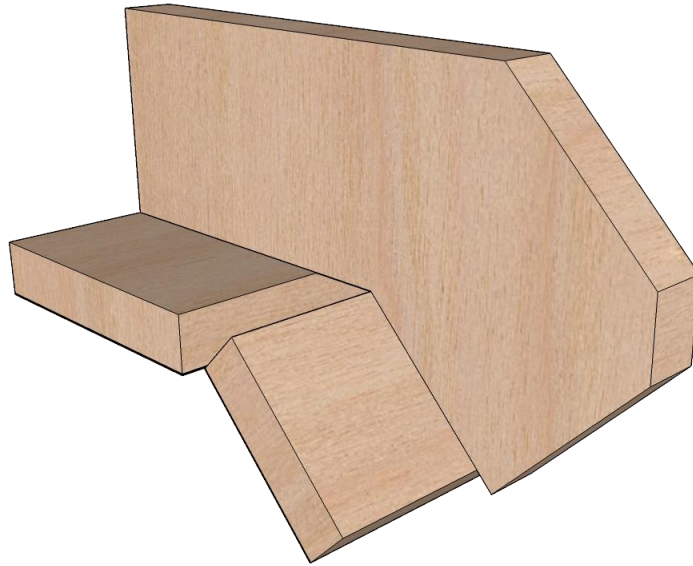




Chamfer Sander

Designed by Bill Nosie, Borouz Enterprises, LLC.

