

This specification sheet created by Alan Goldblatt, Luthier.
See <http://www.alangoldblatt.com> for more information.

Viola d'Amore

Viola	
Bow Length	
Body: Length	360-390
Width: upper	180-195
middle	124-128
lower	220-236
Stop	200?
Ribs: Height	50-45-37.5
Thickness	
Linings: Height	
Thickness	
Blocks: Upper	
Corners (finished- add 3 to split)	
Lower	
Riser Stick Allowance	
Arching Height: Back	
Top	
Back Thickness: Edge	
Corners & Button	
Center	
Rings	
Bouts	
Top Thickness: Edge	
Corners	
Sound Post	
ff Area	
Bouts	
Purfling: Dist From Edge	
Thickness	
Margin Width	
ff Holes: Length	
Minimum Width	
Distance to Edge	
Between Upper Eyes	
Bass Bar: Thickness	
Approx Dist to Edges	
Height	
Inside Bridge Foot	
Layout Proportion	
Scroll: Width at Ears	
Top of 1st Turn (approx)	
Bottom of 1st Turn (approx)	
Length	
Peg Box: Width at 4th Peg	
Width at Throat - Top	

Width at Throat - Back	
Wall Thickness at Upper Edge	
Wall Thickness at Lower Edge	
Floor Thickness	
Angle at Nut	
Length	
Neck: Length	143-145
Neck Length to Stop Ratio	
Thickness - Upper	21-23
Thickness - Lower	27-29
Edge to Heel Center	
Angle at Heel	
Neck Set: Overstand (fb joint, fb edge)	0-3, 11
Projection	34.5-38
Offset Heel Layout (for button centering)	
Inclination to Upper String	
Mortice Depth (approx.-including margin)	
Button: Height from Edge	
Width	
Fingerboard: Length	262-269
Width at Nut	31-34
Width at Neck Foot	39
Width at Lower End	48-54
Edge Thickness (nut, foot, end)	3.5-5.5,8-11,3.5-6
Radius of Curve	
Hollowness (side, E, G)	
Nut: Width	
String Spacing	
Height (above fb w/o notches)	
Saddle: Width	
Height (above edge)	
Tailpiece: Distance to Bridge	
Length	
String Length	340-355
Soundpost: Thickness	
Behind Bridge	
Inside Bridge Foot	
Bridge: Width	
Foot Thickness	
Foot Length	
Top Thickness	
String Spacing	
String Height (gut/perlon)	
Finished Height (approx)	
Pegs: Distance Pegbox to Top of Head	
Distance Pegbox to Thumbpiece	
Thumbpiece Width	
Tuning (sympathetics unison w/bowed strings)	D3 A3 D4 F#4 A4 D5
String Angle Over Bridge	