

Bass

Size	4/4	3/4	1/2	1/4	1/8
Ages					
Bow Length	725-750	725-750	675-710	675-710	
Body: Length	1143- 1160	1110 (1105-1127)	1020 -1055	940 -970	
Width: upper	524	501 (480-550)	470	475	
middle	357	384 (338-390)	323	310	
lower	655	674 (660-700)	650	605	
Stop		590- 610			
Ribs: Height (neck, saddle)	130, 216	122-185, 200-227	175, 215	142, 178	
Thickness		1.8			
Linings: Height		25			
Thickness		3.2			
Blocks: Upper		178x89			
Corners (finished- add 3 to split)		64x54U, 64x64L			
Lower		140x56			
Riser Stick Allowance					
Arching Height: Back		very low			
Top		35 -51			
Back Thickness: Edge					
Corners & Button					
Center		9			
Rings					
Bouts		4-4.5			
Flat Back		7			
Top Thickness: Edge		8			
Corners					
Sound Post		8			
ff Area		7			
Bouts		4.5			
Purfling: Dist From Edge					
Thickness					
Margin Width					
ff Holes: Length		219			
Minimum Width	18	17	16	15	
Distance to Edge					
Between Upper Eyes		152.5			
Bass Bar: Thickness	25	23	21	19	
Approx Dist to Edges		13?			
Height	44,,	<40, ,6	37,,	34,,	
Inside Bridge Foot					
Layout Proportion					
Scroll: Width at Ears		105			
Top of 1st Turn (approx)		63			
Bottom of 1st Turn (approx)		28.5			

Size	4/4	3/4	1/2	1/4	1/8
Length		305			
Peg Box: Width at 4th Peg		63.5			
Width at Throat - Top		43.5			
Width at Throat - Back					
Wall Thickness at Upper Edge		12.5			
Wall Thickness at Lower Edge					
Floor Thickness		9.5			
Angle at Nut					
Length					
Neck: Length		425			
Neck Length to Stop Ratio		61:43			
Thickness - Upper		34			
Thickness - Lower		41			
Edge to Heel Center		66			
Angle at Heel					
Neck Set: Overstand		35-40			
Projection	160	150	138	127	
Offset Heel Layout (for button centering)					
Inclination to Upper String					
Mortice Depth (approx. -excluding margin)		25			
Button: Height from Edge					
Width		38?			
Fingerboard: Length	890	850	780	730	
Width at Nut		42			
Width at Neck Foot		63?			
Width at Lower End		87			
Edge Thickness		10			
Radius of Curve		95			
Bevel Width		1/3			
Hollowness (side, G, E)		,1.6, 2.5			
Nut: Width		12			
String Spacing	33	30	28	25	
Height (above fb w/o notches)					
Saddle: Width		76			
Height (above edge)					
Tailpiece: Distance to Bridge		200			
Length	350	340	310	290	
String Length	1075- 1100	1020- 1060	975 -1028	900	
Soundpost: Thickness	18	17	16	15	
Behind Bridge	6?	5.5-6			
Inside Bridge Foot					
Bridge: Width	158 (165 5-String)	145- 150 -155 (152 5-String)	138	130	115
Foot Thickness	23	21	19	18	
Foot Length					
Top Thickness	4.9	4.5	4.2	3.8	
String Spacing	87	80	74	68	
String Height (gut/perlon)	12-17	11-16	10-15	9.3-14	
(steel)	7.6-9.5	7.0-8.7	6.5-8.0	5.9-7.4	
Finished Height (approx)					
String Angle Over Bridge		148°			