www.borouz.com

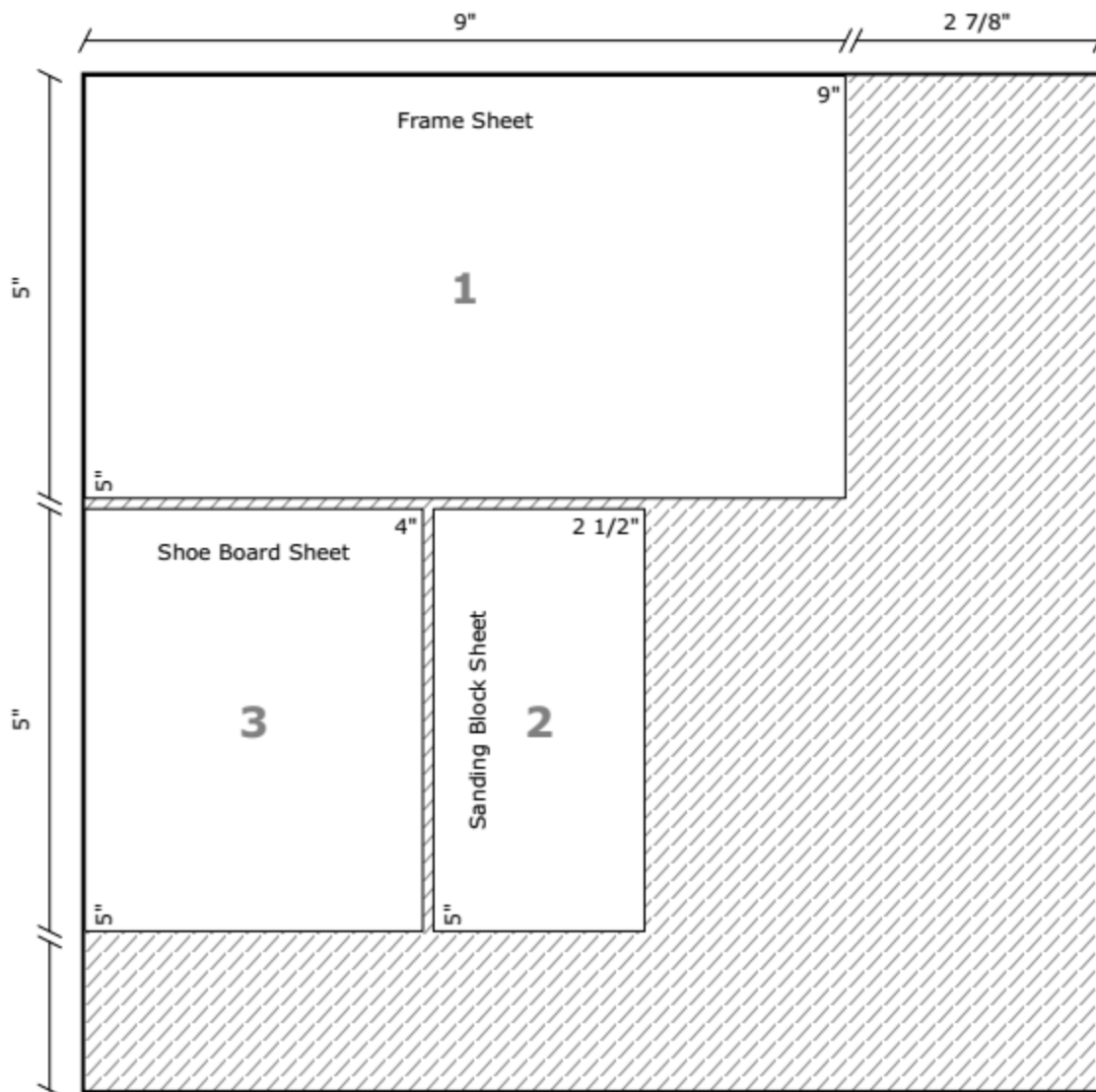


This is a sanding jig for sanding a 45 degree chamfer.

Materials

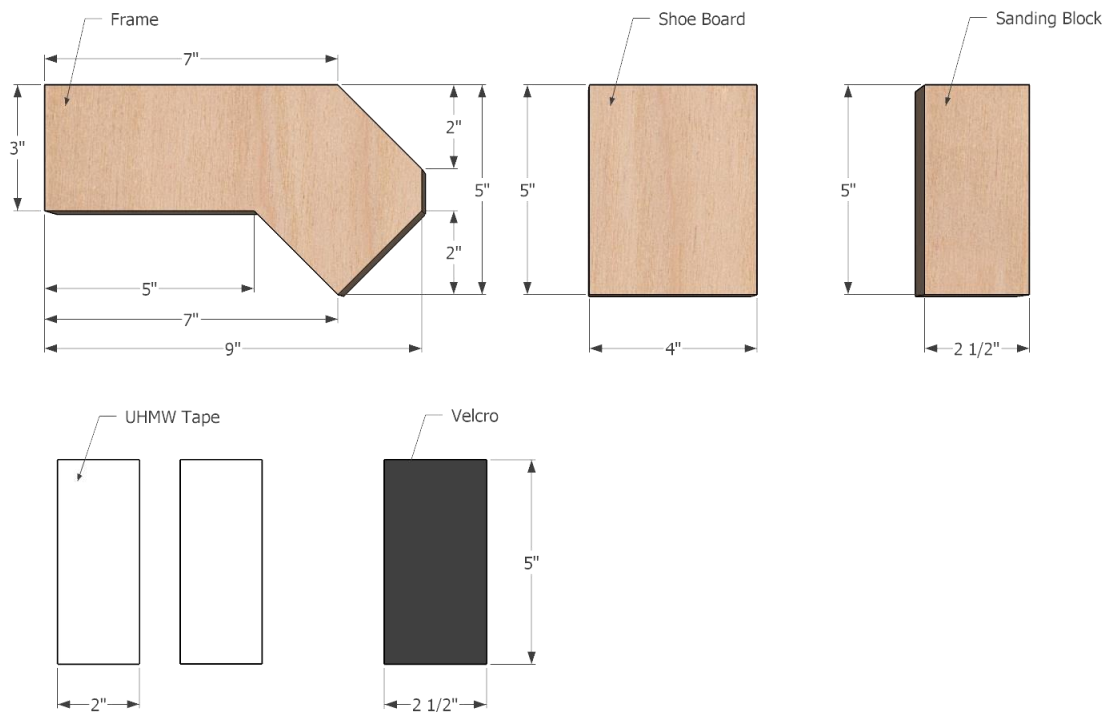
Part #	Description	Copies	Thickness	Width	Length	Material
S-001	Frame	1	3/4"	9"	5"	Birch Plywood
S-002	Sanding Block	1	3/4"	2 1/2"	5"	Birch Plywood
S-003	Shoe Board	1	3/4"	4"	5"	Birch Plywood
P-001	Velcro Tape	1		2.5"	5"	Velcro Tape
P-002	UHMW Tape	2		2"	5"	UHMW Tape
P-003	Construction Screws	4			2"	Construction Screws

