



## A Box of Many Uses

Boxes can be made to fit any need. You can choose to make a CD holder, a box for keepsakes, a box for recipes, a box for toys or for many other uses. In this plan you can choose hinges that best suit your purpose. You can also choose to use a butt joint or a dowel joint. Another option is placing a design on the lid and/or sides of the box.

### Steps to Take:

- Check your lumber and cuts for squareness. Square the ends if necessary with a rasp or wood file.
- Dry fit the pieces to make sure everything fits as it should. To make a dowel joint, refer to previous lesson. Or, you can choose to make a simple butt joint.
- If you're going to place a design on the lid or sides of the box, transfer your plan now and make your design.
- Join the pieces as shown.
- Run a bead of glue along the edges you're joining and use finishing nails to complete the joint. Wipe away all excess glue.
- Clamp the project, making sure it is square. Let the project dry according to manufacturer's directions.
- Once dry, do a final sanding and wipe with a tack cloth.
- Finally, apply the finish of your choice.

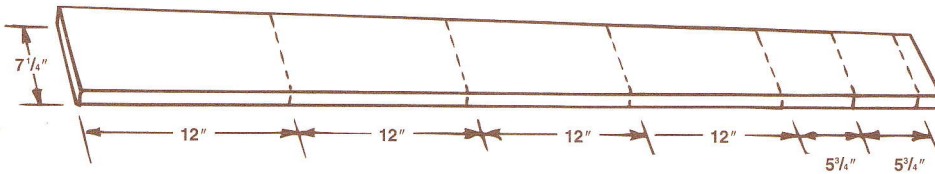


**Clamps, square, handsaw, wood rasp or file, screwdriver, hammer, drill**

### Bill of Materials to make a 12" x 7.25" box:

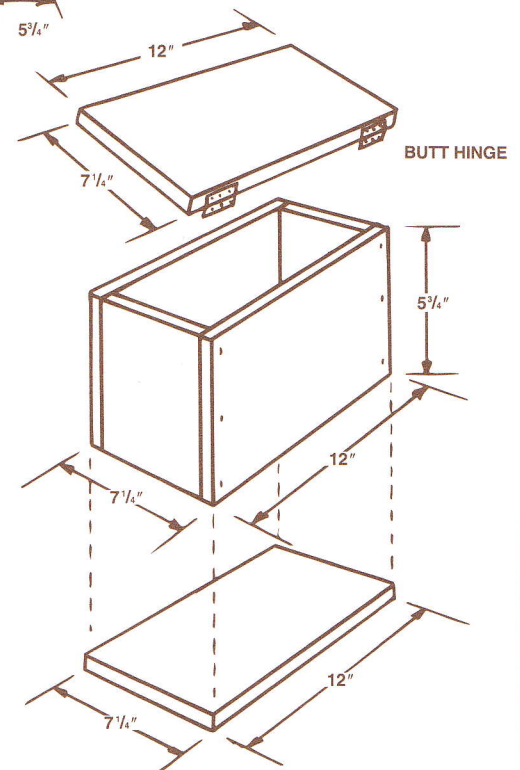
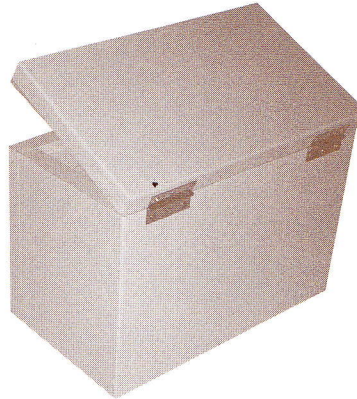
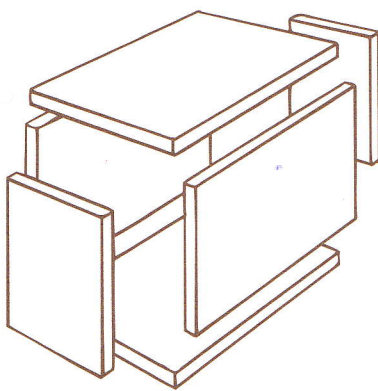
Qty	Item	Specifications
1	lumber*	1 by 8 (Actual size 3/4" X 7 1/4") at least 60" long
	glue	
1	sandpaper	80-120 grit
	wood glue	
	dowels	
	butt hinge	2" or hinge of your choice
	paint	Your choice
	finishing nails	1"
	screws	
	safety equipment	

**NOTE:** Lumber dimensions are for the plan as presented. However, you can vary the size according to your purposes.



### Measurement to cut board

Measurements for cuts will change according to the overall dimensions of the box you want to make. This illustration shows how to make cuts for a box that is 12" long x 7.5" high x 6" deep.



\* Please note: Finished lumber, although sized as one inch in its depth (also referred to as a "one by") is actually 3/4", not a full one inch. The measurements given here are using a 3/4" depth size.