

4-key fagottino, Johannes & Georg H. SCHERER (3), Butzbach, 1760–70			BUTT JOINT - SMALL BORE (Total length: 222 mm)	
Ø in mm	Depth max. mm	Depth min. mm	Comments	
Socket				
13.6	31	29	Min touches edge of socket beginning	
13.8	30	28		
14	29	28	28/28.5 mm is socket length	
18.2	28.5	24.5	Diameters after step	
18.4	25	18.5		
18.6	20	10		
18.8	8	5		
19	3	1		
19.2	1	0		
19.4	0	0		
Bore				
13.2	222	184.5		
13.4	182.5	166	At max north edge of tone hole 4	
13.6	168	159		
13.8	157	44	Distance between walls front to back is much smaller than bore small diameters, so will be until the end	
14	145	42		
14.2	51	39		
14.4	48.5	38		
14.6	46	37	At min bore ends, septum blade starts	
14.8	39.5	36.5	Bore end - septum blade	
15	37	36	Bore end - septum blade	
15.2	36.5	35	Bore end - septum blade	
15.4	36	34	Bore end - septum blade	
15.6	35	33	Bore end - septum blade	
15.8	34	32.5	Bore end - septum blade	
16	33	31	Bore end - septum blade	
18.2	31	31	Ø is distance between septum blade at middle to septum wall side, depth is distance between middle of septum blade and butt joint south end	
			Cork Measurements	mm
			Side to side, bottom	38
			Side to side, top	37
			Height at small bore	13
			Height at big bore	14.5
			Height in the middle	15
			Front to back at big bore - top	16
			Front to back at big bore - bottom	17
			Front to back at small bore - top	13
			Front to back at small bore - bottom	14.5
			Front to back at middle - top	15
			Front to back at middle - bottom	17
			end	24