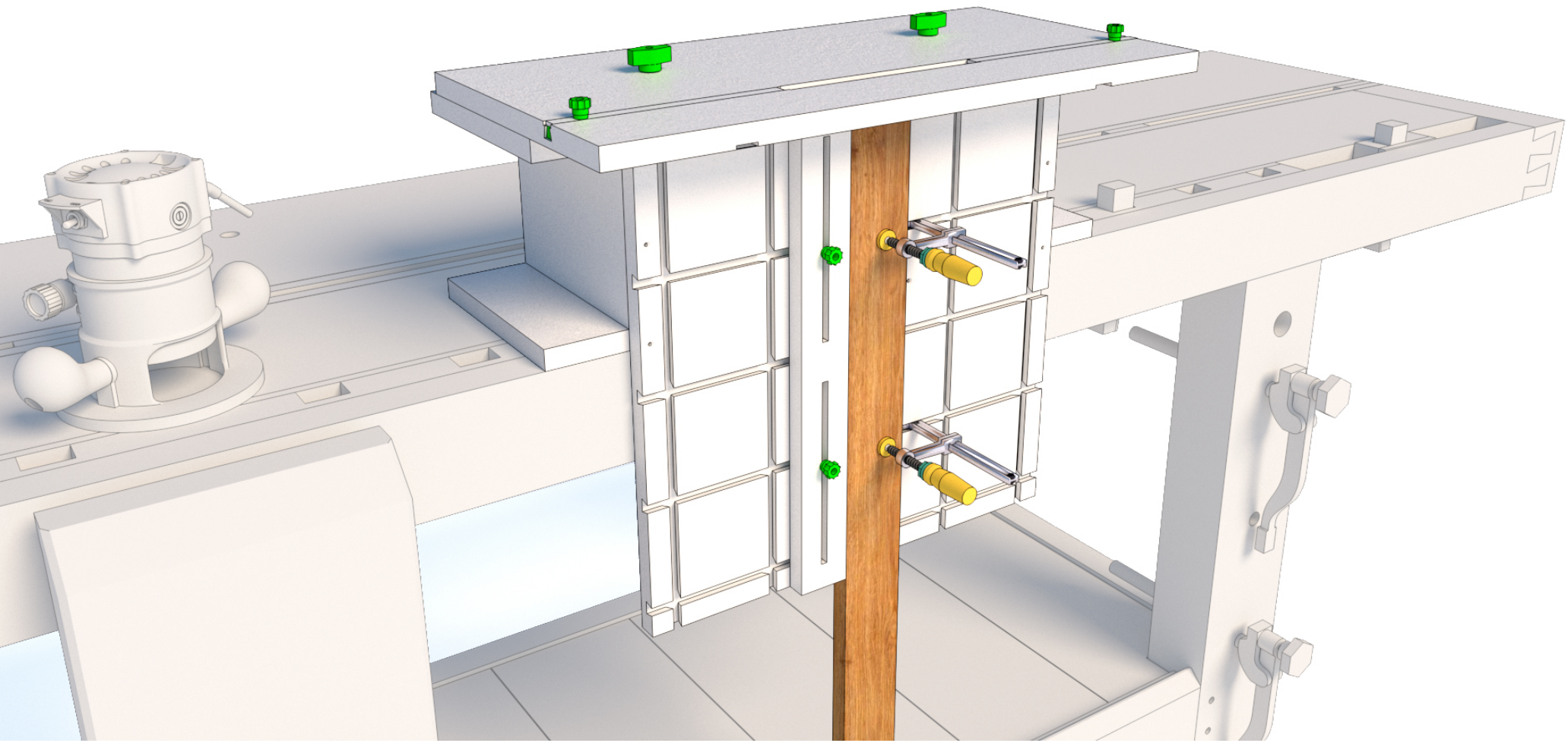
MatchFit Mortiser



Design: Marc Spagnuolo
Plans: Marc Spagnuolo & Brian Benham
Version #1

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TWW®

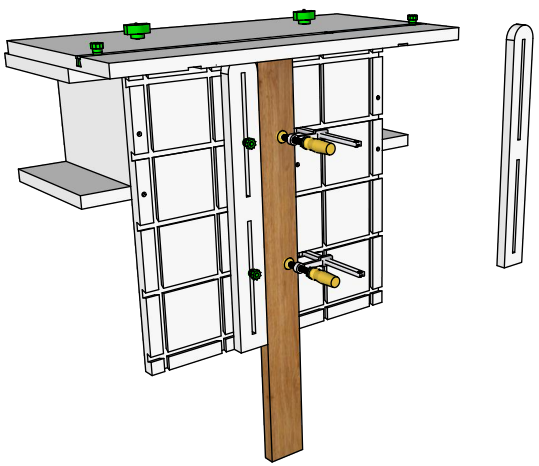
Cut List

Designation	Quantity	Material	Thickness	Width	Length
A - Sub Top	1	19 mm Plywood	19 mm	203 mm	610 mm
B - Bottom	1	19 mm Plywood	19 mm	203 mm	610 mm
C - Support Rib	3	19 mm Plywood	19 mm	152 mm	203 mm
D - Hardwood Runner	2	19 mm Plywood	6 mm	19 mm	203 mm
E - Clamping Plate	1	19 mm Plywood	19 mm	457 mm	457 mm
F - Sliding Top	1	19 mm Plywood	19 mm	205 mm	610 mm
G - Adjustable Fence	2	19 mm Plywood	19 mm	51 mm	457 mm
H - Sliding Stop	2	3 mm Metal	3 mm	13 mm	203 mm

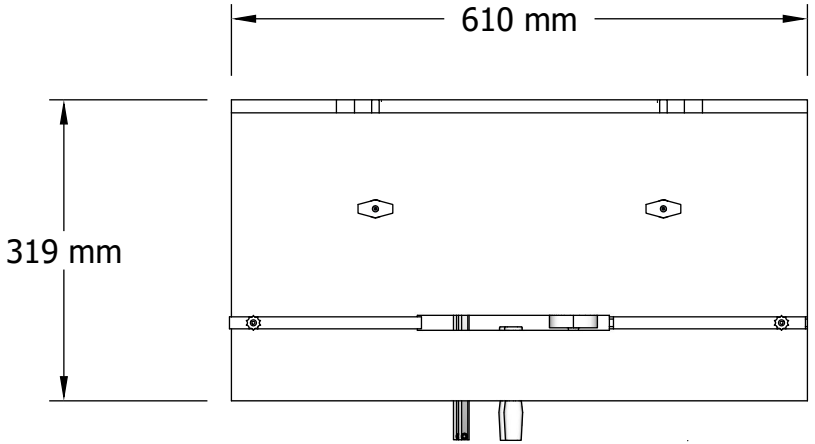
Materials List

- 1 Sheet - 19 mm Plywood
- 1 each - 3 mm x 13 mm metal flat bar
- 1 each - Microjig MATCHFIT Dovetail Clamp Kit
- Assorted wood screws

