

optional Cabinet Doors

A pair of glass-panel doors makes a stylish addition to the upper cabinets on the closet organizer from Woodsmith No. 202. Adding the doors is easy. They feature rails and stiles joined with stub tenons and grooves. The glass panel fits in a rabbet routed into the back of the frame *after* it's assembled. After the glass is secured with wood stops, the door gets installed with full-inset cup hinges.

STUB TENON & GROOVE. After sizing your parts, you can cut the groove in all the rail and stile pieces (detail 'b'). This is easy to do at the table saw. Just set the rip fence and make two passes over a standard saw blade, flipping the board end for end between cuts. This will center the groove on the edge of the piece.

For the stub tenons on the rails, you'll pass the workpiece over a dado blade buried in an auxiliary rip fence. Use the miter gauge, and "sneak up" on the tenon's thickness, checking its fit in the groove until you get a snug, secure joint.

RABBET. After assembling the frame, use a rabbeting bit to rout around the inside perimeter, removing the inner lip of the groove. Square the corners with a chisel. Then set the glass in place, and nail on wood glass stops (detail 'a').

INSTALL. Now all that's left is drilling the holes for the hinge cups (detail 'c') and installing the door in the cabinet. Add the door latches, and you're done. **W**

