

# Upright Knife Block

*Like the Adjustable Knife Block, this one will protect your knives' blades and provide a convenient storage spot, but it uses less space and is a bit easier to construct. You can tailor the slots to suit your knives by adjusting the grooves' depths as you cut them. And if you own a sharpening steel, you can rout a special slot for it.*

## Materials List

White pine is recommended for this project.

- (6) 3/4" x 5" x 12-1/2" Sheath blocks
- (4) 3/4" x 7/8" x 4-1/2" Retaining blocks

## Suggested Tools

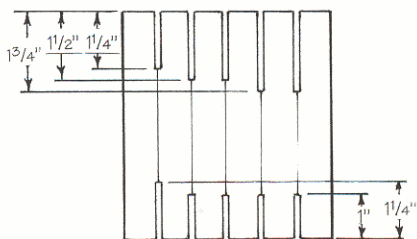
Table saw  
Handsaw  
3/8" drill  
Try square  
Pipe clamps  
12" straightedge  
No. 6 pilot bit and countersink with stop collar  
No. 2 Phillips screwdriver

## Hardware & Supplies

Yellow wood glue  
No. 6 x 3/4" brass flathead wood screws  
Spray lacquer

## Construction Procedure

**1.** Spread glue evenly over the faces of the six 5" x 12-1/2" boards. Clamp them together, checking the alignment of their ends and sides with your square.



