

	A	B	C	D	E	F	G	H	I	J	K
1	Bassoon Name	Savarypère1- O-Renard	Savarypère2- O-Rapoport	Savarypère2- O-Rapoport	Savarypère2- O-Rapoport	Savarypère3-O- Waterhouse	Savarypère4-O- BrusMIM3120	Savarypère5 -O-Koster	Savarypère6 -O-Sigal	Savarypère7 -O-Kopp	Savarypère8- O-Helgesen
2	I. Bocal		Wg1	Wg2	Wg3						Short Format
3	dia reed end	4.2									
4	bocal string length (0, 1)	40									
5	metal bocal length top (0, 1)	342									
6	metal bocal length bot (0, 1)	318									
7	dia wj end	9.4									
8											
9	bocal logic	2	2	2	2	2	2	2	2	2	2
10											
11											
12											
13											
14	II. Wing Joint Lengths										
15	choke bore dia.	10.3	9.2	9.3	9.1	9.3	9.7	9.2	8.6	9.2	9
16	receiver length (1, 0) (formally choke length)	64	53	53	28.6	54	36	34.8	34	35	45
17	wing joint length	523	506	520	517	508	491	518	510	503	515
18	tenon length	38.7	44.5	46	47	50	53.3	43.4	42.4	47.7	47.4
19											
20	wj f2	222	210	221	210	215	202	209	216	198	202
21	wj e	296	285	299	300	294	285	301	288	287	302
22	wj d	337	336	343	343	334	328	342	336	328	343
23											
24	Bore dia. Bottom of wing joint	16.2	15.4	15.7	15.3	15.3	15.9	15.6	15.4	15	15.4
25	Bore dia. top of boot joint small side	16	16	16	16	15	15.6	15.6	15.7	15.2	15.4
26	Bore dia. top of boot joint large side	23	24.7	24.7	24.7	23.2	21.9	23.7	23.3	23	24
27											
28	III. Boot Lengths										
29	bj logic	1	1	1	1	1	1	1	1	1	1
30	bj c	92	98	98	98	86	90	93	93	88	82
31	bj b	151	152	152	152	159	150	150	153	155	161
32	bj a	189	197	197	197	198	198	191	195	195	204
33											
34	bjstotal [Needed for both boot logics]	425	431	431	431	435	432	434	434	432	433
35	bjltotal [Needed for both boot logics]	425	431	431	431	435	432	434	434	432	433
36	plug small [Need for logic 0 only]	0	0	0	0	0	0	0	0	0	0
37	plug large [Need for logic 0 only]	0	0	0	0	0	0	0	0	0	0
38											
39	boots [Needed for both boot logics]	385	381	381	381	393	393	393	382	390	390
40	bootl [Needed for both boot logics]	385	381	381	381	393	393	393	382	390	390
41											
42	boots bottom [Needed for both boot logics]	17	23	23	23	29	19.5	21	20	27	
43	bootl bottom [Needed for both boot logics]	17	23	23	23	29	19.5	21	20	27	
44											
45	extreme bore [Needed for logic 1 only]	35.4	48.2	48.2	48.2	40.3	41.7	41.1	49.1	41.5	42.3
46											
47	septum length exp [Need for logic 0 only]	0	0	0	0	0	0	0		0	0
48	septum length calc - do not imput value	40	50	50	50	42	39	41	52	42	
49	septum length - do not imput value	40	50	50	50	42	39	41	52	42	
50											
51	sbore dia sep* [Needed for both boot logics]	18.1	18.4	18.4	18.4	18.3	19.1	18.6	17.9	18.3	
