

Taper Length Drills-Black Oxide

**High Speed Steel, 118° Point,
Right Hand**

- Designed for general purpose drilling where a length longer than jobber drill length is required.
- Performs very well in a wide range of materials.
- 118° standard point.
- Shank diameter is the same as drill diameter.



Fractional Sizes

Size	Flute Length	OAL	Milled Order No.	Ground Order No.
1/64"	5/16"	1-1/2"	310-6001	310-2001
1/32	3/4	2	310-6002	310-2002
3/64	1-1/8	2-1/4	310-6003	310-2003
1/16	1-3/4	3	310-6004	310-2004
5/64	2	3-3/4	310-6005	310-2005
3/32	2-1/4	4-1/4	310-6006	310-2006
7/64	2-1/2	4-5/8	310-6007	310-2007
1/8	2-3/4	5-1/8	310-6008	310-2008
9/64	3	5-3/8	310-6009	310-2009
5/32	3	5-3/8	310-6010	310-2010
11/64	3-3/8	5-3/4	310-6011	310-2011
3/16	3-3/8	5-3/4	310-6012	310-2012
13/64	3-5/8	6	310-6013	310-2013
7/32	3-5/8	6	310-6014	310-2014
15/64	3-3/4	6-1/8	310-6015	310-2015
1/4	3-3/4	6-1/8	310-6016	310-2016
17/64	3-7/8	6-1/4	310-6017	310-2017
9/32	3-7/8	6-1/4	310-6018	310-2018
19/64	4	6-3/8	310-6019	310-2019
5/16	4	6-3/8	310-6020	310-2020
21/64	4-1/8	6-1/2	310-6021	310-2021
11/32	4-1/8	6-1/2	310-6022	310-2022
23/64	4-1/4	6-3/4	310-6023	310-2023
3/8	4-1/4	6-3/4	310-6024	310-2024
25/64	4-3/8	7	310-6025	310-2025
13/32	4-3/8	7	310-6026	310-2026
27/64	4-5/8	7-1/4	310-6027	310-2027
7/16	4-5/8	7-1/4	310-6028	310-2028
29/64	4-3/4	7-1/2	310-6029	310-2029
15/32	4-3/4	7-1/2	310-6030	310-2030
31/64	4-3/4	7-3/4	310-6031	310-2031
1/2"	4-3/4	7-3/4	310-6032	310-2032
33/64	4-3/4	8	310-6033	310-2033
17/32	4-3/4	8	310-6034	310-2034
35/64	4-7/8	8-1/4	310-6035	310-2035
9/16	4-7/8	8-1/4	310-6036	310-2036
37/64	4-7/8	8-3/4	310-6037	310-2037
19/32	4-7/8	8-3/4	310-6038	310-2038
39/64	4-7/8	8-3/4	310-6039	310-2039
5/8	4-7/8	8-3/4	310-6040	310-2040
41/64	5-1/8	9	310-6041	310-2041
21/32	5-1/8	9	310-6042	310-2042
43/64	5-3/8	9-1/4	310-6043	310-2043
11/16	5-3/8	9-1/4	310-6044	310-2044
45/64	5-5/8	9-1/2	310-6045	310-2045
23/32	5-5/8	9-1/2	310-6046	310-2046
47/64	5-7/8	9-3/4	310-6047	310-2047