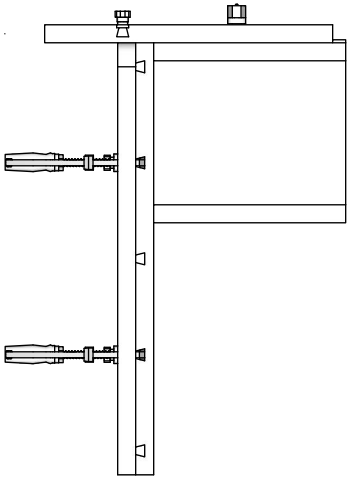
Elevations



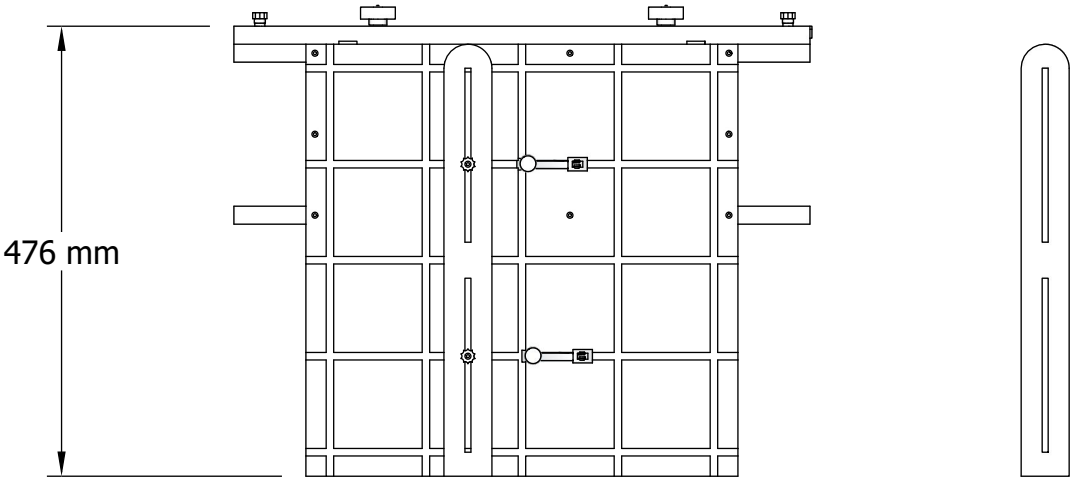
Perspective



Top View