52	lbore dia sep* [Needed for both boot logics]	19	18.6	18.6	18.6	18.5	19.1	19.4	18.5	18.8	
53	sep width exp [Need for logic 0 only]	0	0	0	0	0	0	0		0	
54	sep width calc - do not imput value	-1.7	11.2	11.2	11.2	3.5	3.5	3.1	12.7	4.4	
55	sep width - do not imput value	-1.7	11.2	11.2	11.2	3.5	3.5	3.1	12.7	4.4	
56											
57	bj g	332	335	335	335	338	335	333	333	335	346
58	bj f1	132	145	145	145	145	145	145	146	143	143
59											
60											
61											
62											
63											
64	IV. Tone Hole Diameters										
65	f2	5.1	5.7	5.5	5	5.1	5.2	5.1	5.8	5.2	5.5
66	e	5.8	6.2	6.2	7.1	6	6.1	6.5	6.5	6.6	5.9
67	d	5.6	6	5.9	6.3	5.5	5.5	5.5	5.2	5.2	5.3
68											
69	c	7.4	7.4	7.4	7.4	6.9	7	7	7	7.3	7.4
70	b	6.9	7.1	7.1	7.1	6.8	7	6.5	6.9	6.9	6.8
71	a	6.1	6.9	6.9	6.9	5.8	6.2	6	5.5	5.9	6.1
72	g	9.3	9.5	9.5	9.5	9	8.1	8.8	9.6	9.7	9
73	f1	9	9	9	9	9.4	8.5	8.8	8.4	9.5	9.1
74											
75	e1	12.4	13.5	13.5	13.5	13.5	14.1	14.2	13.4	14.2	14.7
76	d1	8.5	9	9	9	9.5	8.8	9.2	9.2	9.5	9.4
77	c1	13	14.4	14.4	14.4	14.5	14.5	13.7	14.1	13.5	14.6
78											
79											
80											
81											
82											
83	V. Tone Hole Depths										
84	f2	38.5	32.6	34.7	45.5	38.5	38	44	39	45.5	48
85	e	27.7	30.6	30	36.8	32.5	36.5	33.5	33.5	38.5	33.2
86	d	27.7	35	32.8	39	31.7	41	33.5	37	36.7	35.5
87											
88	c	25.3	24.9	24.9	24.9	31.2	27	20.4	26.5	26	29.5
89	b	24.8	26.4	26.4	26.4	29.4	27.5	21.4	26.2	28	26.2
90	a	24.2	28.2	28.2	28.2	29.8	30.5	21.2	26.5	29.3	27
91	g	15.3	21.7	21.7	21.7	16.1	15.5	13	16.2	15.8	17.7

	A	B	C	D	E	F	G	H	I	J	K
92	f1	23	24.2	24.2	24.2	23.5	19.5	21.5	24.5	23.8	22
93											
94	e1	9	8.8	8.8	8.8	8	8.6	8.3	8.9	9	9
95	d1	10.4	10.2	10.2	10.2	10	8.5	9.5	9.2	10.5	9.8
96	c1	10.6	9.4	9.4	9.4	8.5	8.6	8.6	8.3	9.8	9.2
97											
98											
99											
100											
101											
102	VI. Long Joint										
103	lg_length	599	581	581	581	590	614	586	580	578	582
104	lg_tenon_bot	42.7	45.5	45.5	45.5	47.3	53.7	45.1	45.6	47	48
105	lj_bot_bore	24.9	24.8	24.8	24.8	23.3	24.4	23.6	24.3	23.9	23.8
106	lj_top_bore	30.8	35	35	35	33.4	31.9	32.8	34.2	32.5	34.5
107	lg_tenon_top	39.4	36.2	36.2	36.2	37.5	36.4	40.3	34.2	35.3	47
108	e1_distance	54	54	54	54	55	60	56	53	53	55
109	d1_distance	255	253	253	253	254	265	255	253	252	256
110	c1_distance	484	468	468	468	475	489	471	468	466	470
111											
112											
113											
114											
115											
116	VII. Bore diameters at Tone Holes										
117	f2	12.1	11.8	11.9	12	11.5	12.1	11.3	11.3	11.5	11.5
118	e	12.8	12.8	12.8	12.6	12.5	13.5	12.7	11.7	12.6	12.7
119	d	13.4	13.7	13.3	13.1	13.1	13.8	13.2	12.6	13.1	13.2
120											
121	c	16.1	16.2	16.2	16.2	15.1	16.1	15.4	15.4	14.9	15.7