Size	Flute Length	OAL	Milled Order No.	Ground Order No.
3/4	5-7/8	9-3/4	310-6048	310-2048
49/64	6	9-7/8	310-6049	310-2049
25/32	6	9-7/8	310-6050	310-2050
51/64	6-1/8"	10	310-6051	310-2051
13/16	6-1/8	10	310-6052	310-2052
53/64	6-1/8	10	310-6053	310-2053
27/32	6-1/8	10	310-6054	310-2054
55/64	6-1/8	10	310-6055	310-2055
7/8	6-1/8	10	310-6056	310-2056
57/64	6-1/8	10	310-6057	310-2057
29/32	6-1/8	10	310-6058	310-2058
59/64	6-1/8	10-3/4	310-6059	310-2059
15/16	6-1/8	10-3/4	310-6060	310-2060
61/64	6-3/8	11	310-6061	310-2061
31/32	6-3/8	11	310-6062	310-2062
63/64"	6-3/8	11	310-6063	310-2063
1	6-3/8	11	310-6064	310-2064
1-1/32	6-1/2	11-1/8	310-6102	310-2102
1-3/64	6-5/8	11-1/4	310-6103	310-2103
1-1/16	6-5/8	11-1/4	310-6104	310-2104
1-5/64	6-7/8	11-1/2	310-6105	310-2105
1-3/32	6-7/8	11-1/2	310-6106	310-2106
1-1/8	7-1/8	11-3/4	310-6108	310-2108
1-5/32	7-1/4	11-7/8	310-6110	310-2110
1-11/64	7-3/8	12	310-6111	310-2111
1-3/16	7-3/8	12	310-6112	310-2112
1-13/64	7-1/2	12-1/8	310-6113	310-2113
1-7/32	7-1/2	12-1/8	310-6114	310-2114
1-1/4	7-7/8	12-1/2	310-6116	310-2116
1-9/32	8-1/2	14-1/8	310-6118	310-2118
1-5/16	8-5/8	14-1/4	310-6120	310-2120
1-11/32	8-3/4	14-3/8	310-6122	310-2122
1-3/8	8-7/8	14-1/2	310-6124	310-2124
1-13/32	9	14-5/8	310-6126	310-2126
1-7/16	9-1/8	14-3/4	310-6128	310-2128
1-15/32	9-1/4	14-7/8	310-6130	310-2130
1-1/2	9-3/8	15	310-6132	310-2132
1-9/16	9-5/8	15-1/4	310-6136	310-2136
1-5/8	9-7/8	15-5/8	310-6140	310-2140
1-21/32	9-7/8	15-5/8	310-6142	310-2142
1-11/16	10	15-3/8	310-6144	310-2144
1-3/4	10-1/2	16-1/4	310-6148	310-2148
1-13/16	10-1/2	16-1/4	310-6152	310-2152
1-7/8	10-3/4	16-1/2	310-6156	310-2156
1-15/16	10-3/4	16-5/8	310-6160	310-2160
2	10-3/4	16-5/8	310-6164	310-2164



Taper Length Drills

Taper Length Drills-Black Oxide Continued

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Right Hand

- Designed for general purpose drilling where a length longer than jobber drill length is required.
- Performs very well in a wide range of materials.
- 118° standard point.
- Shank diameter is the same as drill diameter.