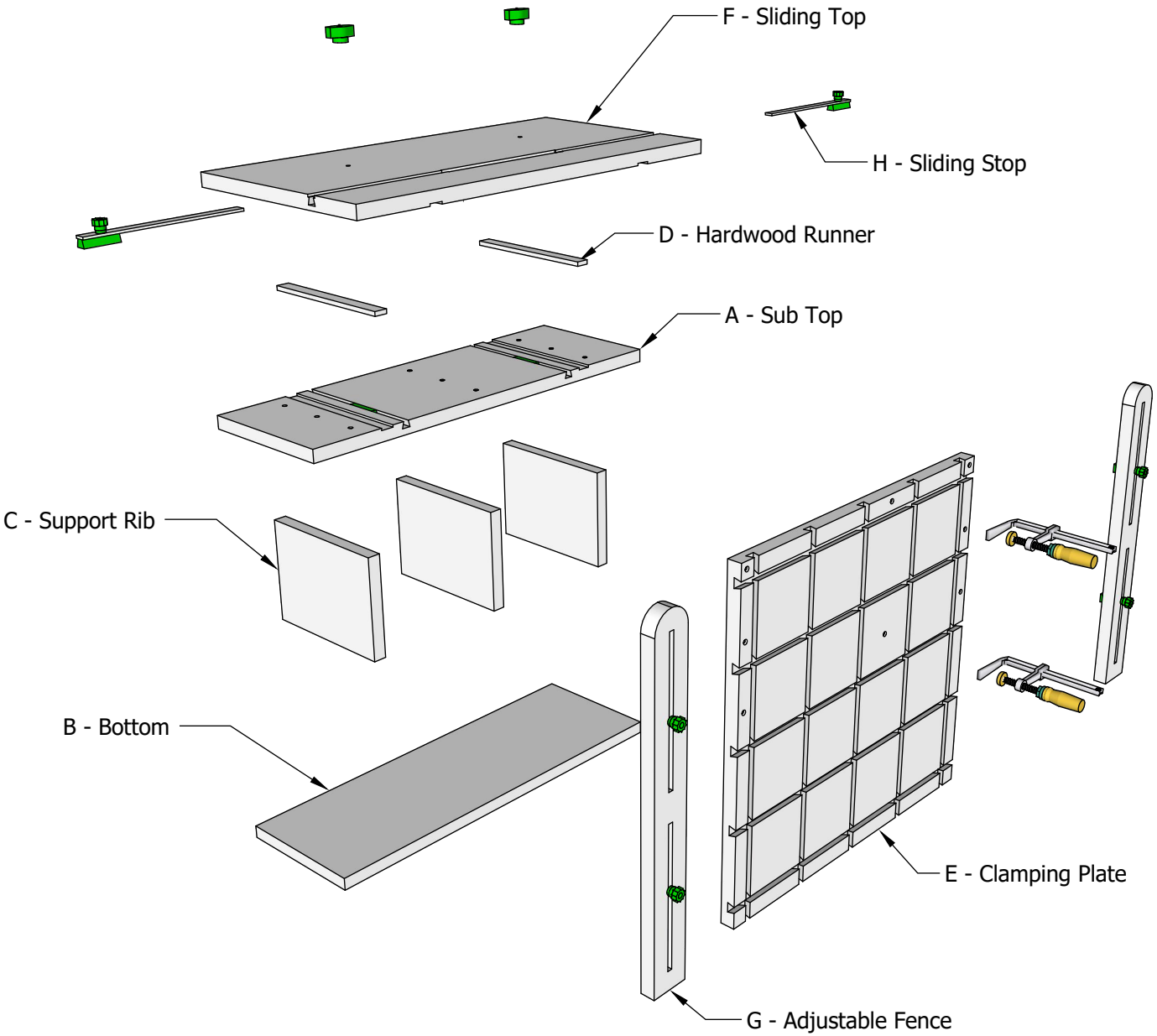


Left View

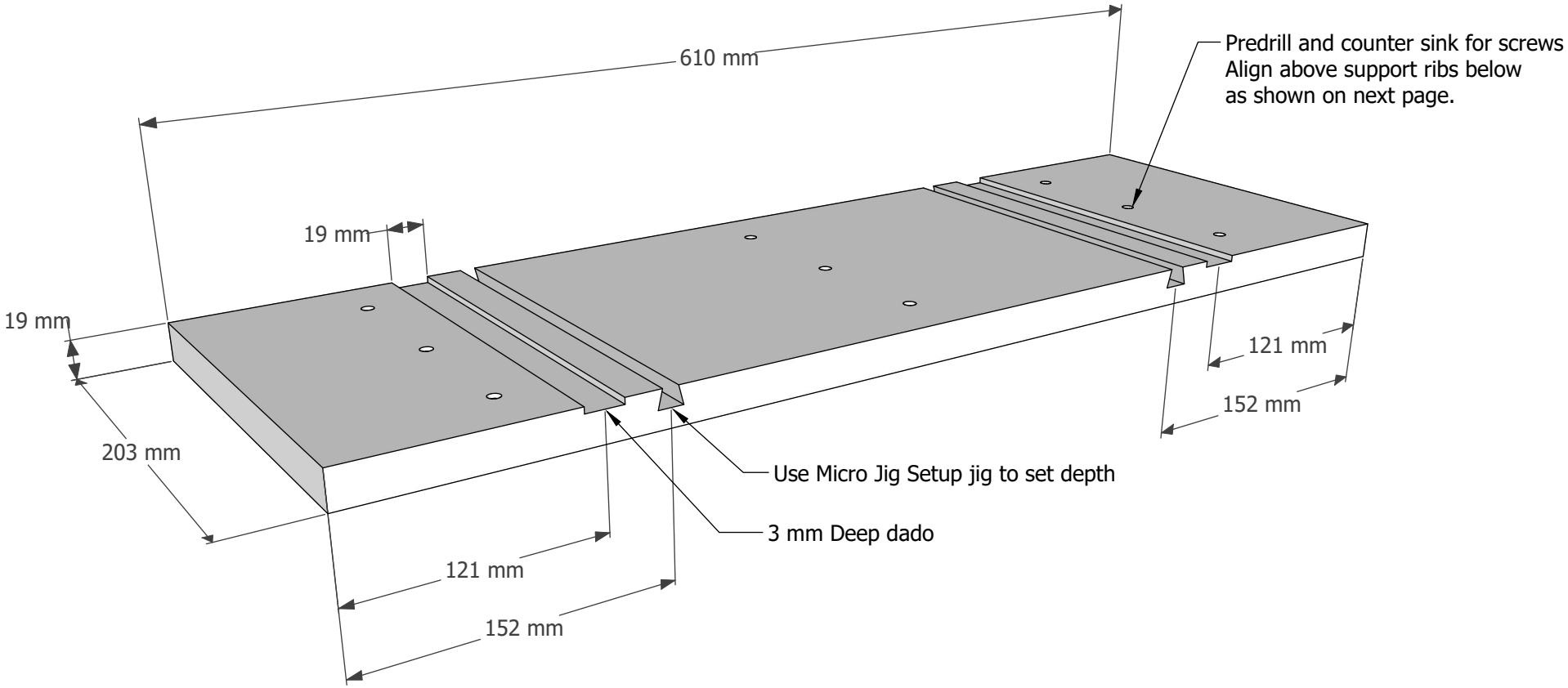


Front View

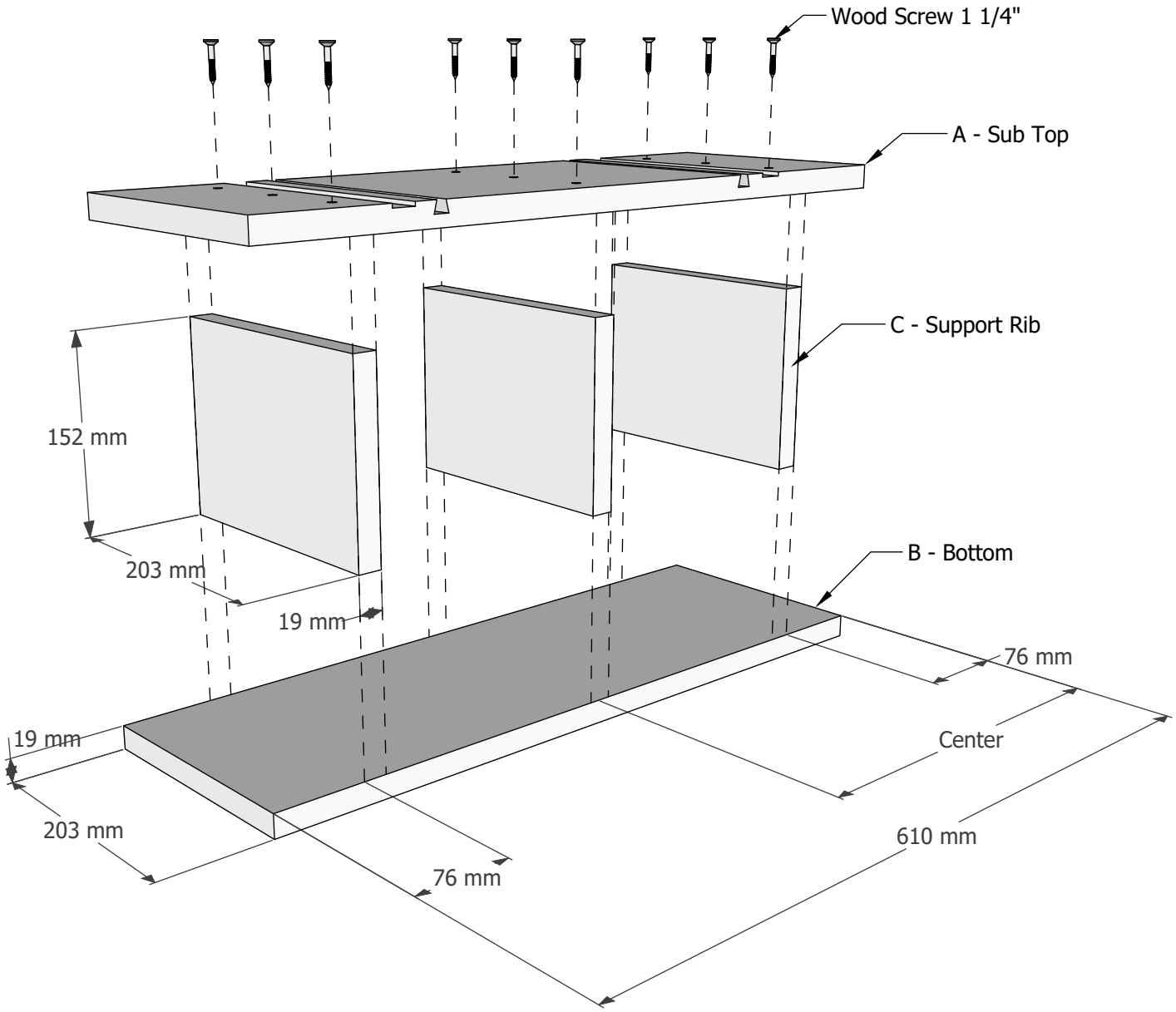