Cutting Diagram

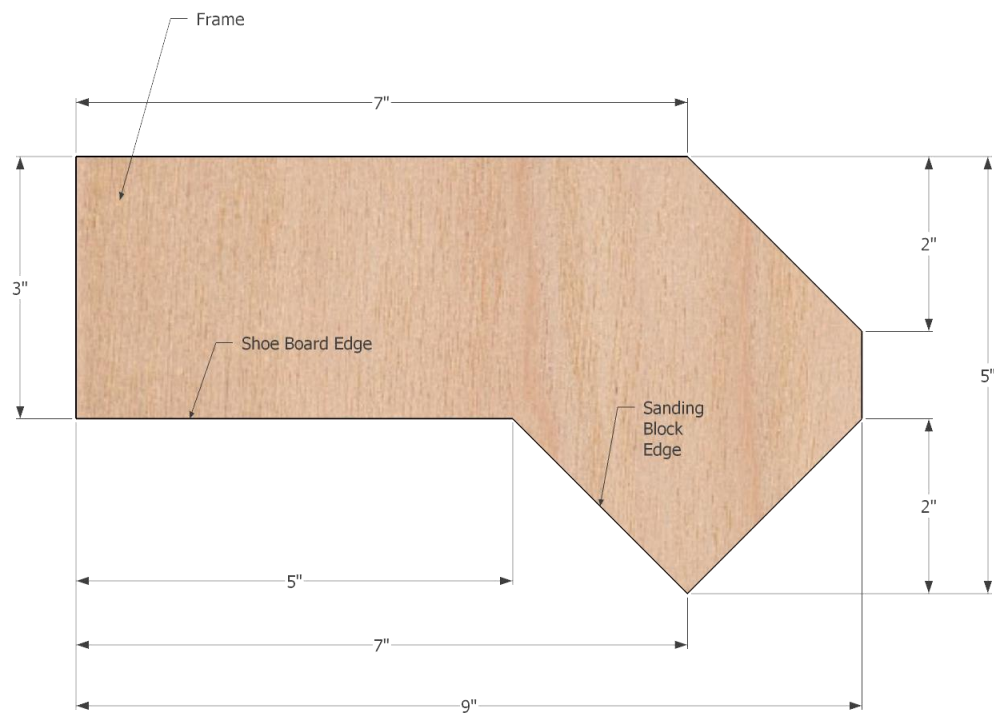




Exploded View



Frame Detail





Cutting

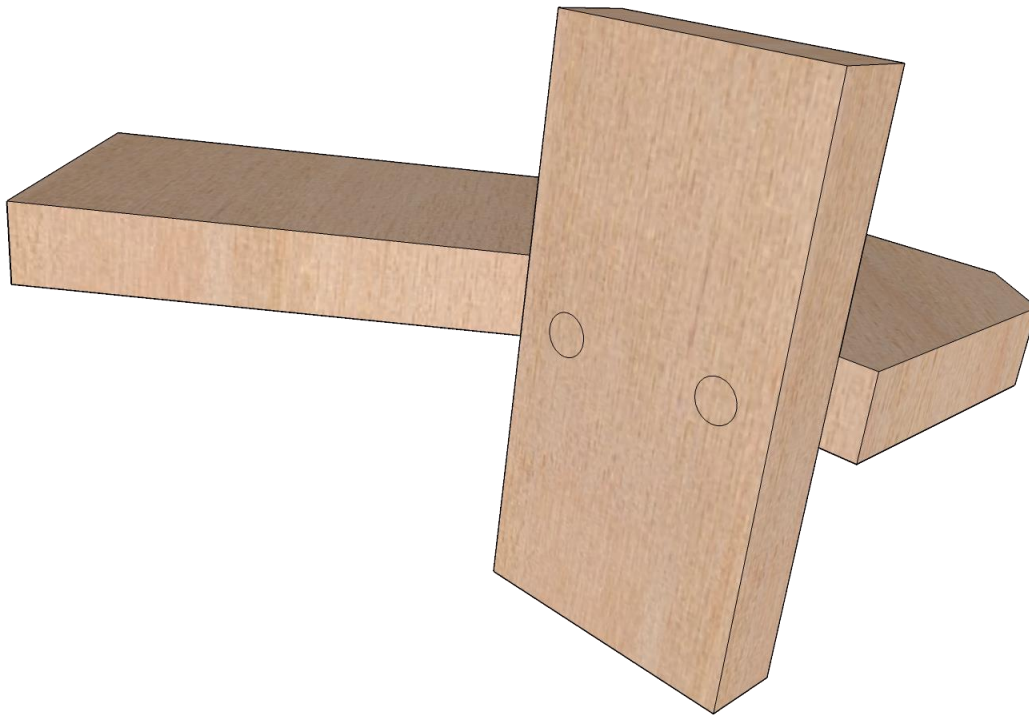
Refer to the cutting diagram. Cut the main pieces from a piece of 3/4" plywood.