Number Sizes

Size	Flute Length	OAL	Milled Order No.	Ground Order No.
#1	3-3/4"	6-1/8"	310-6401	310-2401
#2	3-3/4	6-1/8	310-6402	310-2402
#3	3-5/8	6	310-6403	310-2403
#4	3-5/8	6	310-6404	310-2404
#5	3-5/8	6	310-6405	310-2405
#6	3-5/8	6	310-6406	310-2406
#7	3-5/8	6	310-6407	310-2407
#8	3-5/8	6	310-6408	310-2408
#9	3-5/8	6	310-6409	310-2409
#10	3-5/8	6	310-6410	310-2410
#11	3-5/8	6	310-6411	310-2411
#12	3-5/8	6	310-6412	310-2412
#13	3-3/8	5-3/4	310-6413	310-2413
#14	3-3/8	5-3/4	310-6414	310-2414
#15	3-3/8	5-3/4	310-6415	310-2415
#16	3-3/8	5-3/4	310-6416	310-2416
#17	3-3/8	5-3/4	310-6417	310-2417
#18	3-3/8	5-3/4	310-6418	310-2418
#19	3-3/8	5-3/4	310-6419	310-2419
#20	3-3/8	5-3/4	310-6420	310-2420
#21	3-3/8	5-3/4	310-6421	310-2421
#22	3-3/8	5-3/4	310-6422	310-2422
#23	3	5-3/8	310-6423	310-2423
#24	3	5-3/8	310-6424	310-2424
#25	3	5-3/8	310-6425	310-2425
#26	3	5-3/8	310-6426	310-2426
#27	3	5-3/8	310-6427	310-2427
#28	3	5-3/8	310-6428	310-2428
#29	3	5-3/8	310-6429	310-2429
#30	3	5-3/8	310-6430	310-2430
#31	2-3/4	5-1/8	310-6431	310-2431
#32	2-3/4	5-1/8	310-6432	310-2432
#33	2-3/4	5-1/8	310-6433	310-2433
#34	2-3/4	5-1/8	310-6434	310-2434
#35	2-3/4	5-1/8	310-6435	310-2435
#36	2-1/2	4-5/8	310-6436	310-2436
#37	2-1/2	4-5/8	310-6437	310-2437
#38	2-1/2	4-5/8	310-6438	310-2438
#39	2-1/2	4-5/8	310-6439	310-2439
#40	2-1/2	4-5/8	310-6440	310-2440
#41	2-1/2	4-5/8	310-6441	310-2441
#42	2-1/4	4-1/4	310-6442	310-2442
#43	2-1/4	4-1/4	310-6443	310-2443
#44	2-1/4	4-1/4	310-6444	310-2444
#45	2-1/4	4-1/4	310-6445	310-2445
#46	2-1/4	4-1/4	310-6446	310-2446

Size	Flute Length	OAL	Milled Order No.	Ground Order No.
#47	2-1/4	4-1/4	310-6447	310-2447
#48	2	3-3/4	310-6448	310-2448
#49	2	3-3/4	310-6449	310-2449
#50	2	3-3/4	310-6450	310-2450
#51	2	3-3/4	310-6451	310-2451
#52	2	3-3/4	310-6452	310-2452
#53	1-3/4	3	310-6453	310-2453
#54	1-3/4	3	310-6454	310-2454
#55	1-3/4	3	310-6455	310-2455
#56	1-1/8	2-1/4	310-6456	310-2456
#57	1-1/8	2-1/4	310-6457	310-2457
#58	1-1/8	2-1/4	310-6458	310-2458
#59	1-1/8	2-1/4	310-6459	310-2459
#60	1-1/8	2-1/4	310-6460	310-2460

Letter Sizes

Size	Flute Length	OAL	Milled Order No.	Ground Order No.
A	3-3/4"	6-1/8"	310-6301	310-2301
B	3-3/4	6-1/8	310-6302	310-2302
C	3-3/4	6-1/8	310-6303	310-2303
D	3-3/4	6-1/8	310-6304	310-2304
E	3-3/4	6-1/8	310-6305	310-2305
F	3-7/8	6-1/4	310-6306	310-2306
G	3-7/8	6-1/4	310-6307	310-2307
H	3-7/8	6-1/4	310-6308	310-2308
I	3-7/8	6-1/4	310-6309	310-2309
J	3-7/8	6-1/4	310-6310	310-2310
K	3-7/8	6-1/4	310-6311	310-2311
L	4	6-3/8	310-6312	310-2312
M	4	6-3/8	310-6313	310-2313
N	4	6-3/8	310-6314	310-2314
O	4-1/8	6-1/2	310-6315	310-2315
P	4-1/8	6-1/2	310-6316	310-2316
Q	4-1/8	6-1/2	310-6317	310-2317
R	4-1/8	6-1/2	310-6318	310-2318
S	4-1/4	6-3/4	310-6319	310-2319
T	4-1/4	6-3/4	310-6320	310-2320
U	4-1/4	6-3/4	310-6321	310-2321
V	4-3/8	7	310-6322	310-2322
W	4-3/8	7	310-6323	310-2323
X	4-3/8	7	310-6324	310-2324
Y	4-3/8	7	310-6325	310-2325
Z	4-5/8	7-1/4	310-6326	310-2326

Fast Spiral Taper Length Drills

High Speed Steel, 118° Point, Right Hand, Ground

- Designed for drilling deeper holes.
- The high helix angle and wide flute improve ejection of chip further.



