

**NOTICE**

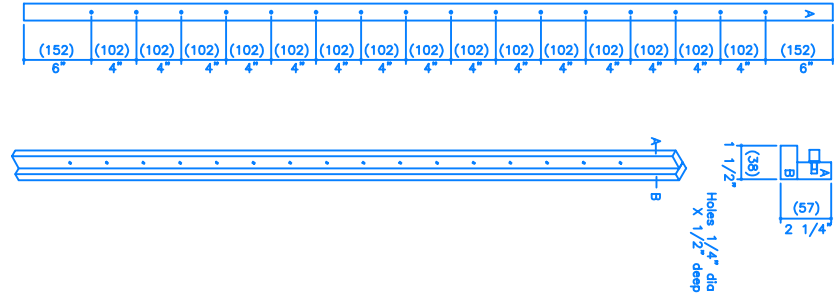
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**NOTES: Read all dimensions before beginning**

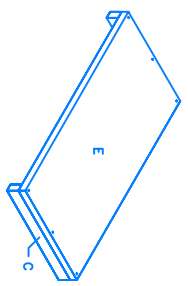
Carpenter's Glue should be used to reinforce all joints  
Dimensions shown in brackets denote millimeters

**Directions**

- 1) Lay your materials out as outlined in the material layout (Fig 1). Draw out all parts exactly as illustrated, including the letter designations in pencil. Be sure to leave a small space between cut lines to allow for the width of the saw (1/8" to 1/4"). Always cut on the waste side of the line. Notice that piece D is 1/8" smaller than piece C. This is also true for pieces F and E. The reason for this is that these pieces form the adjustable shelves and they must be slightly smaller to adjust easily. Cut and drill piece A first, and if any shaver or burr occurs, use a sandpaper to smooth it out. Pieces A should be made from the highest quality 1/2" that you have. The dotted lines shown for cutting piece F is used to illustrate where a saw or plane is used to reduce the width of the board.
- 2) Drill holes in pieces A as shown (Fig 2) with a 1/4" drill bit. (Or, if using support brackets of a different diameter, use that diameter). Do not drill entirely through piece A. To ensure that the holes are exactly 1/2" deep, use a drill depth gauge as shown (Illustration 1).
- 3) Nail piece B to piece A as shown (Fig 2) using both glue and 2" finishing nails. Ensure that the nails do not obstruct the support brackets by going through the drilled holes in piece A. Repeat to even times until all shelf supports are complete. The wood starts to even times until a pilot hole in piece B using 1/16" drill bit, then nail B to A.
- 4) Attach shelves E to shelf bases C with 1 1/2" finishing nails as shown (Fig 3). Similarly attach shelves F to shelf bases D. Ensure you do not get these mixed up as they are different lengths and widths.
- 5) Attach shelves EC to shelf supports as shown (Fig 4) by predrilling piece C 1/2" from each end with 1/8" drill bit, countersinking C 1/8" deep with a 3/8" bit and screwing into piece A with a #8 1 1/4" flathead screw.



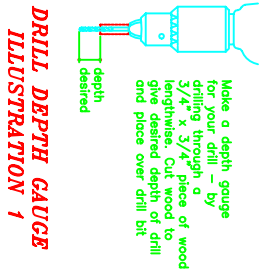
**SHELF SUPPORT**  
**FIGURE 2**



**SHELF**  
**FIGURE 3**



**SHELF**  
**SUPPORT**  
**BRACKETS**



**DRILL DEPTH GAUGE**  
**ILLUSTRATION 1**

11 1/4"	( 286 )	72"	( 1829 )				
Twelve	C	11 1/8"	( 283 )	72"	A	( 1829 )	
1 x 2		11 1/8"	( 283 )	72"	B	( 1829 )	
Twelve	D		( 283 )				
1 x 2							
One	1 x 2 (EXTRA)	22 1/4"	( 565 )	22 1/4"	( 572 )	22 1/2"	( 572 )
One	( 283 )	22 1/2"	( 572 )	22 1/2"	( 572 )	22 1/2"	( 572 )
One	F (EXTRA)	22 1/2"	( 572 )	22 1/2"	( 572 )	22 1/2"	( 572 )
One	E	22 1/4"	( 565 )	22 1/4"	( 565 )	22 1/4"	( 565 )
Three	F	22 1/4"	( 565 )	22 1/4"	( 565 )	22 1/4"	( 565 )
1 x 12							
One	E	22 1/4"	( 565 )	22 1/4"	( 565 )	22 1/4"	( 565 )
One	F	22 1/4"	( 565 )	22 1/4"	( 565 )	22 1/4"	( 565 )
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