

Online Extras

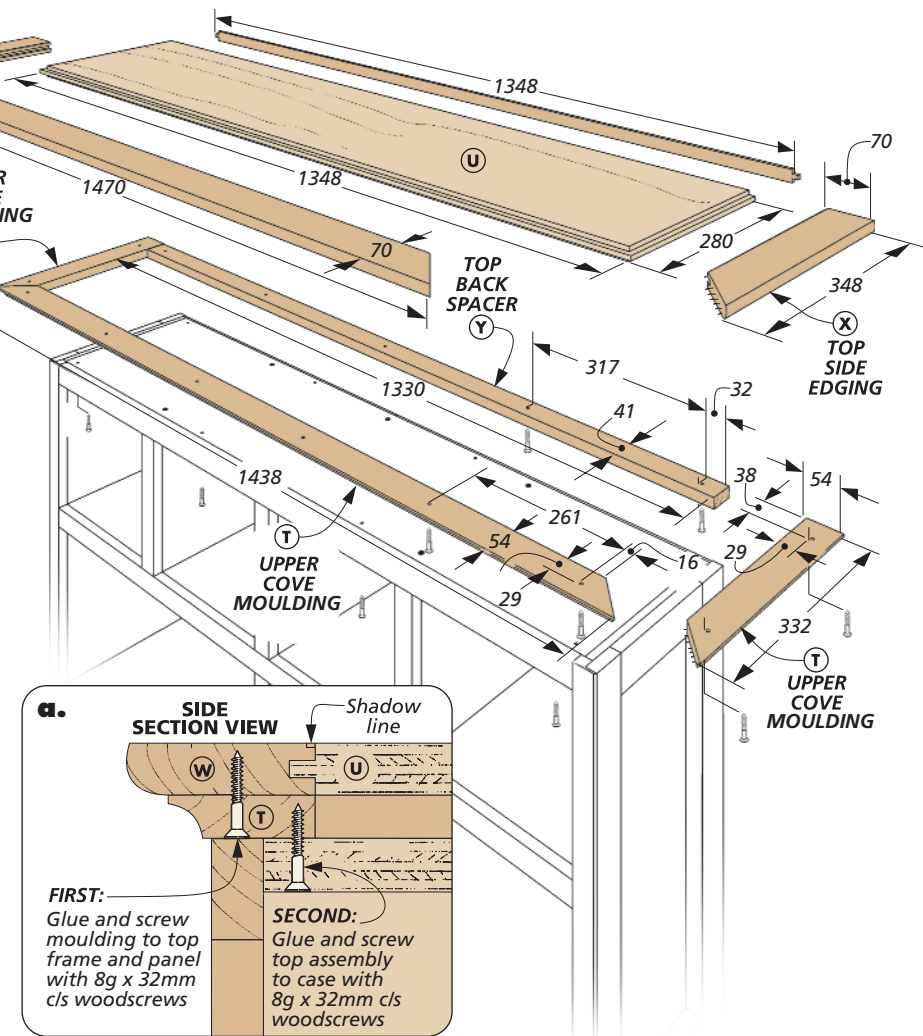
Benchtop Bookcase

optional change of face

With a different base and a few moulding profile changes you can give your bookcase an entirely new appearance. It won't take any additional work but you'll notice a more traditional look.

You can build the carcass, face frames, and side frames as shown in the article. Then add some cove moulding changes to the top, base and side panels. Since a few of the dimensions have minor changes to reflect the new look, be sure to review the sizes of the aprons, mouldings, and edging pieces before you begin work.

TOP EDGING. The top is built as described in the article. But to change the appearance I added a bullnose to the **front edging (W)** and **side edging (X)** pieces. I made



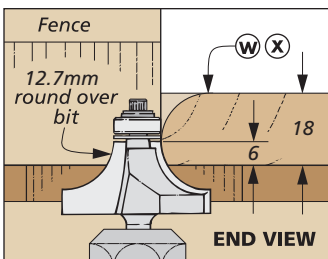
the bullnose on the router table. The technique I used is shown in the first two boxes below.

Since you'll be using the same edging for the bottom of the bookcase, it's a good time to cut enough edging for both the top and bottom and then add the bullnose treatments to each piece.