Exploded View



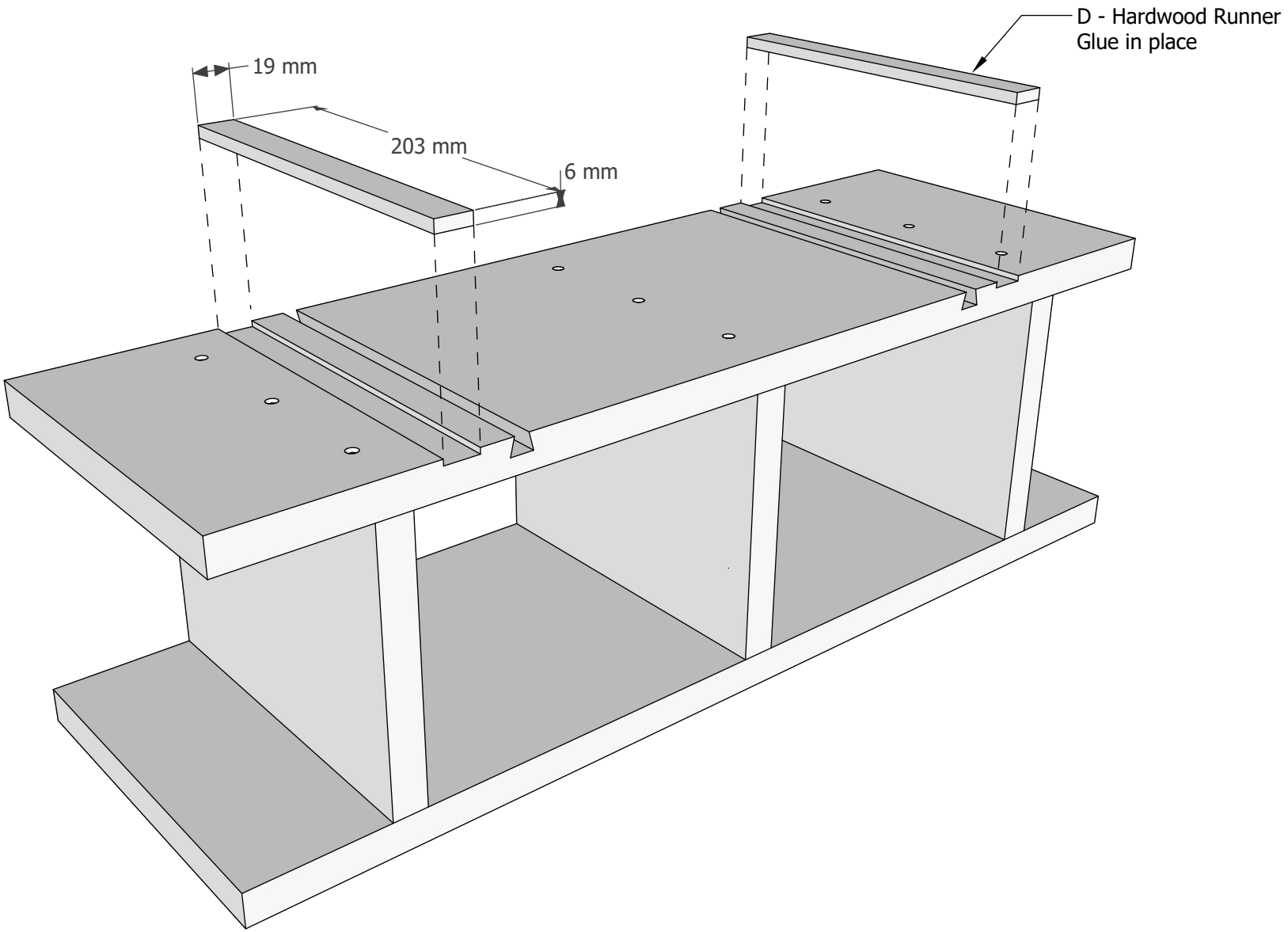
Sub Top


610 mm
Predrill and counter sink for screws
Align above support ribs below
as shown on next page.
19 mm
19 mm
121 mm
152 mm
203 mm
Use Micro Jig Setup jig to set depth
3 mm Deep dado
121 mm
152 mm

