Prudent-C-Cottet2-Rachor-Wg1-WB-DNM

_		_			_	-		
	A I. Bocal	В	C C Criginal hocal: PrudentCottet? Cottet hocal	D	E	F	G	Н
	dia reed end	4.1	Original bocal; PrudentCottet2 Cottet bocal inside diameter of reed end of bocal				\vdash	
	bocal string length (0, 1)		length of bocal inserted into receiver					
	metal bocal length top (0, 1)		meas. along top of bocal					
5	metal bocal length bot (0, 1)	311	meas. along bottom of bocal					
6	dia wj end	9.6	inside diameter of bocal					
<u>7</u> 8	hosal logic	2	if boral logic = 0 = x boral is cheles; if boral logic = 1 = x -b-les is wise initial of the	acal legis ?	- > no - ·	Cal	\vdash	
9	bocal logic		if bocal logic = 0 => bocal is choke; if bocal logic = 1 =>choke in wing joint calc; if bo	ocai logic = 2 =	=> no bo	Саі		
10			PrudentCottet2 Bottom bocal dia is 11.5, very beginning of wood bore 9.6 where at the	e very bottom	of shelf	of re	ceiver	
11			Tradencested Bottom Botal and B 1115/ Very Beginning of Wood Bore 516 While a de cr	le very bottom	or brien	1		
12								
	II. Wing Joint Lengths		bocal receiver length: [can be none] 34.5					
	choke bore dia.		logic 1; bore diameter of choke; logic 0; either diameter bocal bottom or beginning of		n or rece	iver		
	receiver length (1, 0) (formally choke length) wing joint length	66 548	logic 1; length of choke from top of wing joint; logic 0; length of receiver (same as str total wing joint length, including tenon and socket	ing length)				
	tenon length		tenon length					
18	conon langer		central tengen					
19	wj f2	246	dist top of wing to where tone hole enters bore [not at the center of the tone hole]					
	wj e	318.5						
	wj d	366						
22	Bore dia. Bottom of wing joint	16.2	Need to Average upply eval					
	Bore dia. bottom of wing joint Bore dia. top of boot joint small side	16.2	Need to Average, usally oval				\vdash	
	Bore dia. top of boot joint large side	25.3						
26								
	III. Boot Lengths							
	bj logic		logic=> if bj logic = 0 => plug removed; if bj logic = 1 => plug cannot be removed	-1				
29 30	bj c	105.5 156.5	dist from top of boot to where topmost tone hole enter bore [not at center of tone hol	ej			\vdash	
	bj a	198						
32	-, -	270						
33	bjstotal [Needed for both boot logics]		total length of boot, include socket, along the small bore side					
	bjltotal [Needed for both boot logics]		total length of boot, include socket, along large bore side					
	plug small [Need for logic 0 only]		plug thickness, large bore side					
36 37	plug large [Need for logic 0 only]	22	plug thickness, small bore side				\vdash	
_	boots [Needed for both boot logics]	407	hook length along s bore => bjs-septum length = boot - septum <= calc the septum	1				
	bootl [Needed for both boot logics]		hook length along I bore => bjl-septum length = boot - septum <= calc the septum					
40								
	boots bottom [Needed for both boot logics]		use hook, dist of bore [dist on stick plus 7mm, diff between hook and bot of stick] 7 +	15 = 22				
	bootl bottom [Needed for both boot logics]	22	use hook, dist of bore [same as boots bot except tenon depth will be different]					
43 44	extreme bore [Needed for logic 1 only]	39	Outside dia of plug [measured] = small bore dia + large bore dia + the septum width	<u> </u>			\vdash	
45	extreme bore [receded for logic 1 offix]	23	Outside did or plug [measured] — Smail bore did + large bore did + the Septum Width				\vdash	
	septum length exp [Need for logic 0 only]	44	dist. from very bottom of boot to septum [point between the large and small bore]					
47	septum length calc - do not imput value	45	dist. From very bottom of boot to spetum [bjl - bootl]	do not imput				
48	septum length - do not imput value	44	if bj logic = 0 => septum = septum exp; if bj logic = 1 => septum = septum calc	do not imput	value			
49	chara dia can* [Needed for beth beet leed 2]	10.2	contum small hara dia fassuma – lhara dia sani				\vdash	
