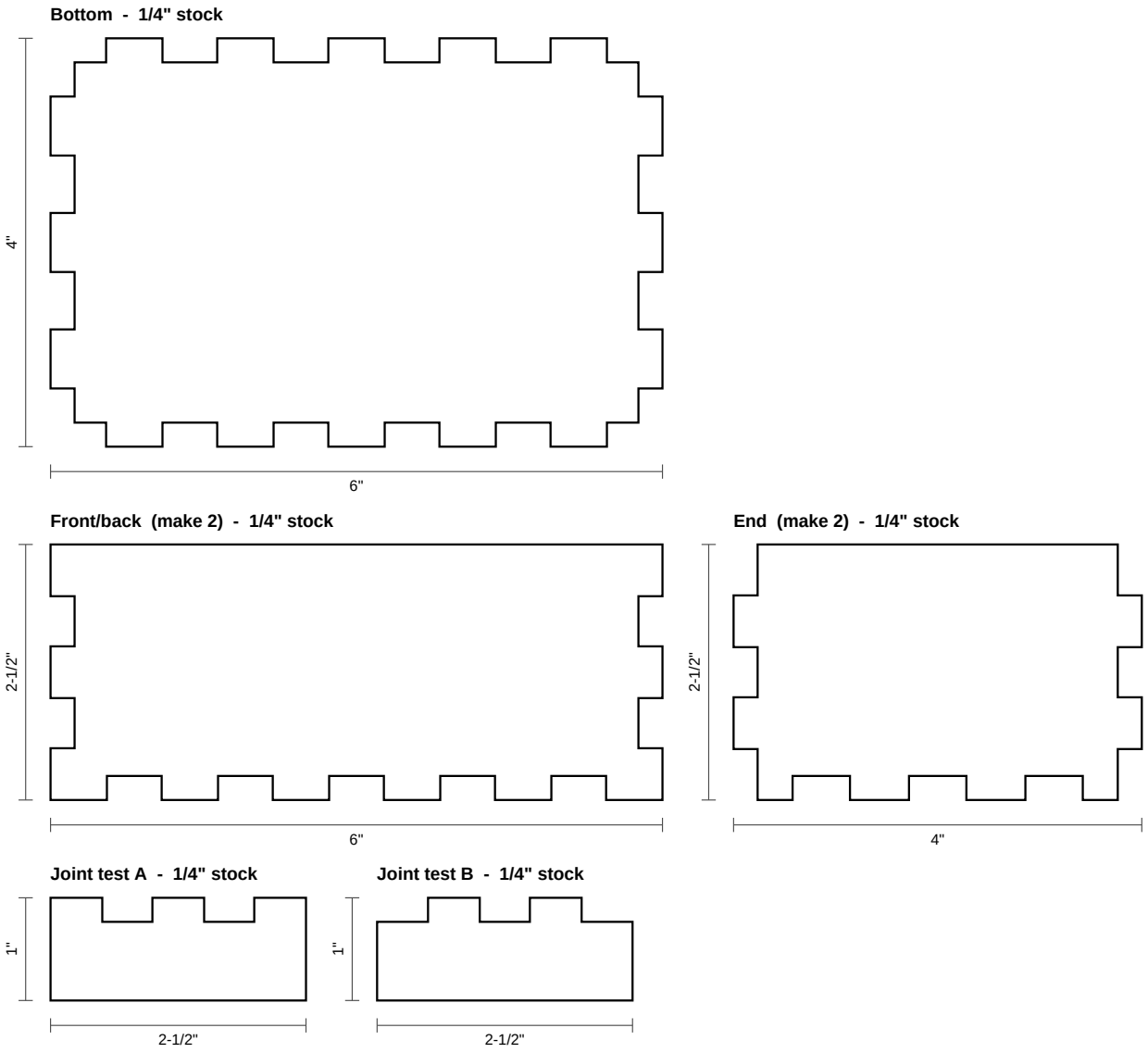
Finger-Joint Catch-All

Open box 6" x 4" x 2-1/2" outside. Desk tray, valet box or a first finger-joint project.



Machine & stock

CO2 or diode laser, cut only.

Drawn for 0.236" (6 mm) plywood with a 0.008" kerf; outlines are already kerf-compensated.

Steps

1. Cut the two joint-test pieces first and press them together. They should go together with firm hand pressure; adjust your laser kerf offset slightly if your plywood runs thicker or thinner.

2. Cut the box parts.

3. Dry fit: the front and back own the corners, the ends slot between them, and the bottom's fingers fill the gaps along the bottom edges.

4. Glue with a thin bead of wood glue on the fingers, clamp or tape, and wipe squeeze-out.

5. Sand the scorch off the faces and finish with DuraGrain Hardwax Oil (12 fl oz) using the included #0000 white palm pad and buff dry after 15 minutes with the grey microfiber cloth.

Files

dxf/finger-joint-catch-all.dxf, svg/finger-joint-catch-all.svg

Plan view, drawn at about 1:1.7. Grey = pocket (depth noted), dashed = underside pocket, light fill = through cut. Cut files are full size.