

Spindle Computations														
Density Computation														
Length	5	cm	Width	5.1	cm	Height	2.5	cm	Mass	56.1	g	Density	0.88	cm
Whorl Diameter Computation														
Height	2.5	cm		0.98425	in	Density	0.88	g/cc			in	Mass (g)		
Minimum Diameter	4.316778	cm		1.699516	in					16.099104789			25 g cm ²	
Target Diameter	4.518092	cm		1.778773	in					17.635685697			30 g cm ²	
Maximum Diameter	4.695607	cm		1.848661									35 g cm ²	
hole mass										0.62203482				
Moment of Inertia Check														
Weight of Whorl	20.4	g	Diameter of Whorl	4.4	cm	Whorl I	32.912	g cm ²	Weight of Shaft	12	g	Diameter of Shaft	1	cm
Shaft I	1.2	g cm ²	Moment of Inertia	34.112	g cm ²									Between 25 and 35
Wood	Density	Diameter in	Diameter cm	Height in	Height cm									
Kingwood	1.1	1.7	3.8	0.75	2									
Amboyna burl	0.97	1.45	3.7	1.2	3									
Amboyna burl	0.97	1.6	4.15	0.75	2									
Red heart?	0.721	1.75	4.5	0.67	1.7									
Black Palm	1.1	1.6	3.5	1.2	3									
Black Palm	1.1	1.7	3.7	1	2.5									
Black Palm	1.1	1.55	3.9	0.79	2									
Cocobolo	1.02	1.75	4	0.79	2									
Cocobolo	1.02	1.7	3.8	0.98	2.5									
Bois d'arc	0.88	1.75	4.5	0.98	2.5									
Bois d'arc	0.88	1.85	4.8	0.78	2									
Holly	0.53	2	5.1	1	2.5									
Holly	0.53	1.7	4.3	2	5									
Holly	0.53	2.13	5.4	0.79	2									
Cherry	0.64	2	5.1	0.79	2									
Cherry	0.64	1.9	4.9	1	2.5									
Hackberry	0.54	2	5.1	1	2.5									
Sycamore	0.59	2	5.1	1	2.5									
Sycamore	0.59	1.85	4.7	1.37	3.5									
Lignum Vitae	1.36	1.6	4.1	1	2.5									
Lignum Vitae	1.36	1.7	4.3	0.78	2									
Olive (Med)	0.94	1.85	4.7	0.78	2									
Olive (Med)	0.94	1.75	4.5	1	2.5									
Amazon Rosewood	0.88	1.88	4.78	0.78	2									
Amazon Rosewood	0.88	1.78	4.52	1	2.5									