50 51	sbore dia sep* [Needed for both boot logics] Ibore dia sep* [Needed for both boot logics]	18.3 19.2	septum small bore dia [assume = lbore dia sep] septum large bore dia [assume = sbore dia sep] [mesure if cork can be removed; for	Logic 01				
	sep width exp [Need for logic 0 only]		septum width; direct measurement if remove plug. Here septum is carved to a point	Logic oj				
53	sep width calc - do not imput value	1.5	septum width; calc. => extreme bore - sbore - lbore	do not imput				
54	sep width - do not imput value		if bj logic = $0 \Rightarrow$ sep width = sep width exp; if bj logic = $1 \Rightarrow$ sep width = sep width					
55	L: _	247	dist forms has afficient (analyst) to subseq Challes to a first state of Challes to a					
56 57	bj g bj f1		dist from top of boot (socket) to where G hole enters bore [not at cent of tone hole] dist from top of boot (socket) to where F1 hole enters bore [not at cent of tone hole]				\vdash	
58	OJ 11	147	and from top or book (socker) to where it indicenters bore [not at cent or tone note]					
59								
60								
61							$\sqcup I$	
62	IV. Tono Holo Diameters						\vdash	
64	IV. Tone Hole Diameters	4.6					\vdash	
	e	5.8						
66		5.5						
67						L	ш	
68	C	7.8					\vdash	
69 70	a .	6.7						
71	a l	9.1						
72	f1	8.5						
73								
	e1		e1 tone hole dia, on long joint [need to average NS and EW dias, NS usually greater]	ļ			\vdash	
75 76	d1 c1		d1 tone hole dia, on long joint [need to average NS and EW dias, NS usually greater] c1 tone hole dia, on long joint [need to average NS and EW dias, NS usually greater]					
76 77	CI	12.2	c. tone note dia, on long joint [need to average NS and EW dias, NS usually greater]				\vdash	
78								
79								
80								
81	V. T			ļ			\vdash	
82	V. Tone Hole Depths	27						
84		24					\vdash	
85		27						
86								
87	С	21.4						
	b	22.2						
	a	20.8	mass along hot tone hole wall [north wall, toward road tone hole would be to a let					
90 91	y f1		meas along bot tone hole wall [north wall, toward reed,tone hole usually at angle] meas along east side tone hole wall [north wall, toward reed,t hole usually at angle]				\vdash	
		TO	meas along east side tone note wall [north wall, toward reed,t note usually at angle]	1		i		

Prudent-C-Cottet2-Rachor-Wg1-WB-DNM

1.		A	В	С	D	Е	F	G	Н
3 15 15 15 15 15 15 15									
2.5 cit come to the common to	93								
							Ш		
		CT	7.2	cı tone noie depth; meas east/west with deapth gauge [at center, or shortest dist]			Н		
Section Sect							\vdash		
	98								
	99								
100 100									
15 Not Spece 15									
1.00 1.00									
100 1.00 1				length bottom tenon on long joint [tenon going into boot joint]					
100 100									
100 100							Н		
100 100			51						
110 110									
13 13 14 15 15 16 17 17 18 18 18 18 18 18		c1 distance	482	dist long joint tenon to c1 [from bot of tenon to where tone hole enters bore]					
132 133 134							\vdash		
1.1 Mil. 1.2 1.2 1.3							П		
11.0 12.0 13.4 14.5 15.5									
13.8							Ш	L I	
1.6									
10		_					Н		
10.5 1.7		~	17.4				H		
17	120	С	16.5						
13 13 13 13 14 15 15 15 15 15 15 15	121	b							
12 13 23 23 25 25 25 25 25 2		a							
125 127		g f1					\vdash		
128 et 23.8 et tone hole bore diameter on long joint		11	23.0				\vdash		
128 128		e1	23.8	e1 tone hole bore diameter on long joint					
130		d1	27.4	d1 tone hole bore diameter on long joint					
130 131		c1	31	c1 tone hole bore diameter on long joint					
131 132 133 134 135							Н		
133 134 135 136 136 137 138 138 138 138 138 138 139							Н		
133 VITI. Bell							H		
135 bell logic									
136 Bell length (0, 1, 2) 329 153 159 161 150 160	134								
137 bell toot, bore (0, 1, 2)					bell_logic = 2	=> bell e	xpar	nsion	
138 bell center bore (only for logic 2)							\vdash		
