

Quadrate Rod Tapers

Compiled by Bob Maulucci, April 2002

John Irgens

6', 4wt.

measured over varnish

Tip

1"	.061
5"	.070
10"	.0755
15"	.092,
20"	.110,
26"	.122,
30"	.1275,
34 1/2"	.1255

Butt

(measured from the end of the bamboo inside the female ferrule not from the end of the ferrule.)

2"	.1515
5"	.155
10"	.161
16"	.1765
20"	.1865
24 1/2"	.203

Thomas Smithwick

6'3" 4wt.

14/64 Ferrule at 37.5"

0	0.061
5	0.071
10	0.089
15	0.104
20	0.116
25	0.132
30	0.142
35	0.161
40	0.174
45	0.192
50	0.196
55	0.212
60	0.219
65	0.229
70	0.238
75	0.250

Edwards #25 2 pc.

7' 4wt.

0	.062	Broken
2.5"	.070	.077
5"	.088	.086
7.5"	.102	.094
10"	.103	.100
12.5"	.106	.102
15"	.108	.102
17.5"	.115	.108
20"	.129	.115
22.5"	.132	.117
25"	.137	.136
27.5"	.140	.130
30"	.144	.131
32.5"	.149	.143
35"	.158	.148
37.5"	.162	.151
40"	.158	.152
Ferrule		
44	.166	
45"	.170	
47.5"	.180	
50"	.194	
52.5"	.200	
55"	.202	
57.5"	.203	
60"	.208	
62.5"	.219	
65"	.229	
67.5	.238	
70"	.239	
72.5"	.248	
75"	.280 estimated	

Handle starts at about 74"

Guide Spacing

4 3/16", 9 1/8", 15"21", 27 3/8", 34 1/4", 40 1/4" (foot to ferrule serrations), 47 5/8",
stripper 55 3/4"

Edwards #42 2 pc.

7'6" 5wt.

Deduct .003 for varnish

	Tip	Butt
0	.066	.206
5	.081	.211
10	.105	.230
15	.119	.245
20	.129	.257
25	.148	.262
30	.165	.282
35	.168	.301
40	.179	.301
45	.187	.301

Guide spacing

tip: 4", 9", 14 7/8", 20 3/4", 27", 34 7/8", 42 3/4"

butt: 8", 17 1/8" (stripper)

6" cork grip/ 3 1/2" seat (cork spacer)

Edwards #42 2 pc.

7'6" for 5

Tip

0	.066
05	.076
10	.012
15	.118
20	.137
25	.142
30	.154
35	.185
40	.204
45	.210

Butt

45	.210
50	.208
55	.218
60	.226
65	.241
70	.252
75	.263
80	.298

guide spacing

5.750, 11.750, 17.750, 24.25, 30, 36.375, 42.625, butt section 8.875, 18.125

JK Wheeldon

7'9" 5 wt.

0	.068
5	.080
10	.095
15	.113
20	.125
25	.133
30	.148
35	.160
40	.165
45	.180
50	.193
55	.210
60	.250
65	.260
70	.277
75	.304
83	.320

Handle is 10"

Edwards #50 3 pc.

8' 5/6 wt.

1.5	.068
5	.087
10	.105
15	.122
20	.133
25	.143
30	.153
35	.170
40	.188
45	.192
50	.203
55	.210
60	.233
65	.235
70	.245
75	.256
80	.274
84	.332

Chapman's Quadrate

8' 5 wt.

Tip		Butt	
0	.075	0	.213
5	.088	5	.225
10	.103	10	.229
15	.131	15	.233
20	.144	20	.253
25	.146	25	.273
30	.158	30	.280
35	.178	35	.298
40	.190	40	.336
45	.205	45	.336
50	.217	50	.340

Edwards #40 2 pc.

8' 5 wt.

0	.062,
5	.079
10	.110
15	.122
20	.136,
25	.155
30	.163
35	.175
40	.190
45	.202
50	.216
55	.230
60	.242
65	.258
70	.271
75	.287
80	.292
85	.340

Edwards #35 3 pc.

8'6" 6 wt.

1	.057	.062
5	.085	.090
10	.097	.110
15	.112	.120
20	.125	.138
25	.155	.153
30	.165	.160
35	.176	
40	.188	
45	.208	
50	.215	
55	.224	
60	.238	
65	.249	
70	.257	
75	.276	
80	.312	
85	.331	
90	.352	
cork	.365	

Guide Spacing

1st 4 1/2"
2nd 10 1/2"
3rd 16 1/2"
4th 23 1/8"
5th 30"
6th 37"
7th 44 7/8"
8th 54"
9th 63"
Str. 73 1/2"

Taper: #50 Quadrate 3/2

Maker: WE Edwards

Length: 9'

Line Weight: 7/8

Ferrule Size:

	Tip	Mid	Butt
0	.075	.195	.274
5	.094	.206	.281
10	.1085	.222	.290
15	.125	.2255	.303
20	.138	.2345	.320
25	.1525	.240	.3775
30	.168	.258	.3775
35	.179	.267	.3775
40			

Maker: Carlson Quadrate
Length: 8 foot three piece
Line Weight: 5/6 weight
Ferrule Size: 18/64, 12/64

	Tip	Mid	Butt
0	.078	.150	.215
5	.083	.153	.219
10	.098	.1625	.235
15	.114	.171	.247
20	.130	.188	.280
25	.139	.202	.288
30	.145	.211	.292
32	.152	.215	.295

Guides: 4.325, 9.5, 15.375, 22.5, 30.5, 38.75,
47.75, 57.125, 64.25