Fractional Sizes

Flute Size	Flute Length	OAL	Order No.	Flute Size	Flute Length	OAL	Order No.
3/64"	1-1/8"	2-1/4"	310-5003	51/64"	6-1/8"	10"	310-5051
1/16	1-3/4	3	310-5004	13/16	6-1/8	10	310-5052
5/64	2	3-3/4	310-5005	53/64	6-1/8	10	310-5053
3/32	2-1/4	4-1/4	310-5006	27/32	6-1/8	10	310-5054
7/64	2-1/2	4-5/8	310-5007	55/64	6-1/8	10	310-5055
1/8	2-3/4	5-1/8	310-5008	7/8	6-1/8	10	310-5056
9/64	3	5-3/8	310-5009	57/64	6-1/8	10	310-5057
5/32	3	5-3/8	310-5010	29/32	6-1/8	10	310-5058
11/64	3-3/8	5-3/4	310-5011	59/64	6-1/8	10-3/4	310-5059
3/16	3-3/8	5-3/4	310-5012	15/16	6-1/8	10-3/4	310-5060
13/64	3-5/8	6	310-5013	61/64	6-3/8	11	310-5061
7/32	3-5/8	6	310-5014	31/32	6-3/8	11	310-5062
15/64	3-3/4	6-1/8	310-5015	63/64	6-3/8	11	310-5063
1/4	3-3/4	6-1/8	310-5016	1	6-3/8	11	310-5064
17/64	3-7/8	6-1/4	310-5017	1-1/64	6-1/2	11-1/8	310-5101
9/32	3-7/8	6-1/4	310-5018	1-1/32	6-1/2	11-1/8	310-5102
19/64	4	6-3/8	310-5019	1-3/64	6-5/8	11-1/4	310-5103
5/16	4	6-3/8	310-5020	1-1/16	6-5/8	11-1/4	310-5104
21/64	4-1/8	6-1/2	310-5021	1-5/64	6-7/8	11-1/2	310-5105
11/32	4-1/8	6-1/2	310-5022	1-3/32	6-7/8	11-1/2	310-5106
23/64	4-1/4	6-3/4	310-5023	1-7/64	7-1/8	11-3/4	310-5107
3/8	4-1/4	6-3/4	310-5024	1-1/8	7-1/8	11-3/4	310-5108
25/64	4-3/8	7	310-5025	1-9/64	7-1/4	11-7/8	310-5109
13/32	4-3/8	7	310-5026	1-5/32	7-1/4	11-7/8	310-5110
27/64	4-5/8	7-1/4	310-5027	1-11/64	7-3/8	12	310-5111
7/16	4-5/8	7-1/4	310-5028	1-3/16	7-3/8	12	310-5112
29/64	4-3/4	7-1/2	310-5029	1-13/64	7-1/2	12-1/8	310-5113
15/32	4-3/4	7-1/2	310-5030	1-7/32	7-1/2	12-1/8	310-5114
31/64	4-3/4	7-3/4	310-5031	1-15/64	7-7/8	12-1/2	310-5115
1/2	4-3/4	7-3/4	310-5032	1-1/4	7-7/8	12-1/2	310-5116
33/64	4-3/4	8	310-5033	1-17/64	8-1/2	14	310-5117
17/32	4-3/4	8	310-5034	1-9/32	8-1/2	14-1/8	310-5118
35/64	4-7/8	8-1/4	310-5035	1-5/16	8-5/8	14-1/4	310-5120
9/16	4-7/8	8-1/4	310-5036	1-11/32	8-3/4	14-3/8	310-5122
37/64	4-7/8	8-3/4	310-5037	1-3/8	8-7/8	14-1/2	310-5124
19/32	4-7/8	8-3/4	310-5038	1-13/32	9	14-5/8	310-5126
39/64	4-7/8	8-3/4	310-5039	1-7/16	9-1/8	14-3/4	310-5128
5/8	4-7/8	8-3/4	310-5040	1-15/32	9-1/4	14-7/8	310-5130
41/64	5-1/8	9	310-5041	1-1/2	9-3/8	15	310-5132
21/32	5-1/8	9	310-5042	1-35/64	9-5/8	14-3/4	310-5135
43/64	5-3/8	9-1/4	310-5043	1-9/16	9-5/8	15-1/4	310-5136
11/16	5-3/8	9-1/4	310-5044	1-5/8	9-7/8	15-5/8	310-5140
45/64	5-5/8	9-1/2	310-5045	1-21/32	9-7/8	15-3/4	310-5142
23/32	5-5/8	9-1/2	310-5046	1-11/16	10	15-3/4	310-5144
47/64	5-7/8	9-3/4	310-5047	1-3/4	10-1/2	16-1/4	310-5148
3/4	5-7/8	9-3/4	310-5048	1-13/16	10-1/2	16-1/4	310-5152
49/64	6	9-7/8	310-5049	1-7/8	10-3/4	16-1/2	310-5156
25/32	6	9-7/8	310-5050		10-3/4	16-5/8	310-5160