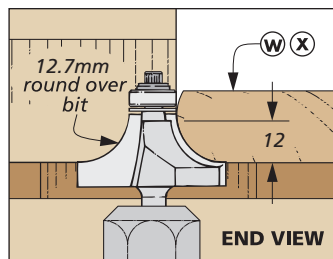
COVE MOULDING. I next made **cove moulding (T)** for the top and base treatments to substitute for the bevelled moulding in the original project. The third box below shows you how this is done.

SIDE PANELS. Instead of bevelled moulding around the side panels I used a narrow **cove moulding**

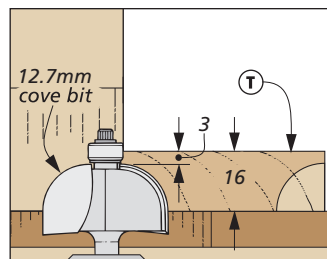
How-To: Make A Bullnose & Cove Mouldings



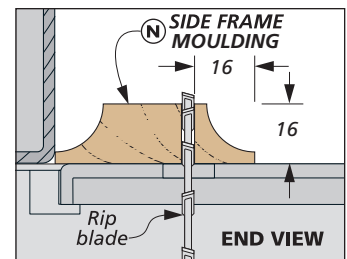
Bullnose Top. Mount a round over bit in the router table 6mm above the table and rout the top edge of the workpiece.



Bullnose Bottom. Next set the round over bit 12mm above the table. Then turn the workpiece over and rout the bottom edge.



Cove Moulding. Mount your cove bit to sit 13mm above the router table and rout a cove along the side of the workpiece.



Narrow Cove Moulding. Rout a cove along each side of a wide workpiece and then cut to the desired width on your table saw.

(N). You can see how this narrow cove moulding was made using the router and table saw in the last box on the previous page. The moulding is then glued inside the side frame.

TOP ASSEMBLY. One of the things you'll find different from the original project description is the way in which the top and bottom of the bookcase are assembled and screwed together. Let's take a look at the top assembly first.

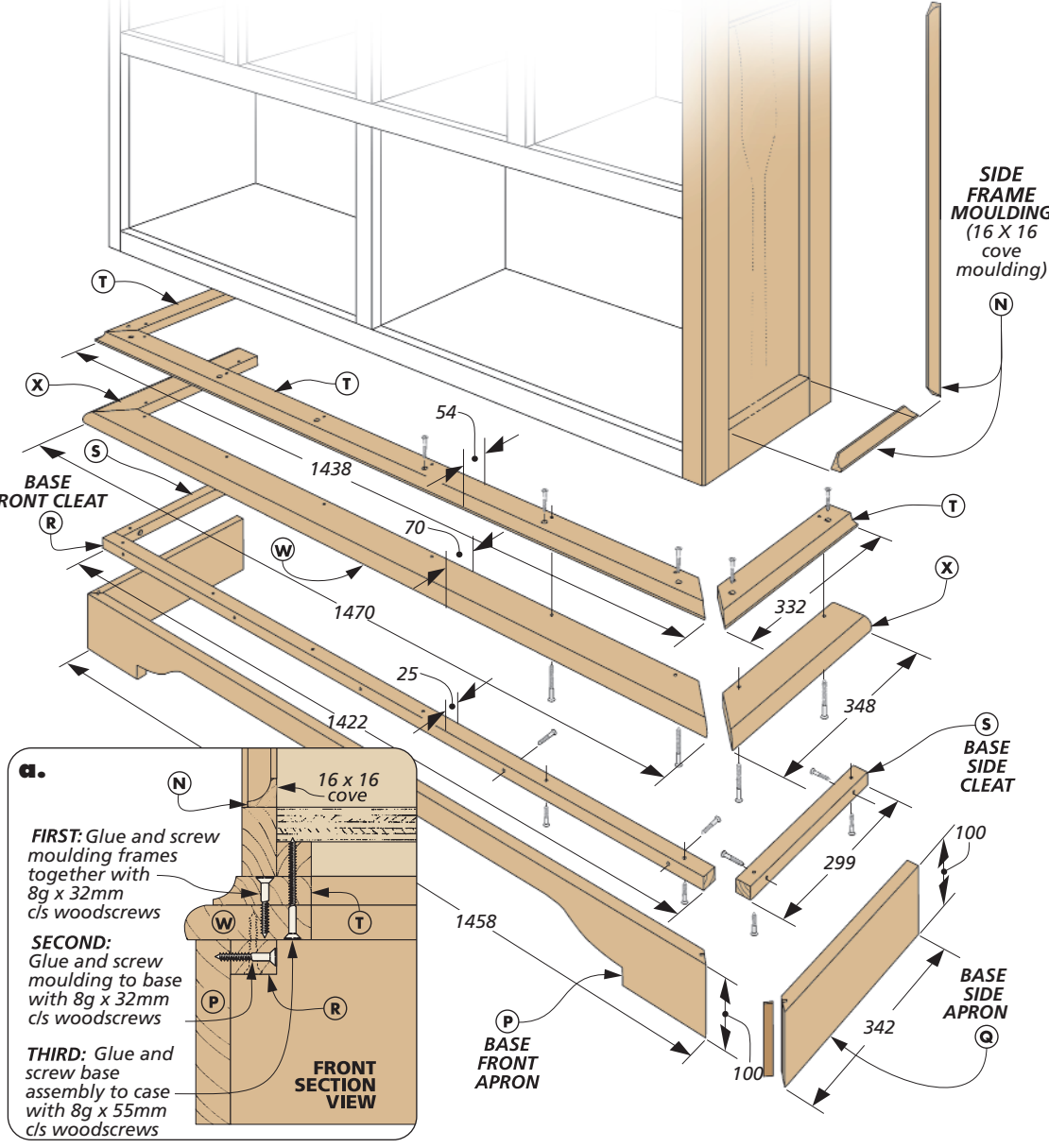
The top is assembled in two steps, as shown in detail 'a' on the previous page. This allows for an easy and secure assembly of the top components of the bookcase.

