
1/64		.0156	0.40	1.5000	38.10	.3125	7.94	49701
	78	.0160	0.41	1.5000	38.10	.3125	7.94	50368
	77	.0180	0.46	1.5000	38.10	.3125	7.94	50367
	76	.0200	0.51	1.5000	38.10	.3125	7.94	50366
	75	.0210	0.53	1.5000	38.10	.3125	7.94	50365
	74	.0225	0.57	1.5000	38.10	.3125	7.94	50364
	73	.0240	0.61	1.5000	38.10	.3125	7.94	50363
	72	.0250	0.64	1.5000	38.10	.3125	7.94	50362
	71	.0260	0.66	2.0000	50.80	.7500	19.05	50361
	70	.0280	0.71	2.0000	50.80	.7500	19.05	50360
	69	.0292	0.74	2.0000	50.80	.7500	19.05	50359
	68	.0310	0.79	2.0000	50.80	.7500	19.05	50358
1/32		.0312	0.79	2.0000	50.80	.7500	19.05	49702
	67	.0320	0.81	2.0000	50.80	.7500	19.05	50357
	66	.0330	0.84	2.0000	50.80	.7500	19.05	50356
	65	.0350	0.89	2.0000	50.80	.7500	19.05	50355
	64	.0360	0.91	2.0000	50.80	.7500	19.05	50354
	63	.0370	0.94	2.0000	50.80	.7500	19.05	50353
	62	.0380	0.97	2.0000	50.80	.7500	19.05	50352
	61	.0390	0.99	2.2500	57.15	1.1250	28.58	50351
	60	.0400	1.02	2.2500	57.15	1.1250	28.58	50350
	59	.0410	1.04	2.2500	57.15	1.1250	28.58	50349

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**General Purpose (continued)
Style 120**

INCH SIZES

Fract	Drill Diameter		Overall Length		Flute Length		Style 120 Black Oxide	
	Wire/Let	Decimal	mm	Inch	mm	Inch		mm
	58	.0420	1.07	2.2500	57.15	1.1250	28.58	50348
	57	.0430	1.09	2.2500	57.15	1.1250	28.58	50347
	56	.0465	1.18	2.2500	57.15	1.1250	28.58	50346
3/64		.0469	1.19	2.2500	57.15	1.1250	28.58	49703
	55	.0520	1.32	3.0000	76.20	1.7500	44.45	50345
	54	.0550	1.40	3.0000	76.20	1.7500	44.45	50344
	53	.0595	1.51	3.0000	76.20	1.7500	44.45	50343
1/16		.0625	1.59	3.0000	76.20	1.7500	44.45	49704
	52	.0635	1.61	3.7500	95.25	2.0000	50.80	50342
	51	.0670	1.70	3.7500	95.25	2.0000	50.80	50341
	50	.0700	1.78	3.7500	95.25	2.0000	50.80	50340
	49	.0730	1.85	3.7500	95.25	2.0000	50.80	50339
	48	.0760	1.93	3.7500	95.25	2.0000	50.80	50338
5/64		.0781	1.98	3.7500	95.25	2.0000	50.80	49705
	47	.0785	1.99	4.2500	107.95	2.2500	57.15	50337
	46	.0810	2.06	4.2500	107.95	2.2500	57.15	50336
	45	.0820	2.08	4.2500	107.95	2.2500	57.15	50335
	44	.0860	2.18	4.2500	107.95	2.2500	57.15	50334
	43	.0890	2.26	4.2500	107.95	2.2500	57.15	50333
	42	.0935	2.37	4.2500	107.95	2.2500	57.15	50332
3/32		.0938	2.38	4.2500	107.95	2.2500	57.15	49706
	41	.0960	2.44	4.6250	117.48	2.5000	63.50	50331
	40	.0980	2.49	4.6250	117.48	2.5000	63.50	50330
	39	.0995	2.53	4.6250	117.48	2.5000	63.50	50329
	38	.1015	2.58	4.6250	117.48	2.5000	63.50	50328
	37	.1040	2.64	4.6250	117.48	2.5000	63.50	50327
	36	.1065	2.71	4.6250	117.48	2.5000	63.50	50326
7/64		.1094	2.78	4.6250	117.48	2.5000	63.50	49707
	35	.1100	2.79	5.1250	130.18	2.7500	69.85	50325
	34	.1110	2.82	5.1250	130.18	2.7500	69.85	50324
	33	.1130	2.87	5.1250	130.18	2.7500	69.85	50323
	32	.1160	2.95	5.1250	130.18	2.7500	69.85	50322
	31	.1200	3.05	5.1250	130.18	2.7500	69.85	50321
1/8		.1250	3.18	5.1250	130.18	2.7500	69.85	49708
	30	.1285	3.26	5.3750	136.53	3.0000	76.20	50320
	29	.1360	3.45	5.3750	136.53	3.0000	76.20	50319
	28	.1405	3.57	5.3750	136.53	3.0000	76.20	50318
9/64		.1406	3.57	5.3750	136.53	3.0000	76.20	49709
	27	.1440	3.66	5.3750	136.53	3.0000	76.20	50317
	26	.1470	3.73	5.3750	136.53	3.0000	76.20	50316
	25	.1495	3.80	5.3750	136.53	3.0000	76.20	50315
	24	.1520	3.86	5.3750	136.53	3.0000	76.20	50314
	23	.1540	3.91	5.3750	136.53	3.0000	76.20	50313
5/32		.1562	3.97	5.3750	136.53	3.0000	76.20	49710
	22	.1570	3.99	5.7500	146.05	3.3750	85.73	50312
	21	.1590	4.04	5.7500	146.05	3.3750	85.73	50311
	20	.1610	4.09	5.7500	146.05	3.3750	85.73	50310
	19	.1660	4.22	5.7500	146.05	3.3750	85.73	50309
	18	.1695	4.31	5.7500	146.05	3.3750	85.73	50308
11/64		.1719	4.37	5.7500	146.05	3.3750	85.73	49711
	17	.1730	4.39	5.7500	146.05	3.3750	85.73	50307