Letter Sizes

Flute Size	Flute Length	OAL	Order No.	Flute Size	Flute Length	OAL	Order No.
A	3-3/4"	6-1/8"	310-5301	N	4"	6-3/8"	310-5314
B	3-3/4	6-1/8	310-5302	O	4-1/8	6-1/2	310-5315
C	3-3/4	6-1/8	310-5303	P	4-1/8	6-1/2	310-5316
D	3-3/4	6-1/8	310-5304	Q	4-1/8	6-1/2	310-5317
E	3-3/4	6-1/8	310-5305	R	4-1/8	6-1/2	310-5318
F	3-7/8	6-1/4	310-5306	S	4-1/4	6-3/4	310-5319
G	3-7/8	6-1/4	310-5307	T	4-1/4	6-3/4	310-5320
H	3-7/8	6-1/4	310-5308	U	4-1/4	6-3/4	310-5321
I	3-7/8	6-1/4	310-5309	V	4-3/8	7	310-5322
J	3-7/8	6-1/4	310-5310	W	4-3/8	7	310-5323
K	3-7/8	6-1/4	310-5311	X	4-3/8	7	310-5324
L	4	6-3/8	310-5312	Y	4-3/8	7	310-5325
M	4	6-3/8	310-5313	Z	4-5/8	7-1/4	310-5326

Number Sizes

Flute Size	Flute Length	OAL	Order No.	Flute Size	Flute Length	OAL	Order No.
#1	3-3/4"	6-1/8"	310-5401	#31	2-3/4"	5-1/8"	310-5431
#2	3-3/4	6-1/8	310-5402	#32	2-3/4	5-1/8	310-5432
#3	3-5/8	6	310-5403	#33	2-3/4	5-1/8	310-5433
#4	3-5/8	6	310-5404	#34	2-3/4	5-1/8	310-5434
#5	3-5/8	6	310-5405	#35	2-3/4	5-1/8	310-5435
#6	3-5/8	6	310-5406	#36	2-1/2	4-5/8	310-5436
#7	3-5/8	6	310-5407	#37	2-1/2	4-5/8	310-5437
#8	3-5/8	6	310-5408	#38	2-1/2	4-5/8	310-5438
#9	3-5/8	6	310-5409	#39	2-1/2	4-5/8	310-5439
#10	3-5/8	6	310-5410	#40	2-1/2	4-5/8	310-5440
#11	3-5/8	6	310-5411	#41	2-1/2	4-5/8	310-5441
#12	3-5/8	6	310-5412	#42	2-1/4	4-1/4	310-5442
#13	3-3/8	5-3/4	310-5413	#43	2-1/4	4-1/4	310-5443
#14	3-3/8	5-3/4	310-5414	#44	2-1/4	4-1/4	310-5444
#15	3-3/8	5-3/4	310-5415	#45	2-1/4	4-1/4	310-5445
#16	3-3/8	5-3/4	310-5416	#46	2-1/4	4-1/4	310-5446
#17	3-3/8	5-3/4	310-5417	#47	2-1/4	4-1/4	310-5447
#18	3-3/8	5-3/4	310-5418	#48	2	3-3/4	310-5448
#19	3-3/8	5-3/4	310-5419	#49	2	3-3/4	310-5449
#20	3-3/8	5-3/4	310-5420	#50	2	3-3/4	310-5450
#21	3-3/8	5-3/4	310-5421	#51	2	3-3/4	310-5451
#22	3-3/8	5-3/4	310-5422	#52	2	3-3/4	310-5452
#23	3	5-3/8	310-5423	#53	1-3/4	3	310-5453
#24	3	5-3/8	310-5424	#54	1-3/4	3	310-5454
#25	3	5-3/8	310-5425	#55	1-3/4	3	310-5455
#26	3	5-3/8	310-5426	#56	1-1/8	2-1/4	310-5456
#27	3	5-3/8	310-5427	#57	1-1/8	2-1/4	310-5457
#28	3	5-3/8	310-5428	#58	1-1/8	2-1/4	310-5458
#29	3	5-3/8	310-5429	#59	1-1/8	2-1/4	310-5459
#30	3	-3/8	310-5430	#60	1-1/8	2-1/4	310-5460