139 bell center, bore (only for logic 2) bell wall thickness, but for David bell wall (only for logic 2) bell wall thickness, but for David 141 bell bot, bore, expansion (only for logic 2) dist of bottom to maximm of expansion [including bell socket length,if bell logic=0 >> 100]							\vdash		
140 bell walf (only for logic 2) bell walf thickness, Just for David dist of bottom to maxium of expansion (including bell socket length, if bell logic=0 =>100)			JJ				H		
141 bet bote per expansion (only for logic 2)									
143 bell tenon (0, 1, 0, 2)	141	bell_bot_bore_expansion (only for logic 2)		dist of bottom to maxium of expansion [including bell socket length,if bell logic=0 =>	100]		Ш		
144 bell expansion_length (only for logic 2)			26.5				Ш		
145			38.5				Н	\vdash	
146			44.5				Н		
148 IX. PITCH									
149 pitch	147								
Soft req. init			415	input the historical sitch of the k					
151 Delta frequency							H	\vdash	
152 Number of frequencies 60 number of frequencies to scan for min chi sq 1.05 frequency adjustment parameter 1.05									
1.05 frequency adjust 1.05 frequency adjustment parameter 1.05 frequency adjusted 1.05 fre	152	Number of frequencies							
Section									
156				Paccoon Calculations Prodont C Cottota Booker West WD DANA			Н		
159 XI. Bore Diameter Locations		uue		Dassour Carculation: Prudent-C-Cottetz-Rachor-Wg1-WB-DINM			\vdash		
159 XI. Bore Diameter Locations							H		
160 22	158								
161		XI. Bore Diameter Locations	22	Ni mala au a fi dia manahara					
162							H		
163 391 dist2; measured from the bottom of the wing joint- 11mm							H	1	
165 259 dist4; measured from the bottom of the wing joint- 13mm 1 1 166 190 dist5; measured from the bottom of the wing joint- 14mm 1 1 1 1 1 1 1 1 1	163		391	dist2; measured from the bottom of the wing joint- 11mm				1	
190 dist5; measured from the bottom of the wing joint- 14mm 1 1 167 80 dist6; measured from the bottom of the wing joint- 15mm Bottom wing j 16.2 1 1 1 168 5 dist7; measured from the bottom of the wing joint- 16mm top boot small 16 1 1 169 161 dist8; measured from the top of the bootjoint - small bore side- 17mm top boot large 25.3 2 170 285 dist9; measured from the top of the bootjoint - small bore side- 18mm 2 2 2 2 2 2 2 2 2									
167 80 dist6; measured from the bottom of the wing joint- 15mm Bottom wing j 16.2 1 168 5 dist7; measured from the bottom of the wing joint- 16mm top boot smal 16 1 169 161 dist8; measured from the top of the bootjoint - small bore side- 17mm top boot large 25.3 2 170 285 dist9; measured from the top of the bootjoint - small bore side- 18mm 2 171 0 dist10; measured from the top of the bootjoint - small bore side- 19mm sbore dia sep 18.3 2 172 359 dist11; measured from the top of the bootjoint - large bore side- 20mm bore dia sep 19.2 3 173 303 dist12; measured from the top of the bootjoint - large bore side- 20mm bore dia sep 19.2 3 174 240 dist13; measured from the top of the bootjoint - large bore side- 21mm 3 175 593 dist14; measured from the top of the bootjoint - large bore side- 22mm 3 176 540 dist15; measured from the top of the long joint- 24mm 1 bot bore 22.5 4 177 489 dist16; measured from the top of the long joint- 25mm 4 178 423 dist17; measured from the top of the long joint- 27mm 4 179 366 dist18; measured from the top of the long joint- 27mm 4 180 312 dist19; measured from the top of the long joint- 28mm 4 181 255 dist20; measured from the top of the long joint- 29mm 4 182 dist21; measured from the top of the long joint- 30mm 4							Ш		
168					Bottom wing i	16.7	\vdash		
169							H		
170 285 dist9; measured from the top of the bootjoint - small bore side- 18mm 2								2	