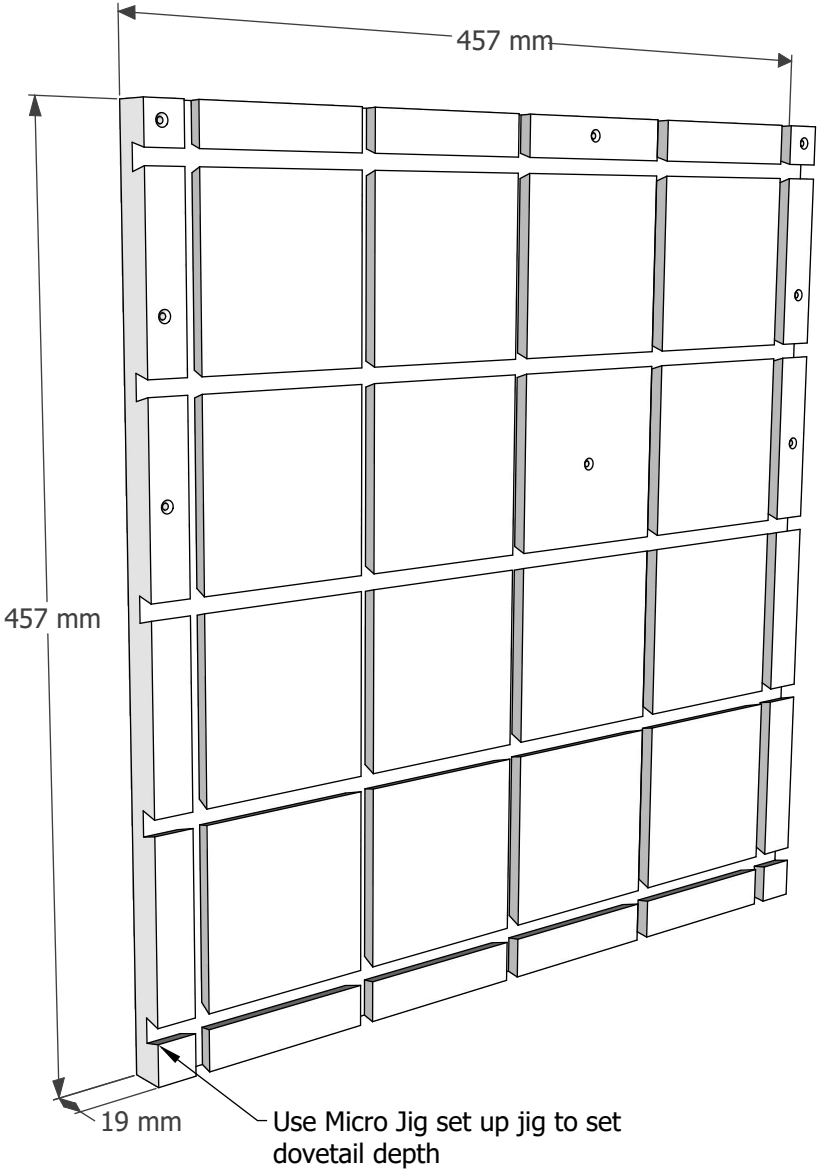
Base Assembly

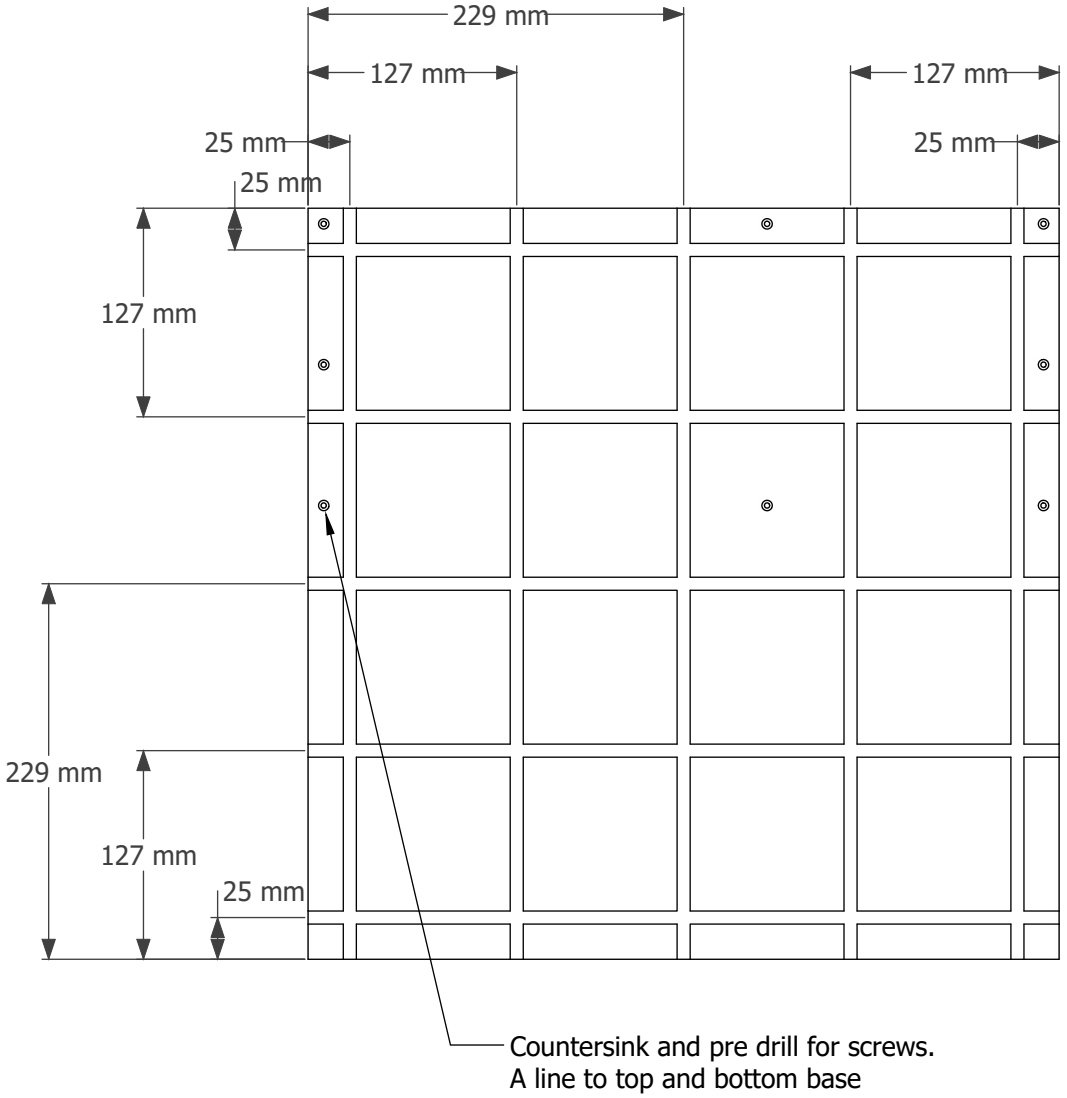


Hardwood Runners

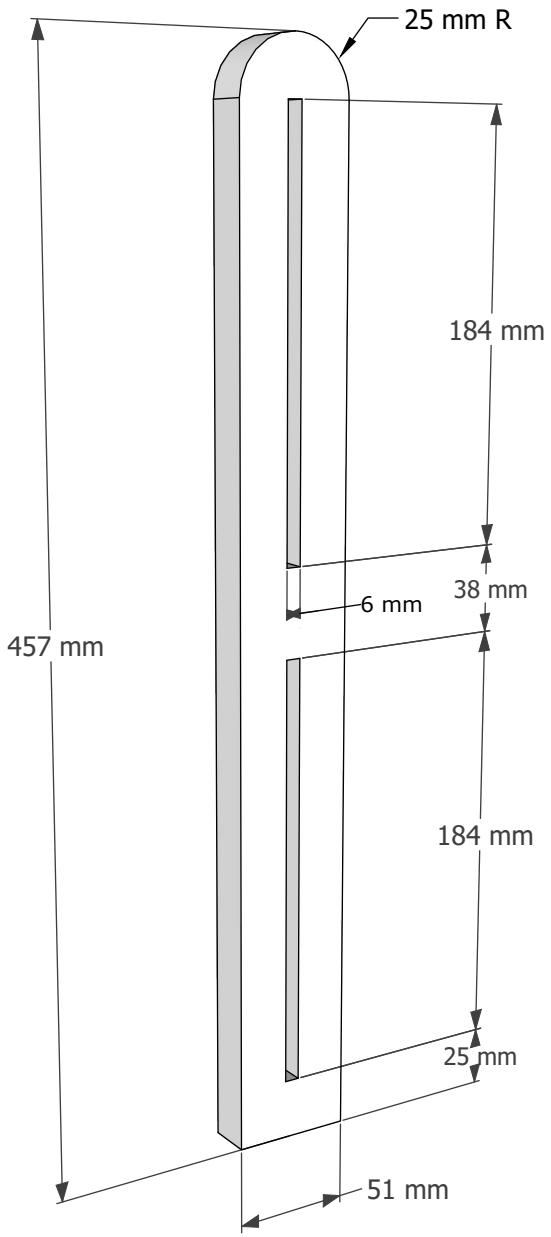


