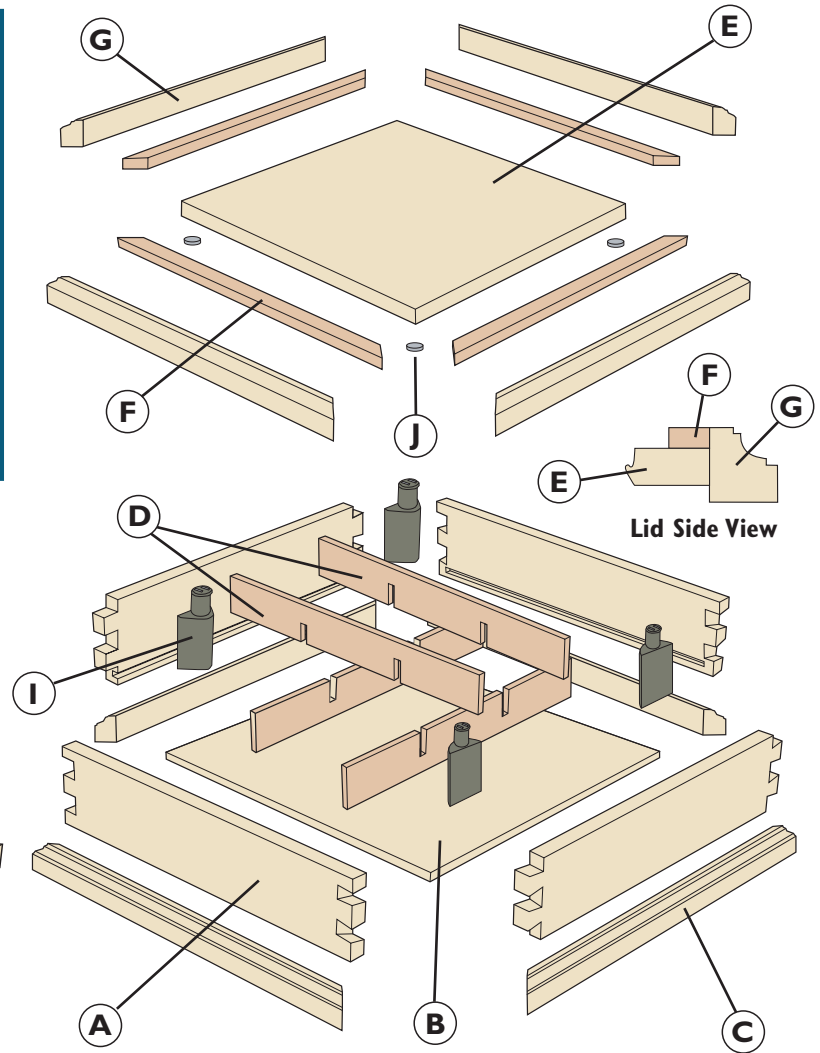
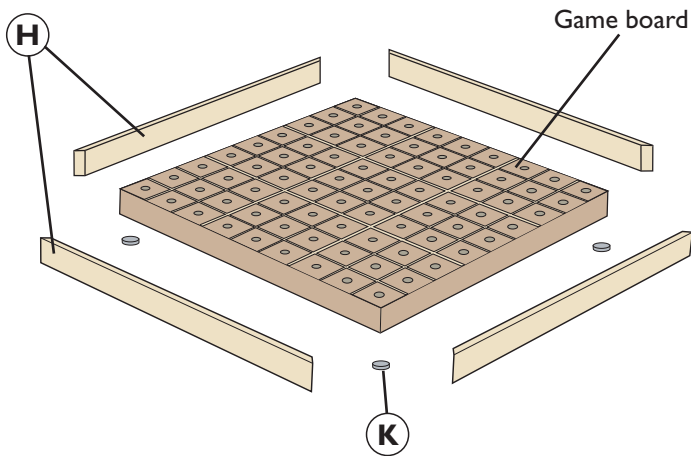


# Pop-Up Sudoku Storage Box



Designed for maximum utility! The box's lid doubles as a game-board platform. And for easy access, touch latches provide simple "push-down, pop-out" action.



Lid Side View

## MATERIALS LIST

	T x W x L	Quantity
A - Side Panels	1/2" x 3 1/4" x 10 7/8"	4
B - Bottom Panel	1/4" x 10 1/4" x 10 1/4"	1
C - Base Molding	1/2" x 1"	48" length*
D - Interior Dividers	1/4" x 1 1/4" x 9 13/16"	4
E - Lid Panel	1/2" x 10 15/16" x 10 15/16"	1
F - Top Edging	1/4" x 9/16"	46" length*
G - Top Molding	1/2" x 1"	48" length*
H - Board Edging	1/4" x 3/4"	40" length*
I - Touch Latches (Rockler Item #28431)		4
J - Round Cushions (Rockler Item #37931)		8
K - Felt Pad (Rockler Item #22822)		1