172 359 dist11; measured from the top of the bootjoint - large bore side- 20mm lbore dia sep 19.2 3 173 303 dist12; measured from the top of the bootjoint - large bore side- 21mm 3 174 240 dist13; measured from the top of the bootjoint - large bore side- 22mm 3 175 593 dist14; measured from the top of the long joint- 23mm 4 176 540 dist15; measured from the top of the long joint- 24mm lj_bot_bore 22.5 4 177 489 dist16; measured from the top of the long joint- 25mm 4 178 423 dist17; measured from the top of the long joint- 26mm 4 179 366 dist18; measured from the top of the long joint- 27mm 4 180 312 dist19; measured from the top of the long joint- 28mm 4 181 255 dist20; measured from the top of the long joint- 30mm 4 182 dist21; measured from the top of the long joint- 30mm 4	170			dist9; measured from the top of the bootjoint - small bore side- 18mm				2	
173 303 dist12; measured from the top of the bootjoint - large bore side- 21mm 3 174 240 dist13; measured from the top of the bootjoint - large bore side- 22mm 3 175 593 dist14; measured from the top of the long joint- 23mm 4 176 540 dist15; measured from the top of the long joint- 24mm 1j bot bore 22.5 4 177 489 dist16; measured from the top of the long joint- 25mm 4 178 423 dist17; measured from the top of the long joint- 25mm 4 179 366 dist18; measured from the top of the long joint- 27mm 4 180 312 dist19; measured from the top of the long joint- 28mm 4 181 255 dist20; measured from the top of the long joint- 29mm 4 182 195 dist21; measured from the top of the long joint- 30mm 4									
174 240 dist13; measured from the top of the bootjoint - large bore side- 22mm 3 175 593 dist14; measured from the top of the long joint- 23mm 4 4 176 176 177 489 dist16; measured from the top of the long joint- 25mm 1 bot_bore 22.5 4 178 423 dist17; measured from the top of the long joint- 25mm 4 423 dist17; measured from the top of the long joint- 26mm 4 4 4 4 4 4 4 4 4					ibore dia sep	19.2	Н		
175 593 dist14; measured from the top of the long joint- 23mm 4 176 540 dist15; measured from the top of the long joint- 24mm lj bot_bore 22.5 4 177 489 dist16; measured from the top of the long joint- 25mm 4 178 423 dist17; measured from the top of the long joint- 26mm 4 179 366 dist18; measured from the top of the long joint- 27mm 4 180 312 dist19; measured from the top of the long joint- 28mm 4 181 255 dist20; measured from the top of the long joint- 29mm 4 182 195 dist21; measured from the top of the long joint- 30mm 4							\vdash		
176 540 dist15; measured from the top of the long joint- 24mm lj bot bore 22.5 4 177 489 dist16; measured from the top of the long joint- 25mm 4 178 423 dist17; measured from the top of the long joint- 26mm 4 179 366 dist18; measured from the top of the long joint- 27mm 4 180 312 dist19; measured from the top of the long joint- 28mm 4 181 255 dist20; measured from the top of the long joint- 29mm 4 182 195 dist21; measured from the top of the long joint- 30mm 4							Н		
177 489 dist16; measured from the top of the long joint- 25mm 4 178 423 dist17; measured from the top of the long joint- 26mm 4 179 366 dist18; measured from the top of the long joint- 27mm 4 180 312 dist19; measured from the top of the long joint- 28mm 4 181 255 dist20; measured from the top of the long joint- 29mm 4 182 195 dist21; measured from the top of the long joint- 30mm 4	176	_	540	dist15; measured from the top of the long joint- 24mm	lj_bot_bore	22.5		4	
179 366 dist18; measured from the top of the long joint- 27mm 4 180 312 dist19; measured from the top of the long joint- 28mm 4 181 255 dist20; measured from the top of the long joint- 29mm 4 182 195 dist21; measured from the top of the long joint- 30mm 4			489	dist16; measured from the top of the long joint- 25mm			Ш		
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181 255 dist20; measured from the top of the long joint- 29mm 4 182 195 dist21; measured from the top of the long joint- 30mm 4							Н		
182 195 dist21; measured from the top of the long joint- 30mm 4							H		
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