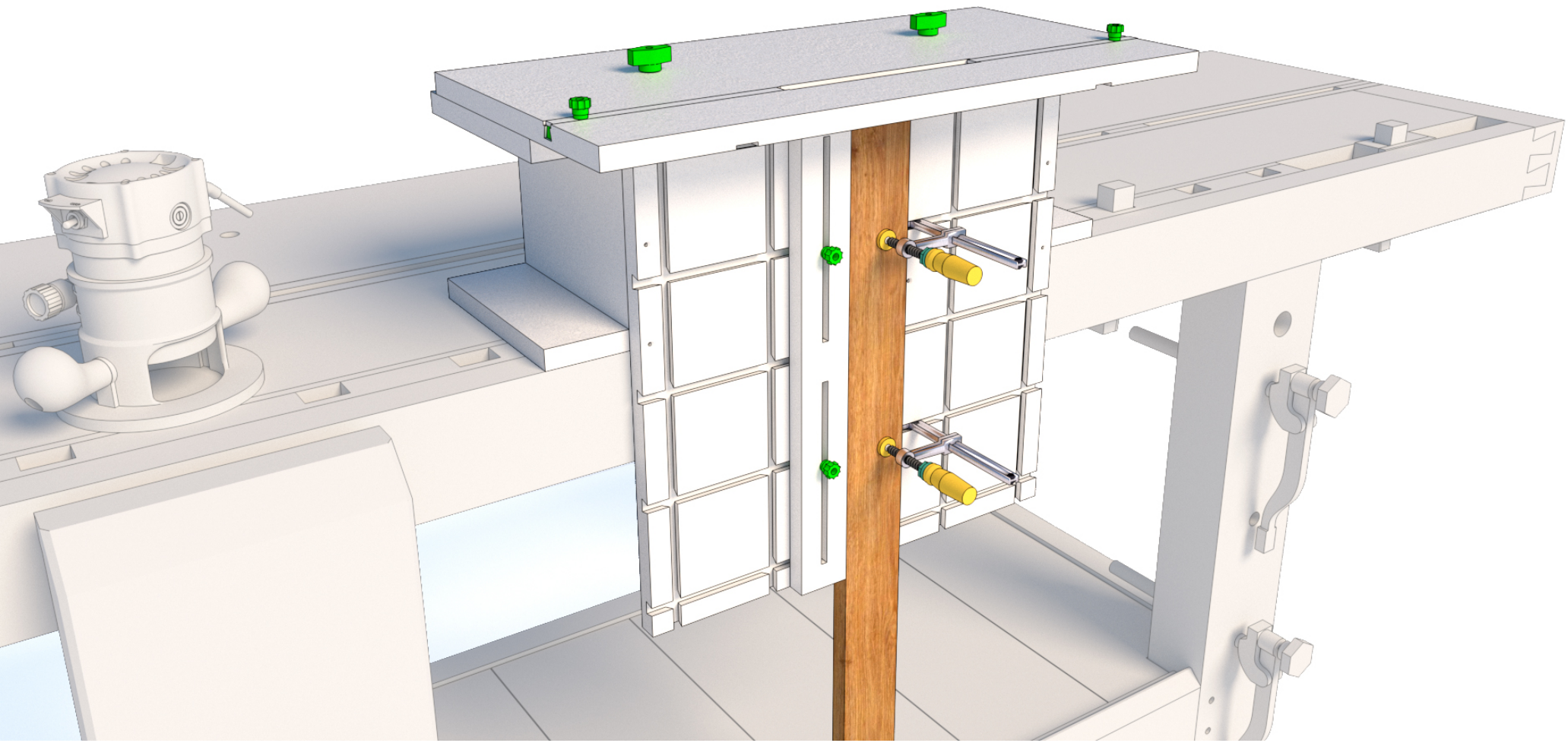
MatchFit Mortiser



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

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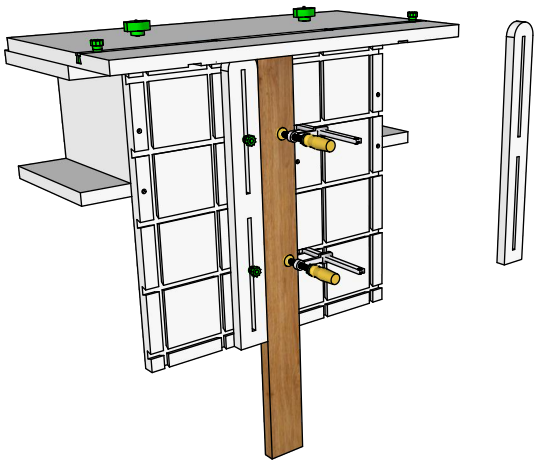
Cut List