Cut the frame per the measurements in the Frame Detail diagram. Making all cuts on the tablesaw will provide a flat and square surface to attach the shoe board and sanding block.

Cut UHMW tape and Velcro tape to fit the shoe and sanding blocks. Multiple pieces may be needed.

Assembly

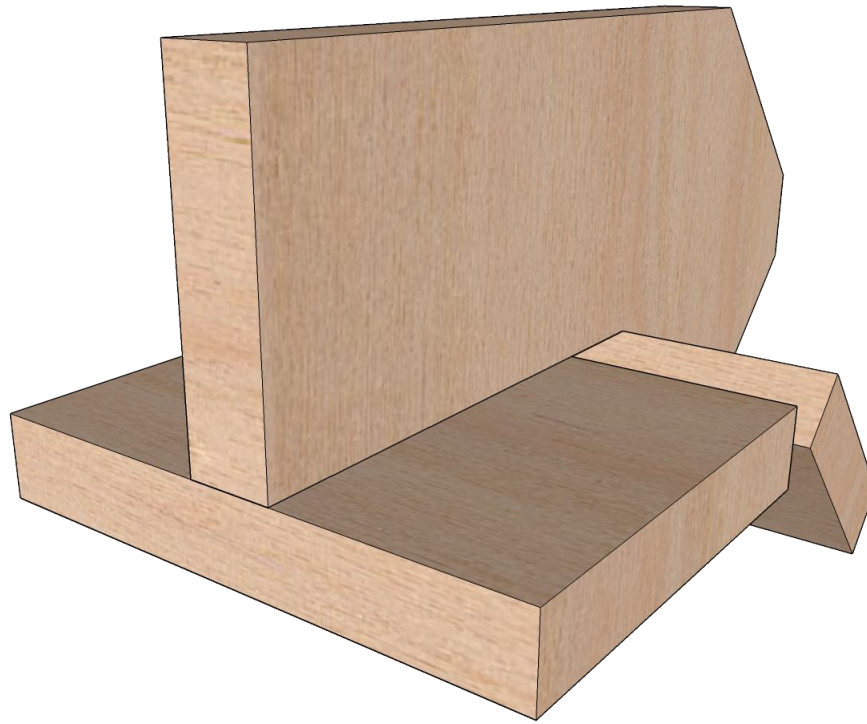
Refer to the Frame Detail diagram. Clamp the sanding block to the sanding block edge of the frame, centering the edge on the sanding block, as shown below.



Drill and screw the sanding block to the frame.



Clamp the shoe board to the shoe board edge of the frame, centering the edge on the shoe board, as shown below.



Drill and screw the shoe board to the frame.

Sand these faces to make sure there is no tear-out or rough edges at the screw holes or edges.

Attach Velcro to the sanding block face.

Attach UHMW tape to the shoe board face.

Usage

Attach sanding sheet to Velcro. The UHMW tape prevents the sanding jig from marring the face of the workpiece. Slide jig back and forth with sandpaper in contact with chamfered edge of workpiece.

For more information, click here: <https://www.borouz.com/chamfer-sanding-block-free-plan/>