

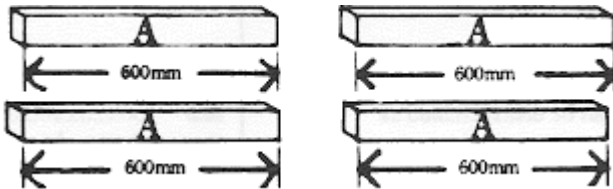
Wine Rack

Here is a rack for one dozen average size wine bottles. Longer or higher racks can be designed using spacing shown but some variation in timber thickness, width, etc., may be necessary.

TOOLS YOU WILL NEED	MATERIALS YOU WILL NEED	
<ul style="list-style-type: none"> • Hand saw • Hammer • Nail punch • Carpenter's square and pencil • Measuring tape or rule • Drill and bits 	<p>TIMBER</p> <p>Timber: Seasoned softwood DAR for decorative rack, otherwise sawn hardwood or softwood 1550x25mm, 1piece 75x25mm, 1 piece 2.7m</p>	<p>HARDWARE</p> <ul style="list-style-type: none"> • Hardware • 50x2.9mm bullet head nails • Sandpaper or electric sander.

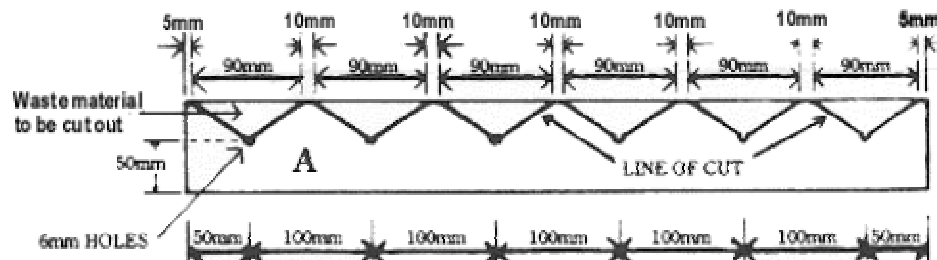
Cut these four rails

from the pieces 75x25mmx2.7m. Each rail to be exactly 600mm long

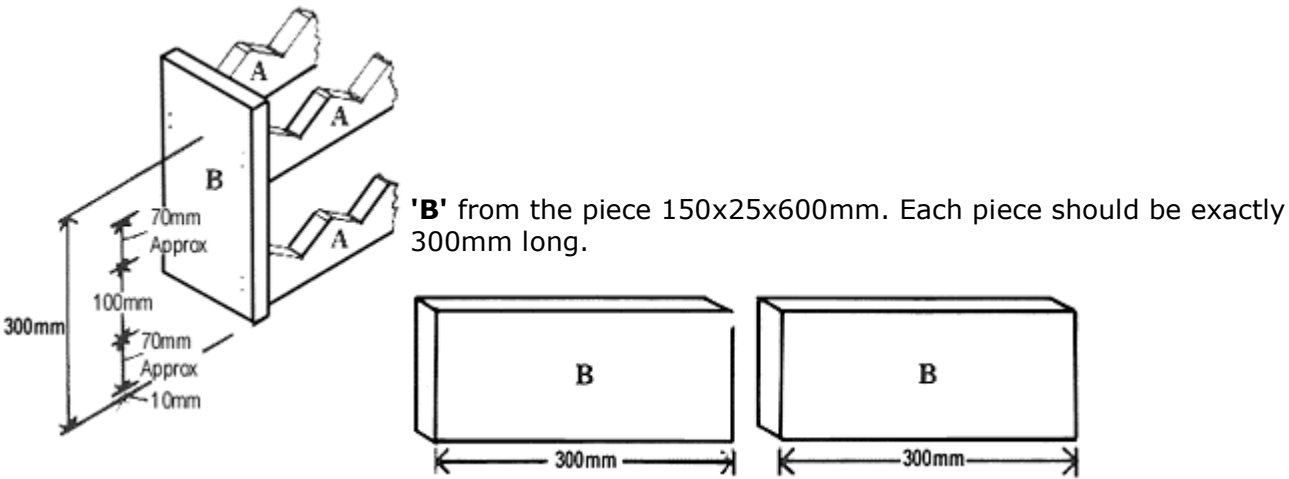


Mark out

each of the four pieces 'A' as below. Drill **six** 6mm holes as shown in Step 2, then cut each triangular piece out using hand-saw or jig saw, cutting into the prepared 6mm holes. Smooth off each rail each of the four pieces 'A' with sand paper or sander.



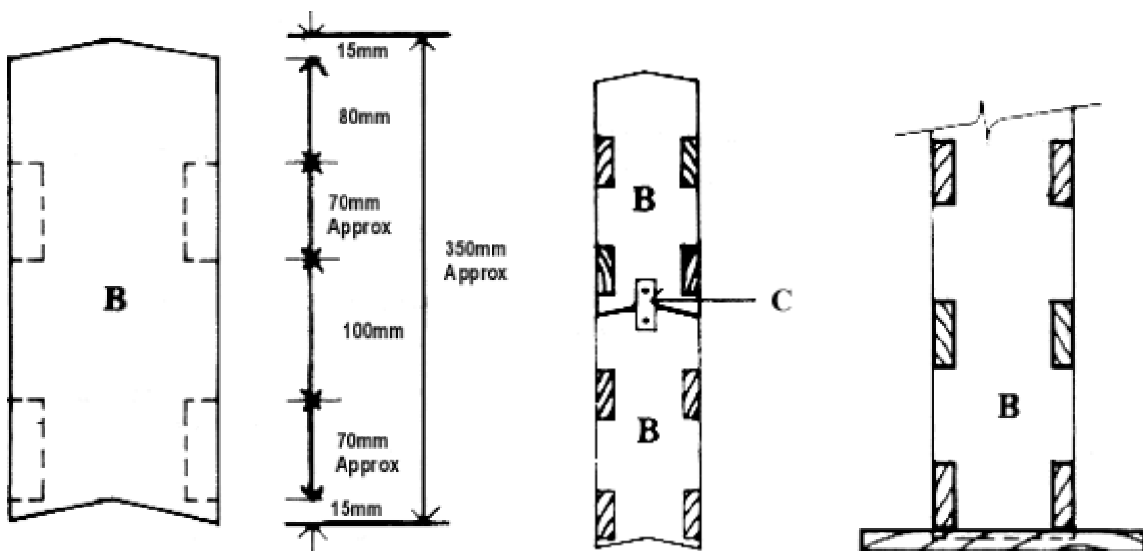
Cut two end pieces



Attach rails

'A' to ends 'B' at spacing shown using two 50x2.8mm nails at each end. Punch nail heads. Not: Pre-drill nail holes but locate to avoid timber splitting and penetration into bottle retaining space. Smooth down, fill nail holes, etc., stain, clear finish, paint etc, as desired.

Design Variations



DEMOUNTABLE RACK

Use screw fastening instead of nailing so that rack can be disassembled as required.

STACKING RACKS

Cut two sides 'B' from a timber piece 150x25x900mm DAR and to shapes shown. Assemble as indicated using location clamp or clip.

TALL RACKS

Very tall racks could be unstable because of height. Use standards or racking design but add a 'foot' to each side of the rack depending on space available. Use an added 'foot'

to each side of the rack depending on space available. Use an added 'foot' equal to about normal bottle length. Use, for example, one 'foot' each end, cut to 75x50x300mm DAR.