The first step is to add glue and then screw the cove moulding to the bullnosed front and side edging from the bottom. Next you'll want to screw the top assembly to the carcass from below, as shown in detail 'a' on the previous page.

BASE APRON PROFILE. I added a new profile to the **base front apron (P)**. The template at the bottom of the page will give you the pattern of this new profile. I used my jig saw to cut this profile in the front apron. Then base front and side pieces are put together as described in the article.

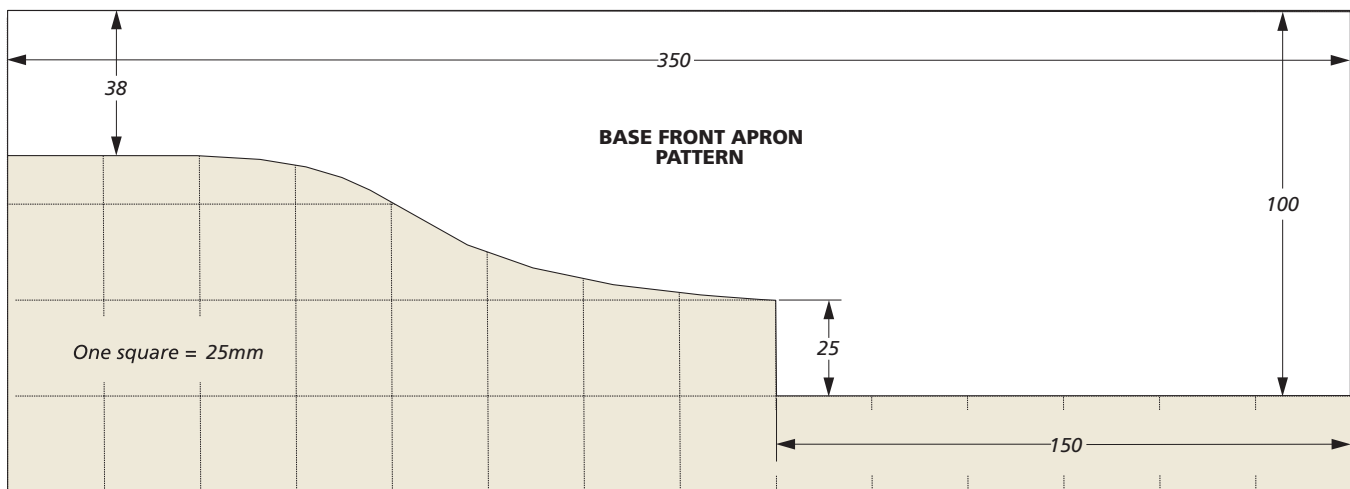
BASE ASSEMBLY. The base of the bookcase is assembled in three steps as shown in detail 'a' at the right. Again this allows easy assembly and a secure fit.