122	b	16.9	16.9	16.9	16.9	15.7	17.1	15.8	16.1	16	16.2
123	a	17.4	17.5	17.5	17.5	16.2	17.7	16.2	16.2	16.2	17
124	g	19.2	19	19	19	19.4	19.4	20.1	19.2	19.4	cm
125	f1	22.5	21.8	21.8	21.8	21.6	20.7	21.8	21.8	21.7	22.1
126											
127	e1	24.8	25	25	25	24.1	25.3	24.1	24.8	25.1	24.3
128	d1	26.6	27.6	27.6	27.6	27.3	28.5	26.7	27.6	27.5	27.4
129	c1	29.6	32.1	32.1	32.1	30.4	29.8	30.2	31.6	30.5	31.2
130											
131											
132											
133											
134											
135	VIII. Bell										
136	bell_logic	0	0	0	0	0	0	0	0	0	No Bell
137	bell_length (0, 1, 2)	311	330	330	330	329	333	331	344	331	
138	bell_bot_bore (0, 1, 2)	30.3	34	34	34	31.9	32	31.6	33.6	32.4	
139	bell_top_bore 0, (1, 0, 2)	30.7	34.8	34.8	34.8	33.5	35.6	32.3	34.8	32.8	
140	bell_center_bore (only for logic 2)										
141	bell_wall (only for logic 2)										
142	bell_bot_bore_expansion (only for logic 2)										
143	Outside diameter of wood at expansion										
144	bell_tenon (0, 1, 0, 2)	40	37.3	37.3	37.3	39	37.6	41	34.8	36.1	
145	bell_expansion_length (only for logic 2)										
146	bellfg					42.6	44.5	38.2	42	42.1	
147											
148											
149	IX. PITCH										
150	pitch	430	430	430	430	430	430	430	430	430	430
151	freq_init	380	380	380	380	380	380	380	380	380	380
152	Delta frequency	2	2	2	2	2	2	2	3	2	2
153	Number of frequencies	60	60	60	60	60	60	60	18	60	60
154	Frequency adjust	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05
155	X. Title										
156	title										
157											
158											
159											
160	XI. Bore Diameter Locations										
161		19	22	22	22	22	19	22	22	21	21
162		10.3	9.2	9.3	9.1	9.3	9.7	9.2	8.6	9.2	9
163		0	395	419	423	412	430	405	398	415	412
164		483	341	365	365	343	390	330	333	335	335
165		295	285	292	315	263	296	285	203	280	277
166		199	208	207	180	185	233	180	142	188	177
167		120	120	120	120	70	140	97	42	110	104
168		60	17	62	17	12	52	45	14	0	0
169		49	0	0	0	185	84	172	132	170	100
170		167	159	159	159	240	147	242	274	245	209
171		363	287	287	287	345	218	320	0	330	286
172		375	345	345	345	375	380	0	350	380	0
173		275	265	265	265	305	214	345	259	320	320
174		230	197	197	197	182	81	210	180	200	265
175		188	145	145	145	115	0	140	131	152	230
176		92	83	83	83	0	0	78	60	0	83
177		0	60	60	60	535	0	517	541	550	544
178		493	523	523	523	490	575	466	510	527	503
179		370	462	462	462	450	460	425	410	484	445
180		309	359	359	359	355	410	315	382	368	370
181		278	268	268	268	277	374	240	272	250	250
182		245	241	241	241	175	205	180	210	170	195
183		87	190	190	190	127	115	120	172	135	160
184		0	161	161	161	88	76	70	135	95	135

	A	B	C	D	E	F	G	H	I	J	K
185		0	107	107	107	0	0	35	82	30	75