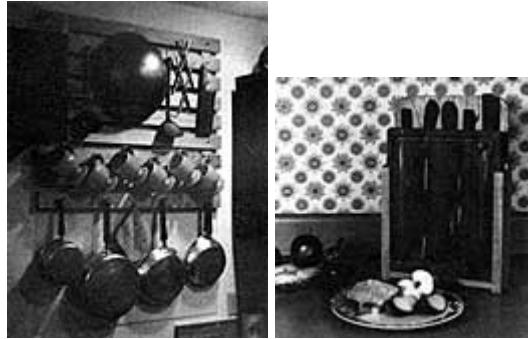


Two Handy Kitchen Helpers - Build Both In A Weekend



The Knife Block/Cutting Board

Whether you're slicing, cutting, carving or chopping, you'll be using a knife and a cutting surface of some sort. And since these two items are such an essential combination, we decided to put the two together into a single, *universal* project.

Start by using your Bandsaw with a 5/8" Resawing Blade to resaw your stock to a 1/2" thickness, then glue up the wider panels you'll need for the Back and Bottom pieces.

NOTE: If you prefer, you can also make these pieces from 3/4" thick stock.

However, the finished project will be heavier for wall-hanging. While you're at it, glue-up the stock for the Knife Block and Cutting Board. Be sure to use waterproof glue when assembling the components of this project. Allow your glue-ups to dry thoroughly, then cut all pieces to final dimension and sand smooth.

Using a Router set-up or Dado Blades, cut the required joinery in the Sides and the Knife Block. If you decide to use your Dado Blades, you'll have to do some hand work with a chisel where the 3/4" groove meets the 1/2" dado on the side (see exploded view). With a sander, round the corners on the Back, Sides and Cutting Board. Cut knife slots in the Knife Block with either a Bandsaw or a handsaw.

Assemble the Knife Holder with waterproof glue and set it aside. Using a 3-In-1 or core box router bit, rout a juice trough around the perimeter of the Cutting Board, as shown in the drawing. You can taper the depth of this trough by tacking or double-stick taping a 1" wide x 1/8" thick strip of scrap wood to the bottom side of the Cutting Board...nearest the edge where you want the trough to be deepest. Using Shopsmith's overhead Routing Set-Up, rout the trough as you normally would, then remove the thin piece of scrap wood. Your trough will be evenly tapered.

Slide the Cutting Board into the 3/4" groove in the Knife Holder. If it sticks, sand or joint a little stock off the edges. Finish with Salad Bowl Finish.

LIST OF MATERIALS - Utensil Rack

(finished dimensions in inches)

Battens	(2)	3/4 x 1-1/2 x (selected length)
Rails	(x)	3/4 x 2 x (selected length)
Dowel Pegs	(10)	3 x 3/8 dia.
Dowels	(2 x # of rails)	1-1/2 x 3/4 dia.
Plexiglass	(1)	Sheet, 1/8 x (determined width) x (determined length)

Hardware

#10 x 3/4" Roundhead Wood Screws & Washers (2 each) To attach Plexiglass

1/8" dia. Steel or Aluminum Rods (selected number) To make hooks

Moly Anchors or other Hanging Hardware (4)

LIST OF MATERIALS - Knife Block/Cutting Board

(finished dimensions in inches)

Knife Block	(1)	1 x 1-3/4 x 9-3/4
Back	(1)	1/2 x 9 x 17
Sides	(2)	3/4 x 3-1/4 x 11-1/2
Bottom	(1)	1/2 x 2-1/2 x 9
Cutting Board	(1)	3/4 x 9 x 13