First, screw the cove moulding to the bottom edging pieces. Next



screw the base cleat to the apron and bottom pieces. And finally, use screws to secure the bottom edging through the cove moulding and into the front filler already attached to

the carcass. With the base securely fastened to the carcass, all that's left to do is to cut the back panels to size and screw them in place. **W**

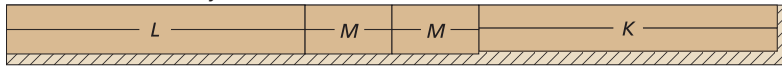


Materials, Supplies, & Cutting Diagram

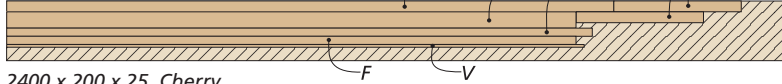
A	Case Top/Bottom (2)	1346 x 292 x 18 - ply.	Q	Base Side Aprons (2)	342 x 100 x 18
B	Case Sides (2)	698 x 292 x 18 - ply.	R	Base Front Cleat (1)	1422 x 25 x 18
C	Case Centre Dividers (2)	656 x 292 x 18 - ply.	S	Base Side Cleats (2)	299 x 25 x 18
D	Case Upper Dividers (4)	287 x 292 x 18 - ply.	T	Upper/Lower Cove Moulding (2)	2200 rgh. x 54 x 18
E	Case Horizontal Dividers (2)	661 x 292 x 18 - ply.	U	Top Panel (1)	1348 x 280 x 18 - ply.
F	Case Front Filler (1)	1334 x 18 x 18	V	Top Panel Back Edging (1)	1348 x 18 x 6
G	Face Frame Stiles (2)	698 x 36 x 18	W	Top/Bottom Front Edging (2)	1470 x 70 x 18
H	Face Frame Upper Muntins (3)	257 x 36 x 18	X	Top/Bottom Side Edging (4)	348 x 70 x 18
I	Face Frame Lower Muntin (1)	333 x 36 x 18	Y	Top Back Spacer (1)	1330 x 41 x 18
J	Face Frame Rails (3)	1334 x 36 x 18	Z	Back Panels (2)	680 x 685 x 6 - ply.
K	Side Frame Front Stiles (2)	698 x 54 x 18			
L	Side Frame Back Stiles (2)	698 x 57 x 18			
M	Side Frame Rails (4)	202 x 57 x 18			
N	Side Frame Moulding (1)	3300 rgh. x 16 x 16			
O	Case Back Filler (1)	1370 x 18 x 18			
P	Base Front Apron (1)	1458 x 100 x 18			

- (59) 8g x 32mm c/s Woodscrews
- (9) 8g x 38mm c/s Woodscrews
- (10) 8g x 55mm c/s Woodscrews
- (32) 6g x 20mm c/s Woodscrews

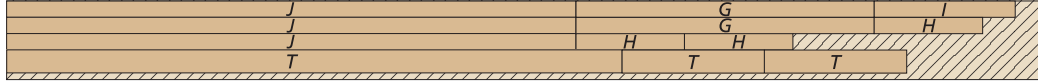
1800 x 150 x 25 Cherry



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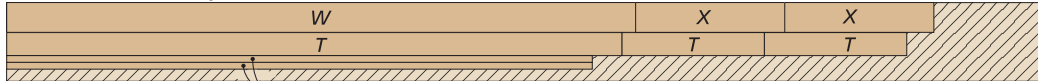
2400 x 200 x 25 Cherry



2400 x 200 x 25 Cherry



2400 x 200 x 25 Cherry



2400 x 1200 x 18 Cherry Plywood

