

	A	B	C	D	E
1	Bassoon Name	Rottenburgh1-O- Leipzig	Rottenburgh2-O-Brugge	Rottenburgh-C-Cottet1-Rachor	Rottenburgh-C-Stanley1-Deitch
2	I. Bocal				
3	dia reed end			4	
4	bocal string length (0, 1)			36.5	
5	metal bocal length top (0, 1)			331	
6	metal bocal length bot (0, 1)			308	
7	dia wj end			9.2	
8					
9	bocal logic	2	2	0	2
10					
11					
12					
13					
14	II. Wing Joint Lengths				
15	choke bore dia.	10.4	10.2	9.2	8.8
16	receiver length (1, 0) (formally choke length)	61	60	36.5	56
17	wing joint length	540	516	520	513
18	tenon length	43.3	41.4	42.5	41.5
19					
20	wj f2	241	240	241	243
21	wj e	304	305	303	305
22	wj d	352	350	346	352
23					
24	Bore dia. Bottom of wing joint	17.2	17	16.8	15.4
25	Bore dia. top of boot joint small side	18.5	18.3	17.7	18.4
26	Bore dia. top of boot joint large side	23.5	23.8	24.7	23.9
27					
28	III. Boot Lengths				
29	bj logic	1	1	0	1
30	bj c	90	89	89	91
31	bj b	147	157	146	155
32	bj a	189	196	193	196
33					
34	bjstotal [Needed for both boot logics]	427	427	426	428
35	bjltotal [Needed for both boot logics]	427	427	426	428
36	plug small [Need for logic 0 only]	0	0	16.5	0
37	plug large [Need for logic 0 only]	0	0	16.5	0
38					
39	boots [Needed for both boot logics]	391	393	391	396
40	bootl [Needed for both boot logics]	391	393	391	396
41					
42	boots bottom [Needed for both boot logics]	23	26.5	17.4	23
43	bootl bottom [Needed for both boot logics]	23	26.6	17.4	23
44					
45	extreme bore [Needed for logic 1 only]	47	48.1	45.5	54.8
46					
47	septum length exp [Need for logic 0 only]		33	35	
48	septum length calc - do not imput value	36	34	35	32
49	septum length - do not imput value	36	34	35	32
50					
51	sbore dia sep* [Needed for both boot logics]	20	18.9	19.6	20.3
52	lbore dia sep* [Needed for both boot logics]	20	18.9	19.6	19.4
53	sep width exp [Need for logic 0 only]	0	9.5	6.1	0
54	sep width calc - do not imput value	7	10.3	6.3	15.1
55	sep width - do not imput value	7	10.3	6.1	15.1
56					
57	bj g	344	349	350	351
58	bj f1	125	129	128	126
59					
60					
61					
62					
63					
64	IV. Tone Hole Diameters				
65	f2	5.1	4.8	4.5	5.6
66	e	6.1	5.7	6.5	6.1
67	d	5.2	5.2	6	5.6
68					
69	c	7.1	6.7	6.9	6.6
70	b	7.1	6.5	6.9	6.8
71	a	6.1	5.8	6.1	5.8
72	g	8.7	8.5	9.6	10.3
73	f1	9.8	8.9	9.6	9.7
74					
75	e1	12	12.1	10	11
76	d1	10.9	11.7	9.6	12
77	c1	12.1	10	10.2	11.5
78					
79					
80					
81					
82					
83	V. Tone Hole Depths				
84	f2	26.2	24	27	27.5
85	e	23.5	25.4	21	26.6
86	d	25.3	24.3	23	27.5
87					
88	c	24.8	26.9	26	25
89	b	24.1	25.6	24	25.9
90	a	25.6	27.5	26	25
91	g	17.8	17	15.2	24
92	f1	18.3	21	20.5	24.3

	A	B	C	D	E
93					
94	e1	9.3	7.2	10	11
95	d1	9.3	8.4	9.6	11.2
96	c1	10	8	10.2	11.6
97					
98					
99					
100					
101					
102	VI. Long Joint				
103	lg_length	589	575	576	573
104	lg_tenon_bot	43.5	40	41	40.4
105	lj_bot_bore	23.5	23.7	22.5	23
106	lj_top_bore	30.7	31.7	31.5	31.3
107	lg_tenon_top	42.4	42.2	43.1	41.8
108	e1 distance	60	46	49	44
109	d1 distance	249	237	241	235
110	c1 distance	460	440	444	433
111					
112					
113					
114					
115					
116	VII. Bore diameters at Tone Holes				
117	f2	13	13.2	12.9	12
118	e	13.4	13.6	13.8	12.7
119	d	13.9	14.1	14.1	13.7
120					
121	c	18.5	18.2	18	18.4
122	b	18.6	18.2	18.5	18.5
123	a	18.6	18.3	18.9	18.5
124	g	20	20	20	19.6
125	f1	23.4	23.4	23.1	23.3
126					
127	e1	23.2	23.1	23	23.3
128	d1	25.2	25.3	26.5	25.5
129	c1	28.1	30.4	29.5	28.5
130					
131					
132					
133					
134					
135	VIII. Bell				
136	bell logic	2	2	2	2
137	bell_length (0, 1, 2)	313	300	300	300
138	bell_bot_bore (0, 1, 2)	30.6	30.4	31.2	30.8
139	bell_top_bore 0, (1, 0, 2)	28.5	25.7	25	25.5
140	bell_center_bore (only for logic 2)	43	37	33.5	35
141	bell_wall (only for logic 2)	11	10.5		11
142	bell_bot_bore_expansion (only for logic 2)	332	207	238	220
143	Outside diameter of wood at expansion	55.2	54.2		56.5
144	bell_tenon (0, 1, 0, 2)	43.4	42.2	44	42.3
145	bell_expansion_length (only for logic 2)	81	67	63	75
146	bellfg	45			51
147					
148					
149	IX. PITCH				
150	pitch	415	415	415	415
151	freq_init	380	380	380	380
152	Delta frequency	2	2	2	2
153	Number of frequencies	60	60	60	60
154	Frequency adjust	1.05	1.05	1.05	1.05
155	X. Title				
156	title				
157					
158					
159					
160	XI. Bore Diameter Locations				
161		19	19	20	18
162	Bell Bore: Rottenburgh1-O- Leipzig	10.4	10.2	10.5	8.8
163	30.6mm dia. at socket	0	0	0	418
164	30mm rod 85mm from socket	388	430	402	340
165	29mm rod 150mm from socket	354	312	349	298
166	28.5mm dia. at bell end	285	274	268	220
167		175	175	190	130
168		151	130	95	60
169		108	52	38	0
170		9	0	0	0
171		0	0	74	0
172		240	275	218	270
173		385	365	348	310
174		270	263	275	275
175		255	248	273	250
176		235	210	531	220
177		395	442	481	420
178		345	363	420	363
179		250	310	351	315
180		175	255	295	272
181		145	195	235	180
182		72	162	175	105
183		19	140	115	35
184		0	15	52	0
185		0	0	0	0