135° Taper Length Drills

High Speed Steel, Right Hand, Ground

- 135° point is recommended for heavy duty applications, which drill stainless steel, hard steel, titanium etc.
- Designed for drilling deeper holes.



Number Sizes

Size	Flute Length	OAL	Order No.
#1	3-3/4"	6-1/8"	310-3401
#2	3-3/4	6-1/8	310-3402
#3	3-5/8	6	310-3403
#4	3-5/8	6	310-3404
#5	3-5/8	6	310-3405
#6	3-5/8	6	310-3406
#7	3-5/8	6	310-3407
#8	3-5/8	6	310-3408
#9	3-5/8	6	310-3409
#10	3-5/8	6	310-3410
#11	3-5/8	6	310-3411
#12	3-5/8	6	310-3412
#13	3-3/8	5-3/4	310-3413
#14	3-3/8	5-3/4	310-3414
#15	3-3/8	5-3/4	310-3415
#16	3-3/8	5-3/4	310-3416
#17	3-3/8	5-3/4	310-3417
#18	3-3/8	5-3/4	310-3418
#19	3-3/8	5-3/4	310-3419
#20	3-3/8	5-3/4	310-3420
#21	3-3/8	5-3/4"	310-3421
#22	3-3/8	5-3/4	310-3422
#23	3	5-3/8	310-3423
#24	3	5-3/8	310-3424
#25	3	5-3/8	310-3425
#26	3	5-3/8	310-3426
#27	3	5-3/8	310-3427
#28	3	5-3/8	310-3428
#29	3	5-3/8	310-3429
#30	3	5-3/8	310-3430
#31	2-3/4	5-1/8	310-3431
#32	2-3/4	5-1/8	310-3432
#33	2-3/4	5-1/8	310-3433
#34	2-3/4	5-1/8	310-3434
#35	2-3/4	5-1/8	310-3435
#36	2-1/2	4-5/8	310-3436
#37	2-1/2	4-5/8	310-3437
#38	2-1/2	4-5/8	310-3438
#39	2-1/2	4-5/8	310-3439
#40	2-1/2	4-5/8	310-3440
#41	2-1/2	-5/8	310-3441
#42	2-1/4	4-1/4	310-3442
#43	2-1/4	4-1/4	310-3443
#44	2-1/4	4-1/4	310-3444
#45	2-1/4	4-1/4	310-3445
#46	2-1/4	4-1/4	310-3446
#47	2-1/4	4-1/4	310-3447
#48	2	3-3/4	310-3448
#49	2	3-3/4	310-3449
#50	2	3-3/4	310-3450
#51	2	3-3/4	310-3451
#52	2	3-3/4	310-3452
#53	1-3/4	3	310-3453
#54	1-3/4	3	310-3454
#55	1-3/4	3	310-3455
#56	1-1/8	2-1/4	310-3456
#57	1-1/8	2-1/4	310-3457
#58	1-1/8	2-1/4	310-3458
#59	1-1/8	2-1/4	310-3459
#60	1-1/8	2-1/4	310-3460