Clamping Plate

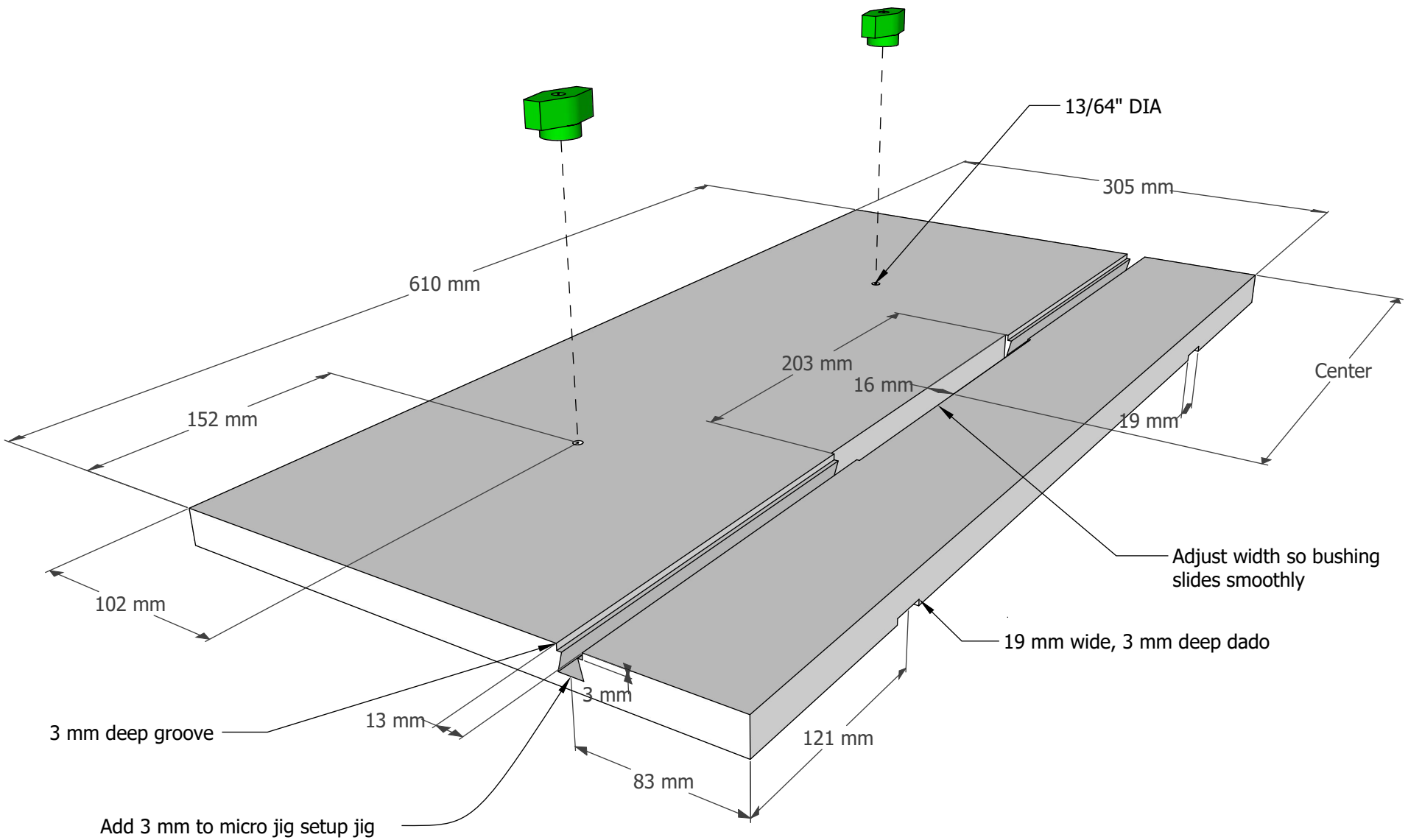




Adjustable Fence



Sliding Top


13/64" DIA
305 mm
610 mm
203 mm
16 mm
Center
152 mm
19 mm
Adjust width so bushing slides smoothly
102 mm
19 mm wide, 3 mm deep dado
3 mm
3 mm deep groove
13 mm
121 mm
83 mm
Add 3 mm to micro jig setup jig

Sliding Stop Assembly

