

	A	B	C	D	E
1	Bassoon Name	DennerJC1-O-BrusMIM427	DennerJC2-O-Berlin2969	DennerJC3-O-Berlin2970	DennerJC-C-Körber1-UWM
2	I. Bocal				
3	dia reed end				4
4	bocal string length (0, 1)				45
5	metal bocal length top (0, 1)				370
6	metal bocal length bot (0, 1)				354
7	dia wj end				9.1
8					
9	bocal logic	2	2	2	2
10					
11					
12					
13					
14	II. Wing Joint Lengths				
15	choke bore dia.	10.1	10.1	9.3	9
16	receiver length (1, 0) (formally choke length)	53	76	70	45
17	wing joint length	515	482	518	494
18	tenon length	37.8	46.7	53.4	49
19					
20	wj f2	217	193	200	207
21	wj e	275	251	262	257
22	wj d	314	295	308	300
23					
24	Bore dia. Bottom of wing joint	14.4	16.2	15.4	15.6
25	Bore dia. top of boot joint small side	16.2	16.8	16.6	16.5
26	Bore dia. top of boot joint large side	28.9	27.6	26.2	25.9
27					
28	III. Boot Lengths				
29	bj logic	1	1	1	1
30	bj c	92	88	85	87
31	bj b	150	148	148	138
32	bj a	195	189	190	181
33					
34	bjstotal [Needed for both boot logics]	448	421	445	407
35	bjltotal [Needed for both boot logics]	448	421	445	407
36	plug small [Need for logic 0 only]	0	0	0	0
37	plug large [Need for logic 0 only]	0	0	0	0
38					
39	boots [Needed for both boot logics]	414	386	405	374
40	bootl [Needed for both boot logics]	414	386	405	374
41					
42	boots bottom [Needed for both boot logics]	21	23	18	18
43	bootl bottom [Needed for both boot logics]	21	23	18	18
44					
45	extreme bore [Needed for logic 1 only]	48.5	47	52	49
46					
47	septum length exp [Need for logic 0 only]	0	0	0	33
48	septum length calc - do not imput value	34	35	40	33
49	septum length - do not imput value	34	35	40	33
50					
51	sbore dia sep* [Needed for both boot logics]	19.9	21.7	21.7	19.7
52	lbore dia sep* [Needed for both boot logics]	20.7	20.8	21.1	21.8
53	sep width exp [Need for logic 0 only]	0	0	0	8
54	sep width calc - do not imput value	7.9	4.5	9.2	7.5
55	sep width - do not imput value	7.9	4.5	9.2	7.5
56					
57	bj g	327	320	323	317
58	bj f1	134	123	125	115
59					
60					
61					
62					
63					
64	IV. Tone Hole Diameters				
65	f2	6.3	5.2	6.1	5.7
66	e	6.2	5.8	5.9	5.9
67	d	5.5	5.5	5.7	5.7
68					
69	c	7.3	7.5	7.3	6.9
70	b	6.6	7.3	6.8	7.3
71	a	5.8	6.2	5.8	7.2
72	g	10.5	10.4	10.8	9.3
73	f1	10.3	9.7	9.7	9.1
74					
75	e1	8.5	12.2	12.5	11.8
76	d1	9.2	10.1	12	11.9
77	c1	12.5	12.5	13.6	12.3
78					
79					
80					
81					
82					
83	V. Tone Hole Depths				
84	f2	22.9	26.3	31.5	18
85	e	24.5	25.2	30	12.2
86	d	24.4	25.5	34.5	14.9
87					
88	c	19	27.5	25.5	24.1
89	b	20.5	26.5	24	21
90	a	23.2	25	23.5	21.6
91	g	16.5	16.5	16.5	16.5
92	f1	17.3	14	18	15.9

	A	B	C	D	E
93					
94	e1	5	3.3	3.8	5.3
95	d1	4	5.2	5.9	7
96	c1	4	3.9	4.2	7.6
97					
98					
99					
100					
101					
102	VI. Long Joint				
103	lg_length	582	562	589	568
104	lg_tenon_bot	34.8	49.1	44.4	44.5
105	lj_bot_bore	26.4	25.4	25.2	26.4
106	lj_top_bore	35.2	33.8	32	32.4
107	lg_tenon_top	28.8	33.9	26.4	29.8
108	e1 distance	43	65	54	51
109	d1 distance	261	262	270	260
110	c1 distance	523	498	531	507
111					
112					
113					
114					
115					
116	VII. Bore diameters at Tone Holes				
117	f2	12.2	11.8	11.3	11
118	e	13.1	12.9	12.4	11.8
119	d	13.4	13.5	13.2	12.4
120					
121	c	16.6	17.6	17.6	15.7
122	b	17	18.6	18.3	16.5
123	a	17.4	19.5	19.1	17
124	g	22.3	22.3	22	21.5
125	f1	26.5	26.1	25.3	24.1
126					
127	e1	27	26.4	27	25.8
128	d1	33.2	30.2	30.3	28.6
129	c1	34.7	33.2	33.5	31.7
130					
131					
132					
133					
134					
135	VIII. Bell				
136	bell logic	2	2	2	2
137	bell_length (0, 1, 2)	298	294	296	296
138	bell_bot_bore (0, 1, 2)	36	36.9	34.3	31.7
139	bell_top_bore 0, (1, 0, 2)	28.9	28	26.8	28.6
140	bell_center_bore (only for logic 2)	37.8	42.5	33.5	41.8
141	bell_wall (only for logic 2)	8	7.5	12.5	6.1
142	bell_bot_bore_expansion (only for logic 2)	275	275	280	270
143	Outside diameter of wood at expansion	56.3	58.2	56.5	54.2
144	bell_tenon (0, 1, 0, 2)	29.4	34.4	28.5	29.8
145	bell_expansion_length (only for logic 2)		20	10	
146	bellfg	36	40	41.5	35.3
147					
148					
149	IX. PITCH				
150	pitch	415	440	415	440
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	21	19	20
162	Bell Bore: DennerJC1-O-BrusMIM427	10.1	10.1	9.3	9
163	36mm dia. at socket	0	0	392	383
164	35mm rod 65mm from socket	360	314	342	295
165	34mm rod 97mm from socket	305	274	285	225
166	33mm rod 130mm from socket	242	221	222	158
167	32mm rod 192mm from socket	0	145	125	73
168	31mm rod 245mm from socket	0	65	65	25
169	30mm rod 268mm from socket	65	0	0	100
170	30.3mm rod 30mm from bell top	145	60	70	187
171	At this point is the beginning	235	120	110	260
172	of the bell chamber	305	165	170	328
173	37.8mm at maximum center of bell chamber	0	220	272	0
174	Bell chamber ends c.4mm from bell top	395	370	355	0
175	28.9mm dia. at bell end	355	345	0	295
176		315	285	285	225
177		265	226	215	140
178		215	188	152	75
179		165	515	540	480
180		536	460	0	420
181		515	401	462	365
182		498	350	408	290
183		470	290	330	225
184		430	225	265	140
185		380	160	0	0