Designation	Quantity	Material	Thickness	Width	Length
A - Sub Top	1	3/4" Plywood	3/4"	8"	24"
B - Bottom	1	3/4" Plywood	3/4"	8"	24"
C - Support Rib	3	3/4" Plywood	3/4"	6"	8"
D - Hardwood Runner	2	3/4" Plywood	1/4"	3/4"	8"
E - Clamping Plate	1	3/4" Plywood	3/4"	18"	18"
F - Sliding Top	1	3/4" Plywood	3/4"	12"	24"
G - Adjustable Fence	2	3/4" Plywood	3/4"	2"	18"
H - Sliding Stop	2	1/8" Metal	1/8"	1/2"	8"

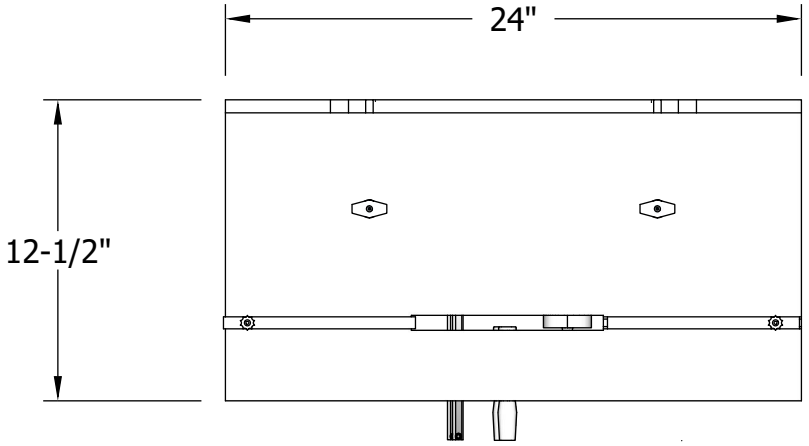
Materials List

- 1 Sheet - 3/4" Plywood
- 1 each - 1/8" x 1/2" metal flat bar
- 1 each - Microjig MATCHFIT Dovetail Clamp Kit
- Assorted wood screws

