

Home Storage

made simple

Dramatic Display Case

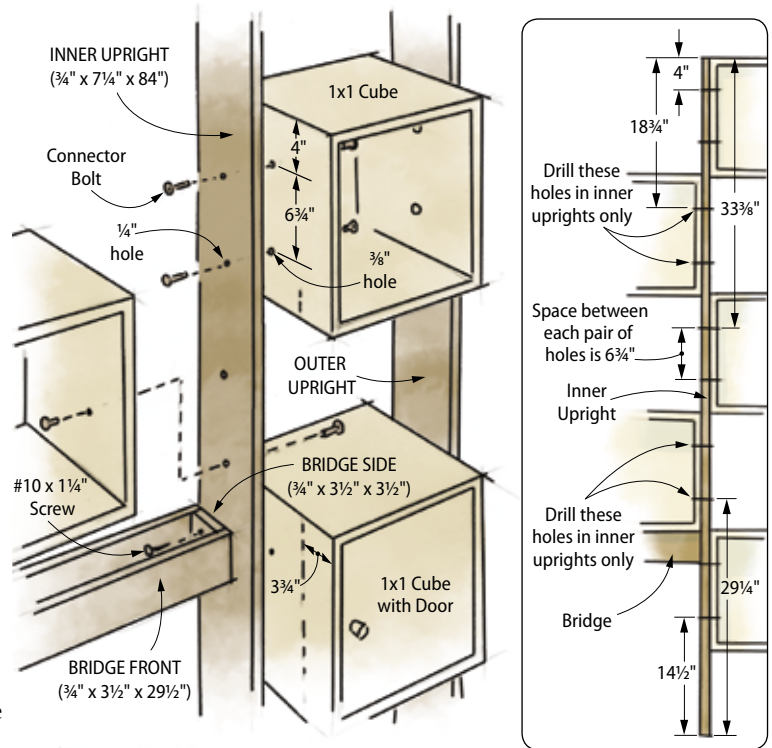


On the following pages you'll find step-by-step instructions, photos, and illustrations that you can use to create this display case. For more information about this project, see *Home Storage Made Simple*.



stack up some storage cubes

- This cubed display case couldn't be much simpler to build. It's designed around 15" modular storage cubes—four open cubes, four cubes with doors, plus one rectangular cube (30" wide). You'll find cubes like these in department stores and through online retailers, such as Staples.com and Organize.com.
- You'll also need 1x8 and 1x4 poplar boards, some screws, and connector bolts (*Resources, below*)
- After assembling the cubes and cutting the boards, all you have to do is drill holes in the boards and cubes and connect them with hardware.
- The challenging part is ensuring that all the holes align properly. To do that, take a look at the *illustration* at right to get all the dimensions you need. Then follow the steps below to build the case.
- After cutting the uprights to length, you need to drill six $\frac{1}{4}$ " holes in the outer uprights and 10 in the inner uprights to support all the cubes (*illustrations, right*).
- To ensure alignment, drill six holes in one upright, clamp it to the others, and use the first one as a guide to drill the holes in the other five (*photo 1*).
- Now designate two of the boards as the "inner" uprights, and add four more holes to each of them.
- Set the cubes on their backs, and space them apart the height of one cube.
- Now clamp on the uprights, using spacers to position them. Drill through the holes in the uprights into the cubes. You can clamp a scrap piece inside of the cubes as a "backer board" to prevent damage (*photo 2*).
- Enlarge the holes in the cubes to $\frac{3}{8}$ " so they will accept the barrel end of the bolts. Then stain the uprights, and assemble the towers (*photo 3*).



- Then add the cubes between them to complete the case. A rectangular cube goes up top, and two cubes with doors that get bolted together go on the bottom.
- To support these cubes, add a "bridge" underneath them. It's just four 1x4 boards that get glued and nailed together, stained, and screwed in place underneath the cubes (*photo 4*).
- Now have a friend help you lift the entire display case into position, and secure it at the top with "L" brackets driven into wall studs or wall anchors (*photo 5*).

how it's made



1



2



3



4



5

Resources

Available in Home Centers:

- 1x4 and 1x8 Poplar Boards
- 15" Modular Storage Cubes

Available from Rockler.com:

- Connector Bolts #31831
- General Finishes "Java" Gel Stain #32875

Sources and item numbers
current as of Jan. 2012