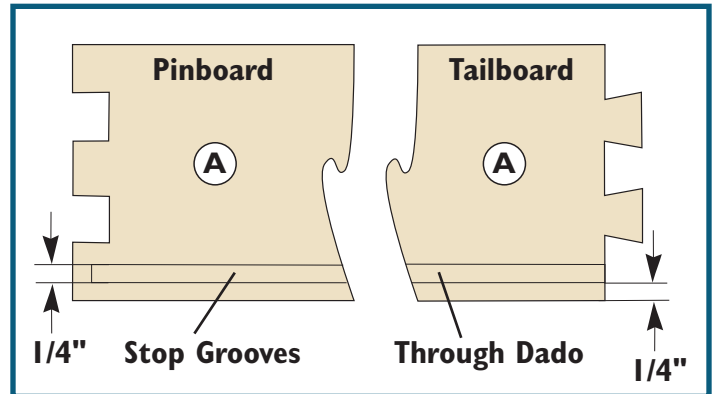
\*You may want to run longer lengths to allow for waste.

# Pop-Up Sudoku Storage Box

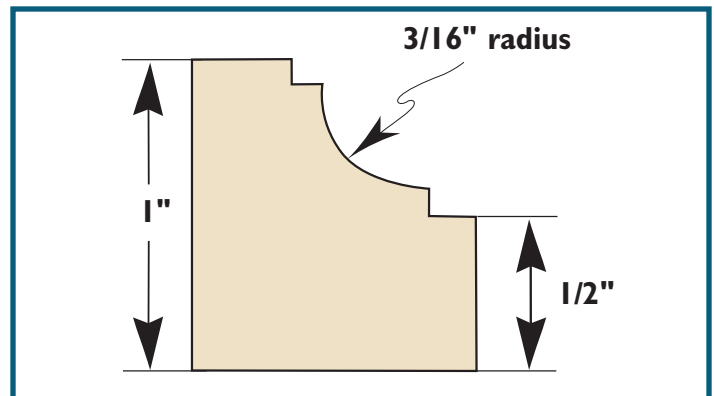
## Instructions:

Follow these steps to build a beautiful storage box for your custom Sudoku game board. To construct the actual game board, refer to instructions on Rockler's Sudoku Template and Bit (item # 27460).

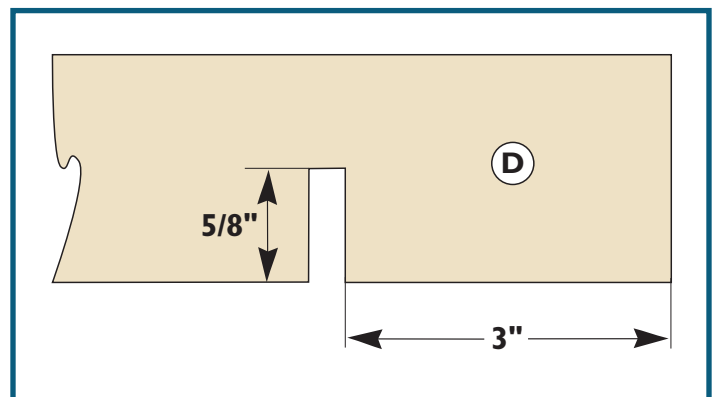
1. Use Rockler's Router Table Box Joint Jig (item # 29502) or Complete Dovetail Jig (item # 22818) to machine each side panel (A) for box joints or dovetails.
2. Rout  $1/4"$  wide x  $1/4"$  deep grooves  $1/4"$  up from the bottom edge of each side panel to accept the bottom panel (B). **Fig. 1.**  
**Note:** Pinboards need stop grooves.
3. Dry fit the side panels (A) and bottom panel (B) together.
4. Place the touch latches (I) in position ( $1/2"$  from the sides and flush with the bottom panel) and mark the location of the screw holes.
5. Disassemble the box and drill pilot holes using the #6 self-centering bit (item #68991), being careful not to bore through the side panel.
6. Sand the inside face of each side panel.
7. Glue and assemble the box's sides and bottom, then sand the exterior.
8. Run at least 48" of base molding (C) and 48" of top molding (G) with Rockler's  $3/16" \times 1/2"$  Classic Cove router bit (item #91749). **Fig. 2.**
9. Miter the base molding to fit; fasten with pins and glue.
10. Cut  $1/4" \times 5/8"$  deep lap joints 3" from the outside edges of each interior divider (D). **Fig. 3.**
11. Assemble the four dividers; glue if desired. You will insert the divider assembly after finishing the box and installing the touch latches (I).
12. Miter the top edging (F); fasten on lid panel with pins and/or glue.
13. Miter the top molding (G); fasten around lid panel with pins and/or glue.
14. Miter and fasten the board edging (H) around your Sudoku game board.
15. Apply your desired finish.
16. Add Rockler's Pressure Sensitive Felt (item #22822) to the bottom of the game board.
17. Install the touch latches (I).
18. Insert the divider assembly.
19. Attach a protective Round Cushion (item #37931) under each corner of the lid and box.



**Fig. 1 - Rout stop grooves in the pinboards and through grooves in the tailboards.**



**Fig. 2 - Molding side view**



**Fig. 3 - Interior divider with notch for lap joint.**