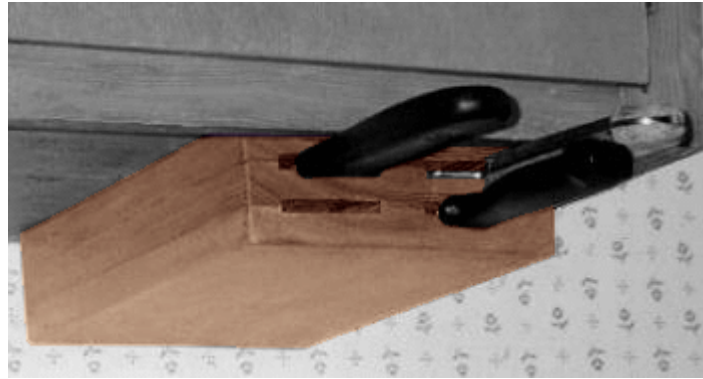


wooden knife rack



Materials

Wood: 3 pcs. - 1"x6"(nominal) x 8"
(actual dimensions: 3/4" x 5-1/2" x 8")
Screws: 4 pcs. - #8 x 1-1/2" flathead wood screws
Sand Paper: #100, #150 and #200 grit.
Stain (optional) to match kitchen woodwork.
Carpenter's glue

Tools

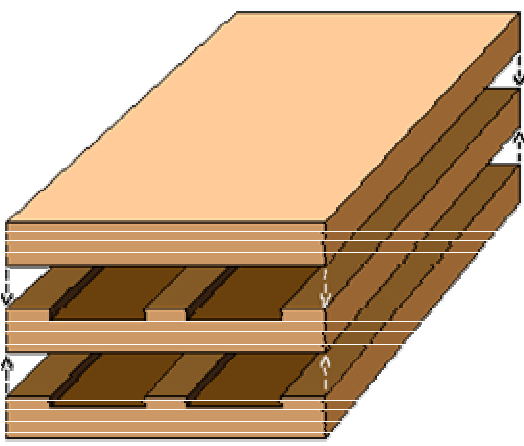
Measuring tape or rule
Marking gauge
Back saw (or other hand saw)
Wood chisel
Screw driver
Clamps
Pencil
Portable hand drill

1. Laying out the grooves:

Mark out the lines on 2 boards as shown with a marking gauge (Dimensions shown in inches). Mark the areas to be removed with "X"s. (The third board does not have grooves).

2. Cutting the grooves:

A table saw with a dado cutter makes short work of the grooves, but you can do just as well with a saw & a chisel. Make saw cuts just inside the lines on the faces of the boards, to a depth of 3/16". Make 1 or 2 more saw cuts to the same depth, within each groove. Remove the wood from the grooves with a chisel. (The inside surfaces will not show, so the grooves need not be perfectly smooth, except at the front edge.)



3. Assembly:

Apply glue to the surfaces adjacent to the grooves and clamp the pieces together as shown. (Woodworking tip: You may also need to clamp the edges in place to hold the pieces in alignment while the glue sets.)

4. Finishing: Sandpaper the sides, ends and bottom face. Stain, if desired, to match kitchen woodwork.

5. Mounting the knife rack under the cabinet:

Trace the outline of the rack onto the underside of the shelf where it is to be mounted. Drill 4 shank holes in the shelf about 1/2 inch in from the outline of the rack. Countersink the shank holes from the top of the shelf. Holding the rack in place, mark positions of pilot holes in the rack through the holes in the shelf. Drill pilot holes in the rack. Attach the rack to the lower side of the shelf with #8 flathead wood screws.