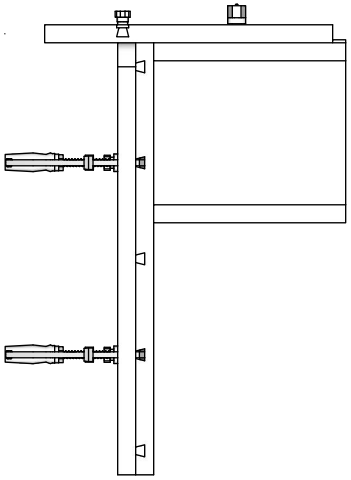
Elevations



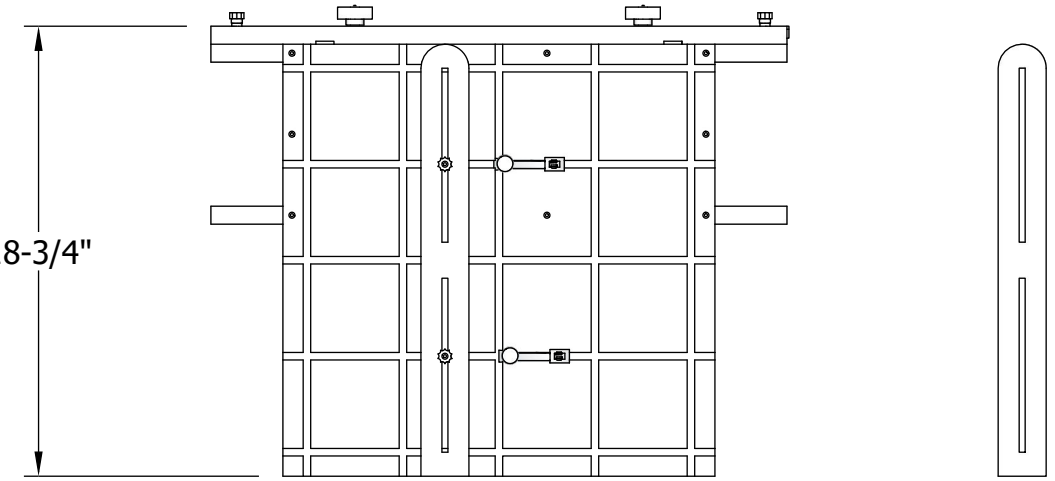
Perspective



Top View

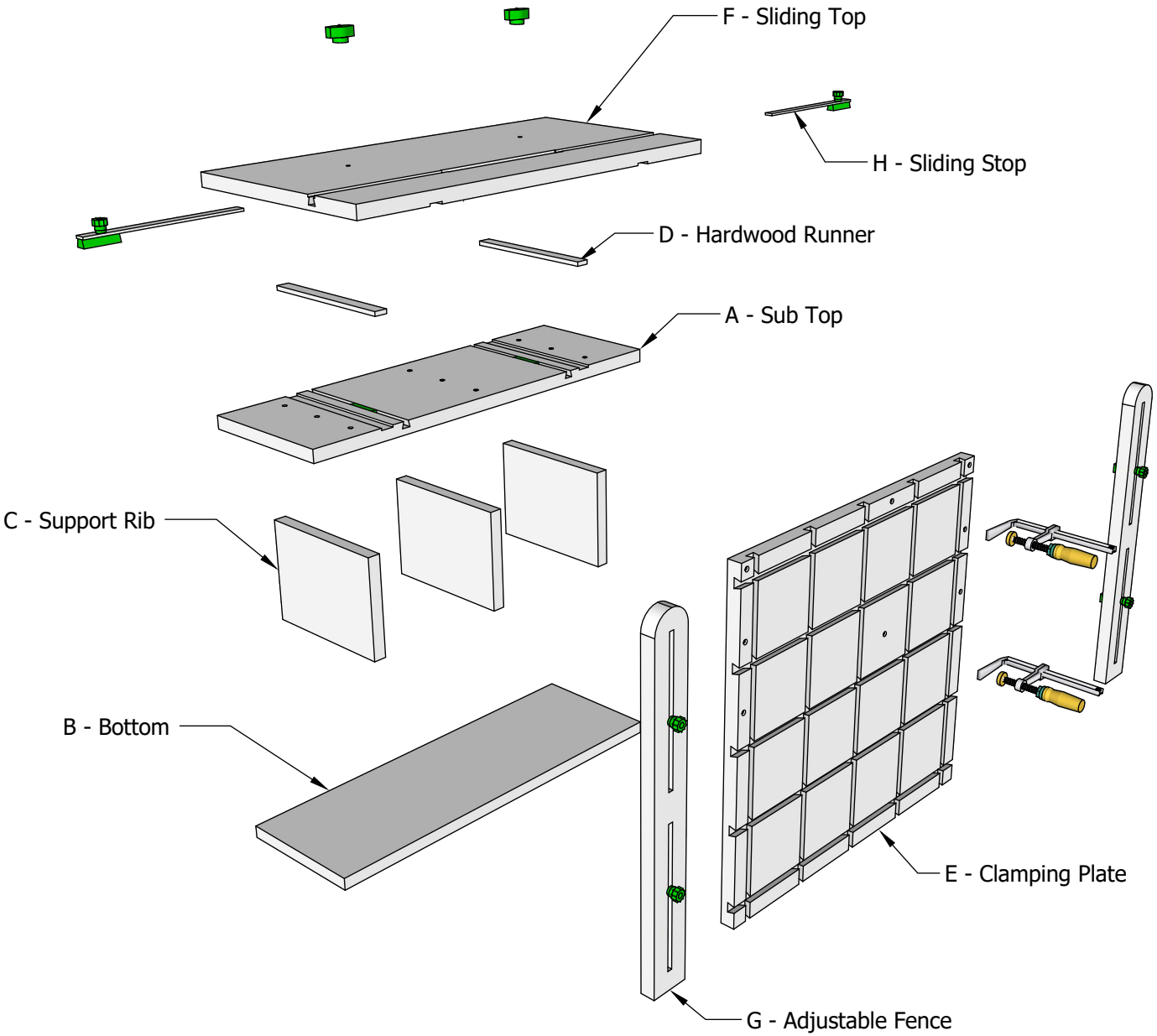


Left View