Fractional Sizes

Size	Flute Length	OAL	Order No.
3/64"	1-1/8"	2-1/4"	310-3003
1/16	1-3/4	3	310-3004
5/64	2	3-3/4	310-3005
3/32	2-1/4	4-1/4	310-3006
7/64	2-1/2	4-5/8	310-3007
1/8	2-3/4	5-1/8	310-3008
9/64	3	5-3/8	310-3009
5/32	3	5-3/8	310-3010
11/64	3-3/8	5-3/4	310-3011
3/16	3-3/8	5-3/4	310-3012
13/64	3-5/8	6	310-3013
7/32	3-5/8	6	310-3014
15/64	3-3/4	6-1/8	310-3015
1/4	3-3/4	6-1/8	310-3016
17/64	3-7/8	6-1/4	310-3017
9/32	3-7/8	6-1/4	310-3018
19/64	4	6-3/8	310-3019
5/16	4	6-3/8	310-3020
21/64	4-1/8	6-1/2	310-3021
11/32	4-1/8	6-1/2	310-3022
23/64	4-1/4	6-3/4	310-3023
3/8	4-1/4	6-3/4	310-3024
25/64	4-3/8	7	310-3025
13/32	4-3/8	7	310-3026
27/64	4-5/8	7-1/4	310-3027
7/16	4-5/8	7-1/4	310-3028
29/64	4-3/4	7-1/2	310-3029
15/32	4-3/4	7-1/2	310-3030
31/64	4-3/4	7-3/4	310-3031
1/2	4-3/4	7-3/4	310-3032
33/64	4-3/4	8	310-3033
17/32	4-3/4	8	310-3034
35/64	4-7/8	8-1/4	310-3035
9/16	4-7/8	8-1/4	310-3036
37/64	4-7/8	8-3/4	310-3037
19/32	4-7/8	8-3/4	310-3038
39/64	4-7/8	8-3/4	310-3039
5/8	4-7/8	8-3/4	310-3040
41/64	5-1/8	9	310-3041
21/32	5-1/8	9	310-3042
43/64	5-3/8	9-1/4	310-3043
11/16	5-3/8	9-1/4	310-3044
45/64	5-5/8	9-1/2	310-3045
23/32	5-5/8	9-1/2	310-3046
47/64	5-7/8	9-3/4	310-3047
3/4	5-7/8	9-3/4	310-3048

Letter Sizes

Size	Flute Length	OAL	Order No.
A	3-3/4"	6-1/8"	310-3701
B	3-3/4	6-1/8	310-3702
C	3-3/4	6-1/8	310-3703
D	3-3/4	6-1/8	310-3704
E	3-3/4	6-1/8	310-3705
F	3-7/8	6-1/4	310-3706
G	3-7/8	6-1/4	310-3707
H	3-7/8	6-1/4	310-3708
I	3-7/8	6-1/4	310-3709
J	3-7/8	6-1/4	310-3710
K	3-7/8	6-1/4	310-3711
L	4	6-3/8	310-3712
M	4	6-3/8	310-3713
N	4	6-3/8	310-3714
O	4-1/8	6-1/2	310-3715
P	4-1/8	6-1/2	310-3716
Q	4-1/8	6-1/2	310-3717
R	4-1/8	6-1/2	310-3718
S	4-1/4	6-3/4	310-3719
T	4-1/4	6-3/4	310-3720
U	4-1/4	6-3/4	310-3721
V	4-3/8	7	310-3722
W	4-3/8	7	310-3723
X	4-3/8	7	310-3724
Y	4-3/8	7	310-3725
Z	4-5/8	7-1/4	310-3726