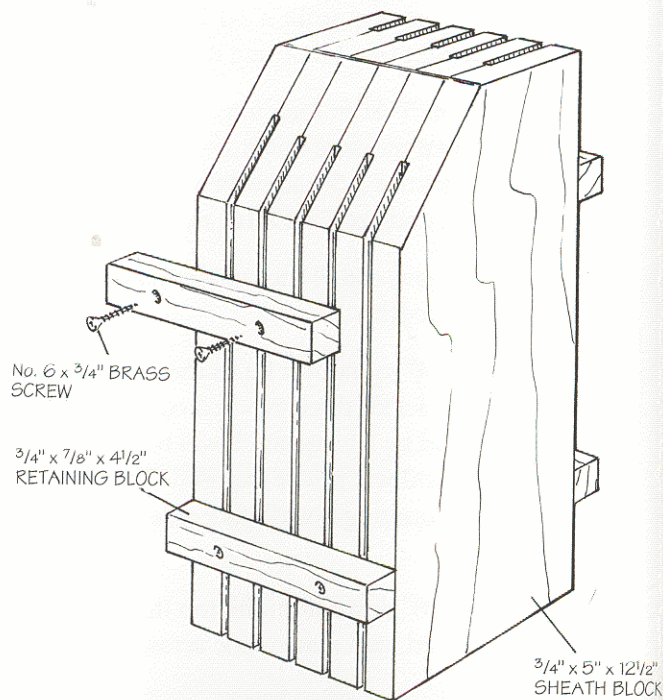
KERF DETAIL

**2.** Scrape any excess glue off the sheath block, and then trim the ends square on the table saw.

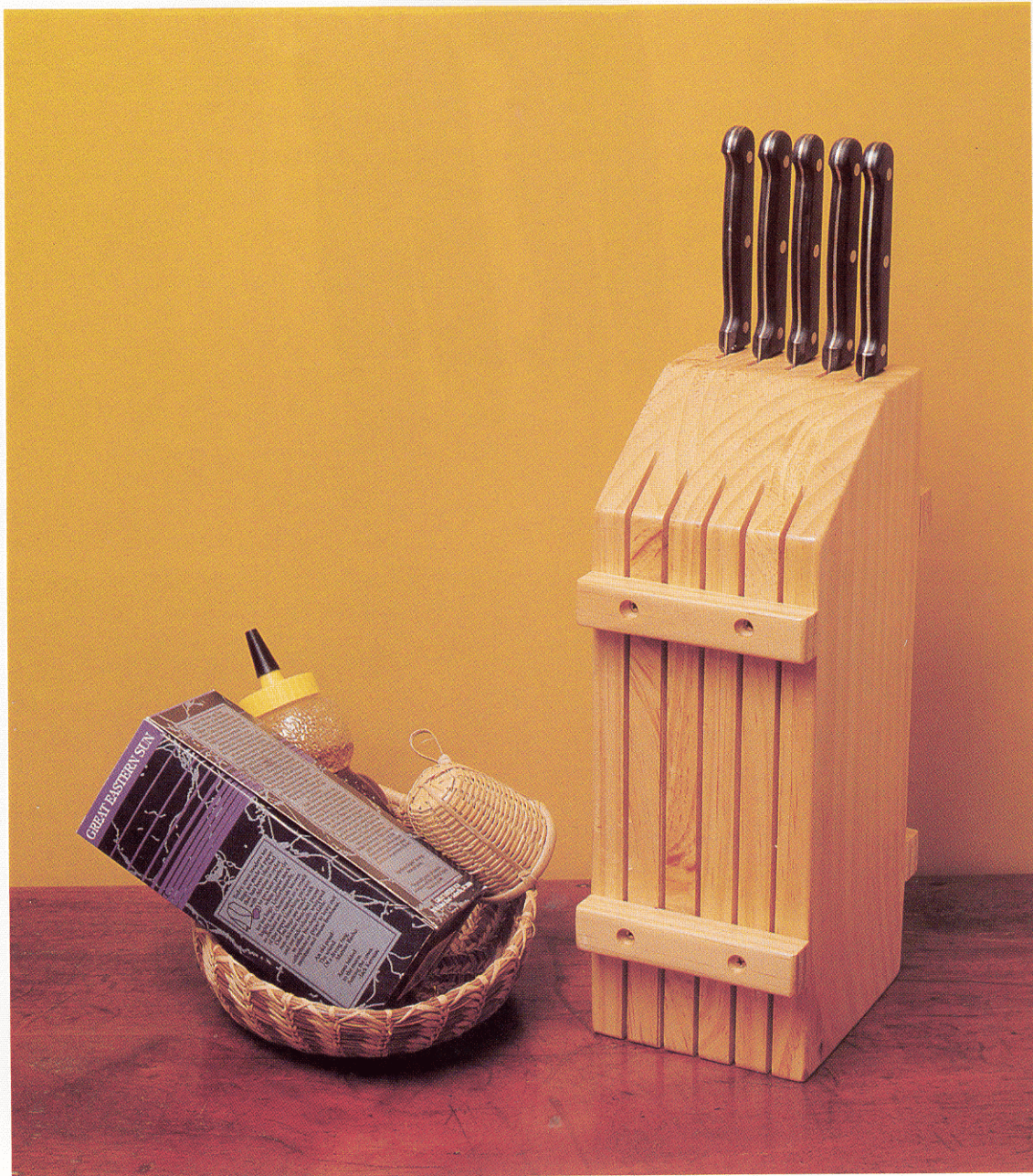
**3.** On both sides of the sheath block's 4-1/2" sides, mark and cut full-length slots every 3/4". On one side, starting from the left, the first two cuts should be 1-3/4" deep, the next two 1-1/2" deep, and the final one 1-1/4" deep. On the opposite side, the cut furthest to the left should be 1-1/4" deep and the remaining four should be 1" in depth (see Kerf Detail).

**4.** Lay the sheath block on a surface so that the shallowest slots are to the left and the 5" face is showing. From the top left corner, measure over 2" and down 2-3/4". Mark the edges at these points, and then strike a line between them.

**5.** Use a square to transfer this line around the sheath block's four surfaces.







**6.** With a handsaw, cut the corner from the block, using the line as a guide. Check the path of cut for accuracy as you progress.

**7.** Measuring from the bottom edge of the angled 4-1/2" side, strike two lines across the slotted face, one at 2" and another at 8-3/8". Repeat this process on the opposite 4-1/2" side, but this time mark the second line at 9-1/8".

**8.** Center the 4-1/2" retaining blocks over the lines, with their 3/4" faces outward, and mark the screw holes 1-1/8" apart. Use the No. 6 pilot bit to drill through each retaining block and into the sheath block. Set the stop collar at 1". Attach the retaining blocks with No. 6 x 3/4" brass flat-head wood screws.

**9.** Sand the project, rounding all edges slightly.

**10.** Finish the knife block with several coats of spray lacquer.