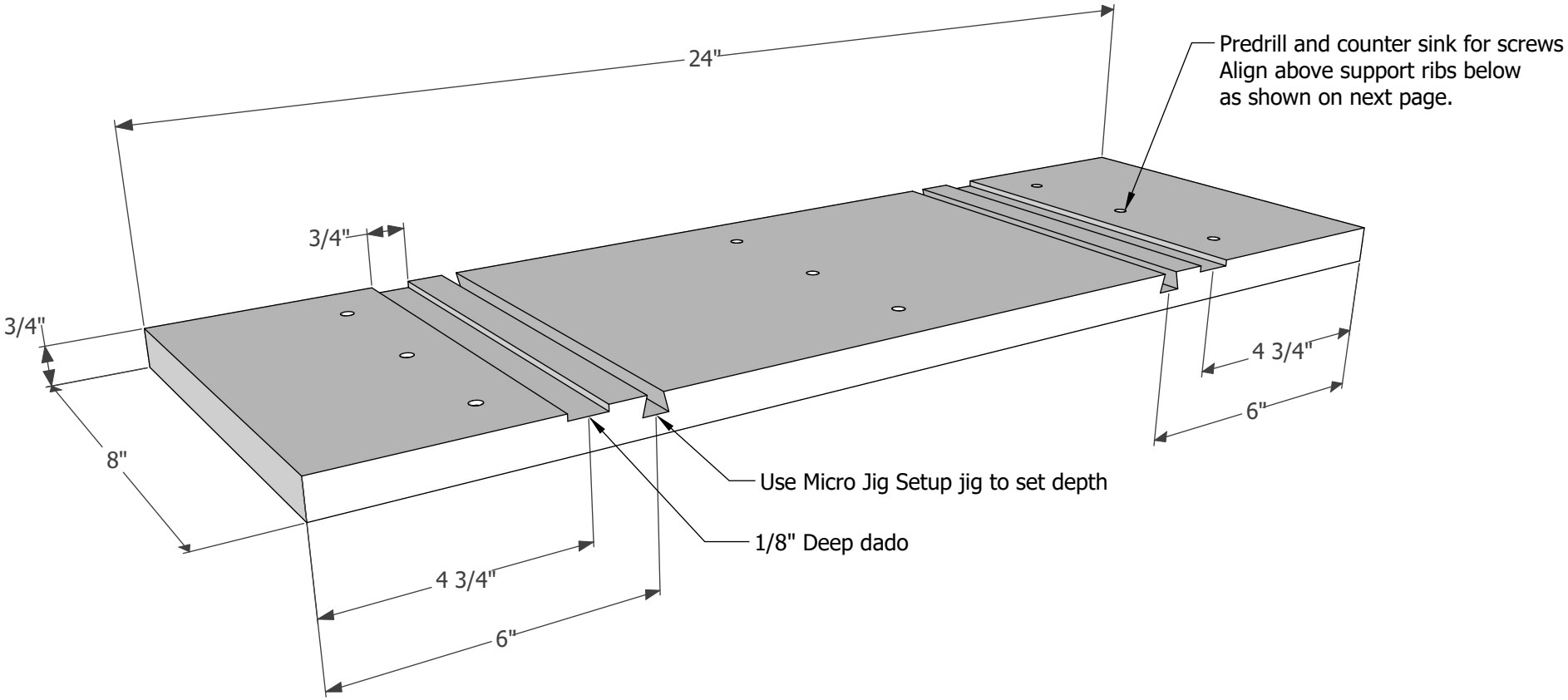


Front View

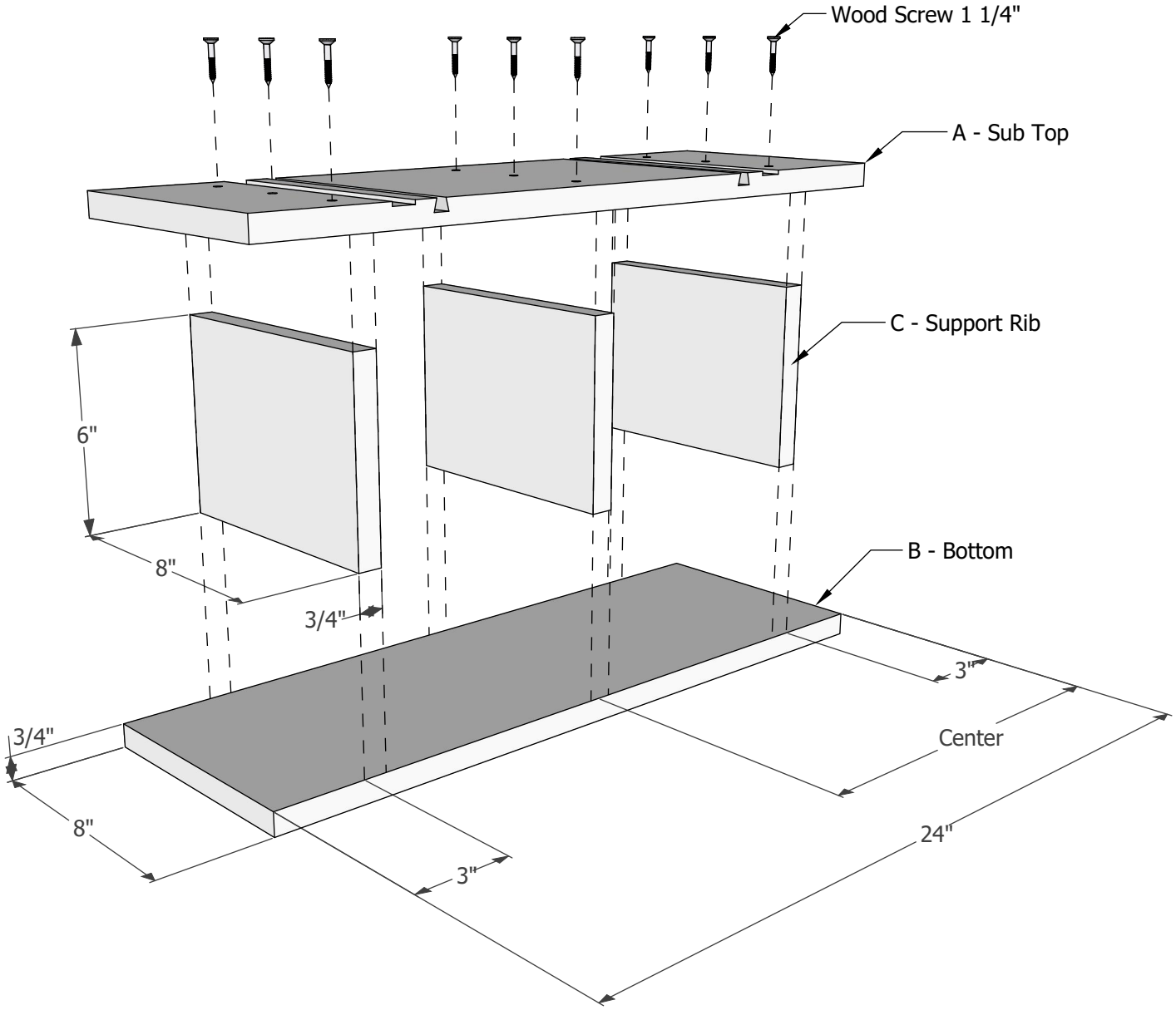
Exploded View



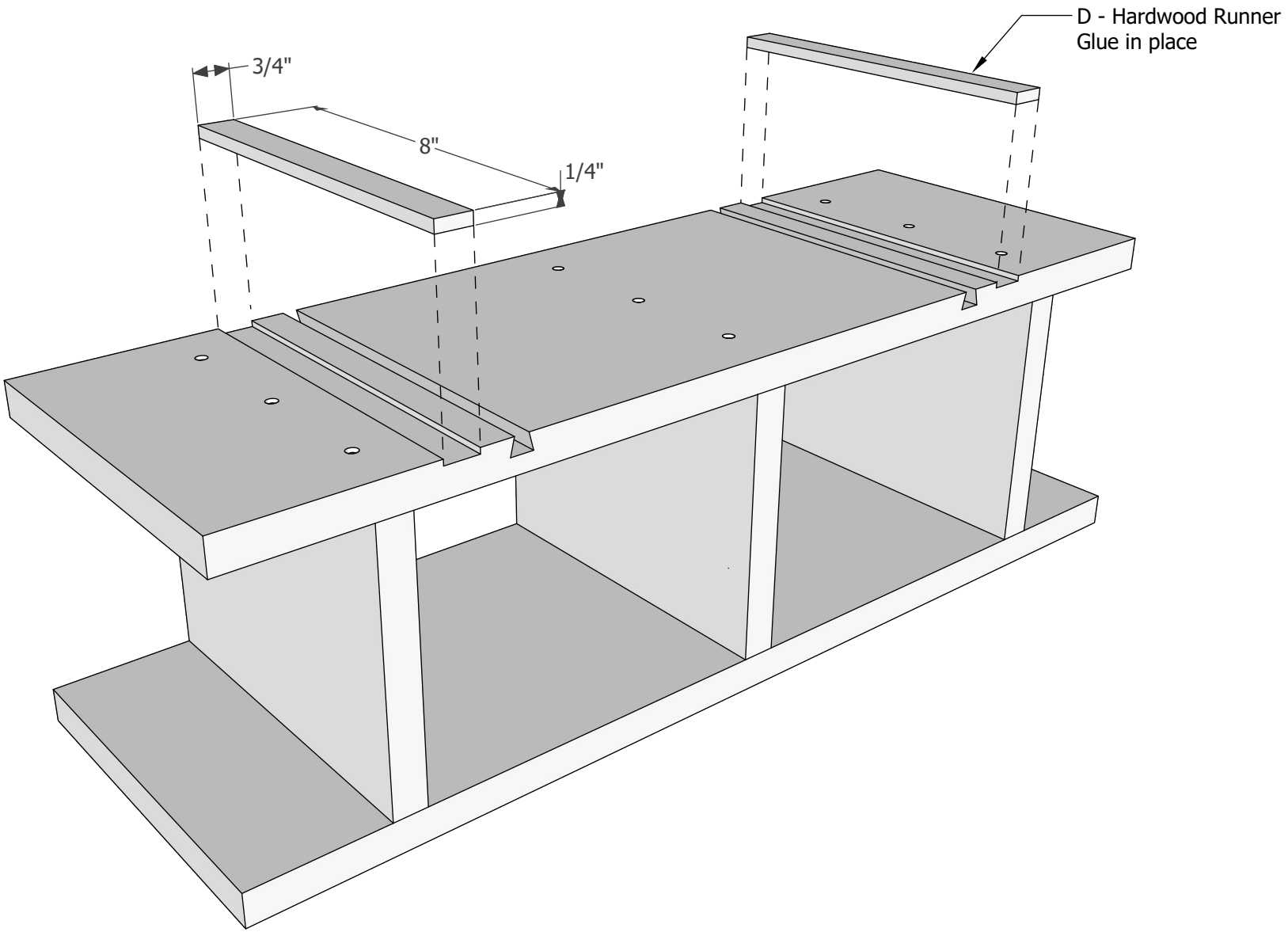
Sub Top


24"
Predrill and counter sink for screws
Align above support ribs below
as shown on next page.
3/4"
3/4"
4 3/4"
6"
8"
Use Micro Jig Setup jig to set depth
1/8" Deep dado
4 3/4"
6"