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Drills

Taper Length

General Purpose (continued) Style 120

INCH SIZES

Fract	Drill Diameter		Overall Length		Flute Length		Style 120 Black Oxide	
	Wire/Let	Decimal	mm	Inch	mm	Inch		mm
	16	.1770	4.50	5.7500	146.05	3.3750	85.73	50306
	15	.1800	4.57	5.7500	146.05	3.3750	85.73	50305
	14	.1820	4.62	5.7500	146.05	3.3750	85.73	50304
	13	.1850	4.70	5.7500	146.05	3.3750	85.73	50303
3/16		.1875	4.76	5.7500	146.05	3.3750	85.73	49712
	12	.1890	4.80	6.0000	152.40	3.6250	92.08	50302
	11	.1910	4.85	6.0000	152.40	3.6250	92.08	50301
	10	.1935	4.91	6.0000	152.40	3.6250	92.08	50300
	9	.1960	4.98	6.0000	152.40	3.6250	92.08	50299
	8	.1990	5.05	6.0000	152.40	3.6250	92.08	50298
	7	.2010	5.11	6.0000	152.40	3.6250	92.08	50297
13/64		.2031	5.16	6.0000	152.40	3.6250	92.08	49713
	6	.2040	5.18	6.0000	152.40	3.6250	92.08	50296
	5	.2055	5.22	6.0000	152.40	3.6250	92.08	50295
	4	.2090	5.31	6.0000	152.40	3.6250	92.08	50294
	3	.2130	5.41	6.0000	152.40	3.6250	92.08	50293
7/32		.2188	5.56	6.0000	152.40	3.6250	92.08	49714
	2	.2210	5.61	6.1250	155.58	3.7500	95.25	50292
	1	.2280	5.79	6.1250	155.58	3.7500	95.25	50291
	A	.2340	5.94	6.1250	155.58	3.7500	95.25	50401
15/64		.2344	5.95	6.1250	155.58	3.7500	95.25	49715
	B	.2380	6.05	6.1250	155.58	3.7500	95.25	50402
	C	.2420	6.15	6.1250	155.58	3.7500	95.25	50403
	D	.2460	6.25	6.1250	155.58	3.7500	95.25	50404
1/4		.2500	6.35	6.1250	155.58	3.7500	95.25	49716
	F	.2570	6.53	6.1250	155.58	3.7500	95.25	50406
	G	.2610	6.63	6.1250	155.58	3.7500	95.25	50407
17/64		.2656	6.75	6.2500	158.75	3.8750	98.43	49717
	H	.2660	6.76	6.2500	158.75	3.8750	98.43	50408
	I	.2720	6.91	6.2500	158.75	3.8750	98.43	50409
	J	.2770	7.04	6.2500	158.75	3.8750	98.43	50410
	K	.2812	7.14	6.2500	158.75	3.8750	98.43	50411
9/32		.2812	7.14	6.2500	158.75	3.8750	98.43	49718
	L	.2900	7.37	6.2500	158.75	3.8750	98.43	50412
	M	.2950	7.49	6.3750	161.93	4.0000	101.60	50413
19/64		.2969	7.54	6.3750	161.93	4.0000	101.60	49719
	N	.3020	7.67	6.3750	161.93	4.0000	101.60	50414
5/16		.3125	7.94	6.3750	161.93	4.0000	101.60	49720
	O	.3160	8.03	6.3750	161.93	4.0000	101.60	50415
	P	.3230	8.20	6.3750	161.93	4.0000	101.60	50416
21/64		.3281	8.33	6.5000	165.10	4.1250	104.78	49721
	Q	.3320	8.43	6.5000	165.10	4.1250	104.78	50417
	R	.3390	8.61	6.5000	165.10	4.1250	104.78	50418
11/32		.3438	8.73	6.5000	165.10	4.1250	104.78	49722
	S	.3480	8.84	6.7500	171.45	4.2500	107.95	50419
	T	.3580	9.09	6.7500	171.45	4.2500	107.95	50420
23/64		.3594	9.13	6.7500	171.45	4.2500	107.95	49723
	U	.3680	9.35	6.7500	171.45	4.2500	107.95	50421
3/8		.3750	9.53	6.7500	171.45	4.2500	107.95	49724
	V	.3770	9.58	6.7500	171.45	4.2500	107.95	50422
	W	.3860	9.80	6.7500	171.45	4.2500	107.95	50423

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