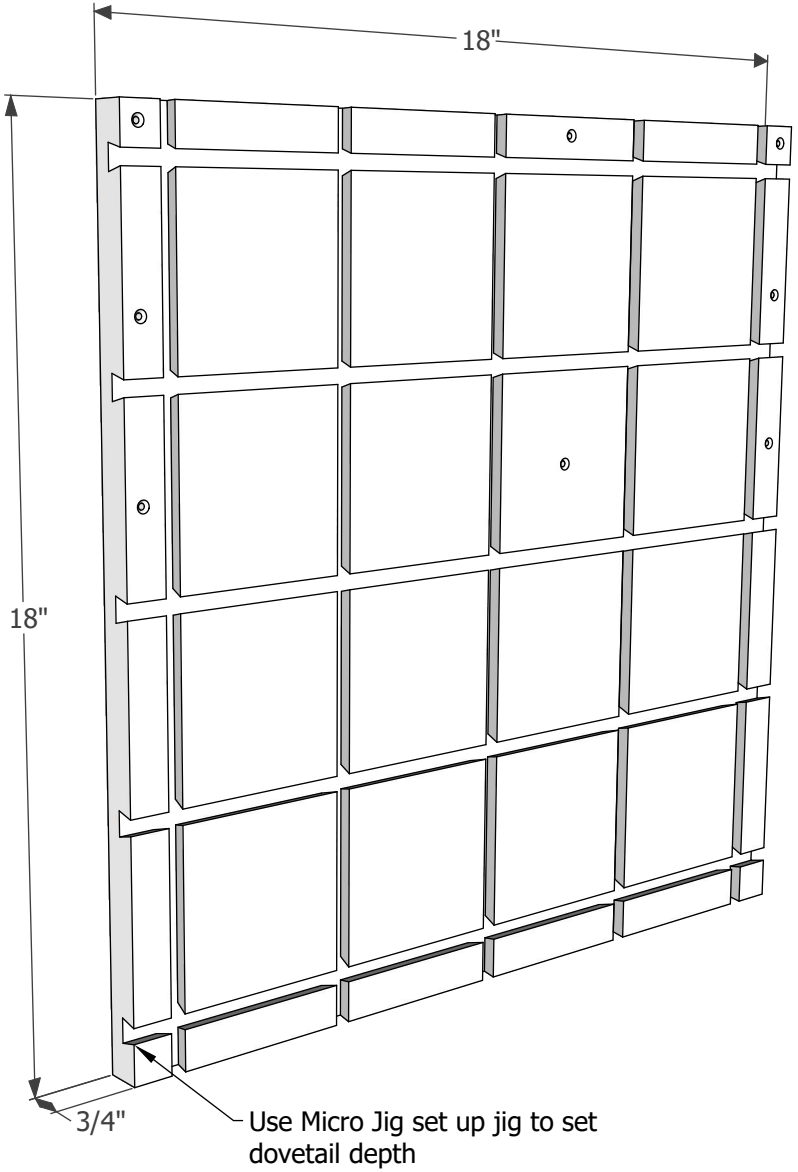
Base Assembly

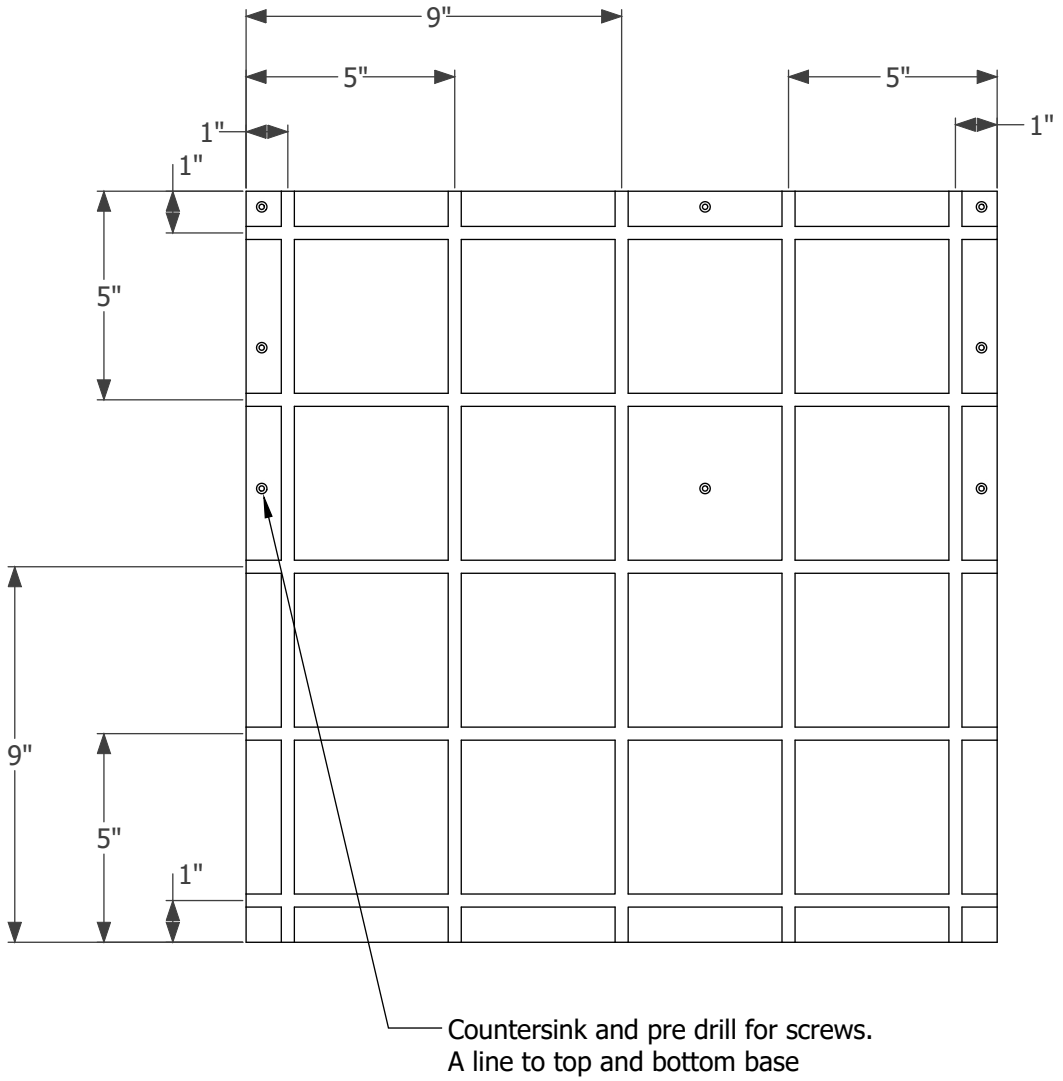


Hardwood Runners

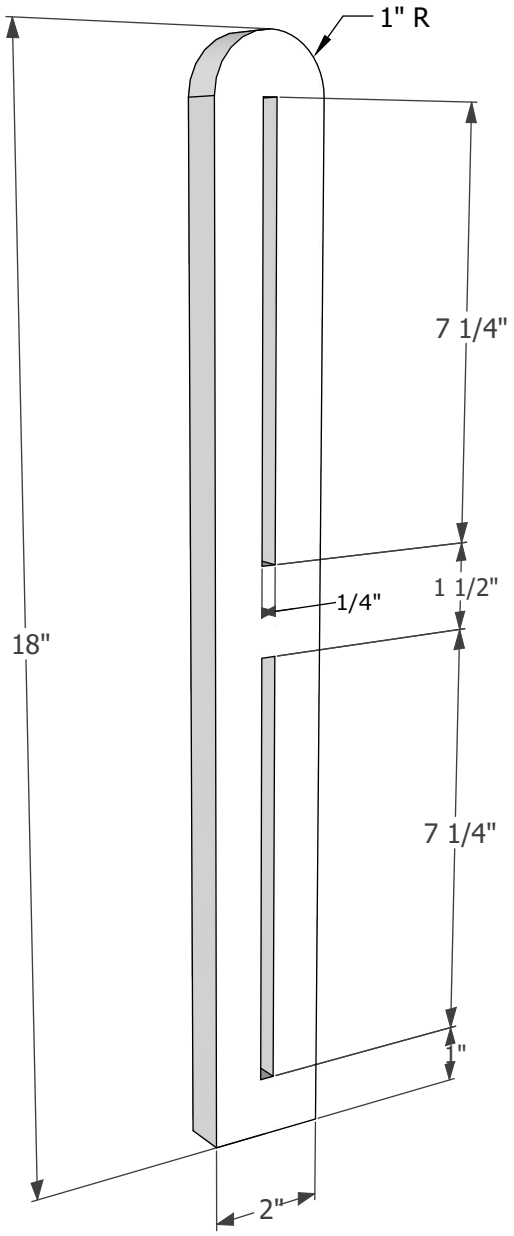


Clamping Plate

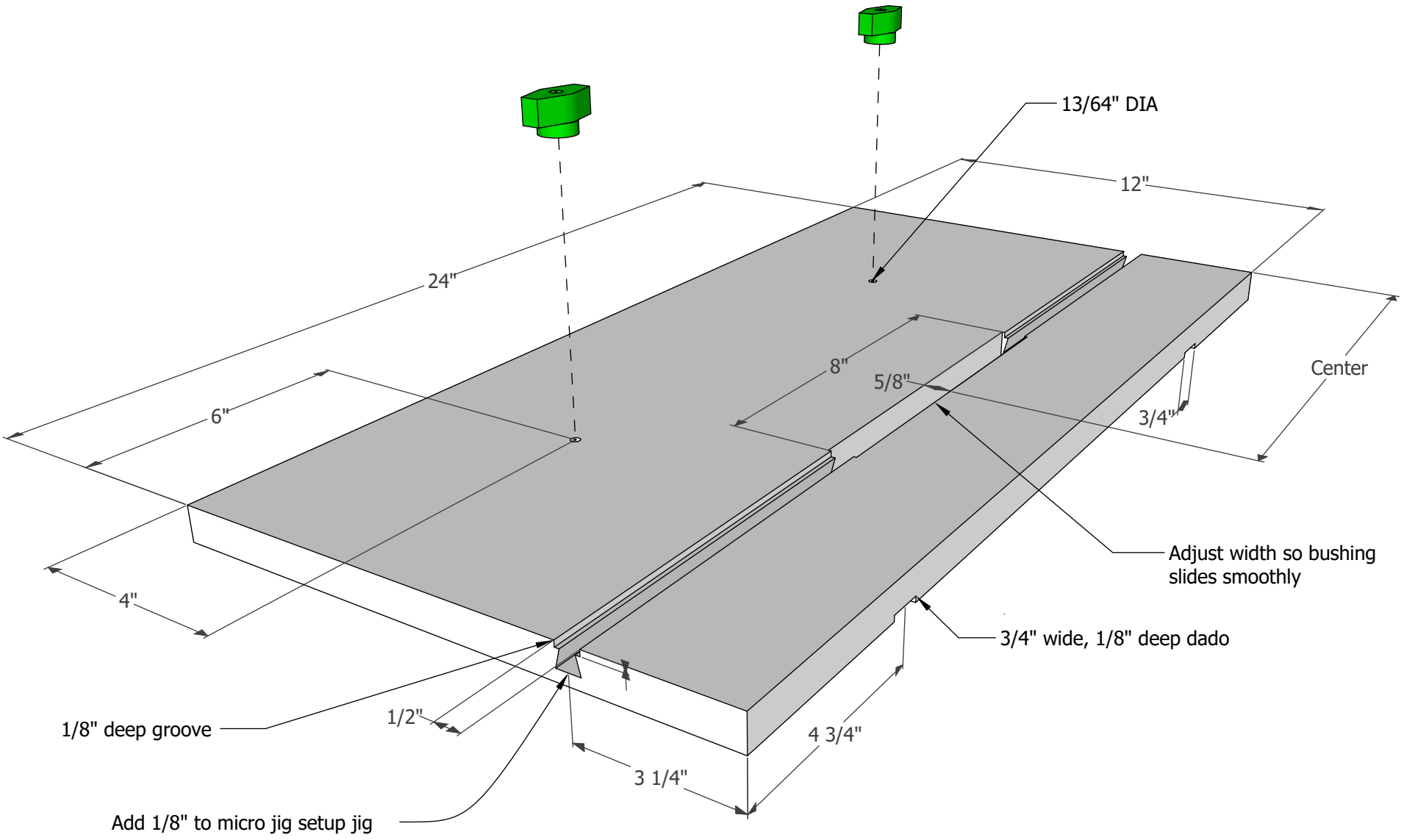




Adjustable Fence



Sliding Top


13/64" DIA
12"
24"
6"
8"
5/8"
3/4"
Center
4"
Adjust width so bushing slides smoothly
3/4" wide, 1/8" deep dado
1/8" deep groove
1/2"
4 3/4"
3 1/4"
Add 1/8" to micro jig setup jig

Sliding Stop Assembly

