

Hexagonal BBQ Table

STEP BY STEP INSTRUCTIONS + MATERIALS LIST



This page contains a few images so might take a tick to load.....

About the timber sizes.

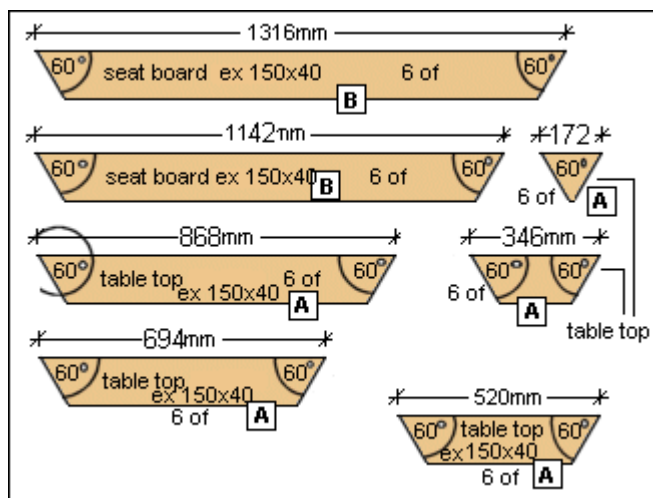
All dimensions are in mm (millimetres)

The timber sizes referred to in his project are ex 150x40 and ex 100x50. Ex means the nominal size which is the size of the timber before it is dressed (smooth, gauged, planed). When the timber is dressed, the actual size is then less than the nominal size. For example: 150x40 when dressed may become 140x35 actual size and 100x50 when dressed may become 94x46 actual size.

The Actual sizes can vary slightly from area to area but that should not have any effect on the dimensions given through-out this project. What will vary, depending on the actual size of the timber, is the gap between each row of table top boards and seat boards.

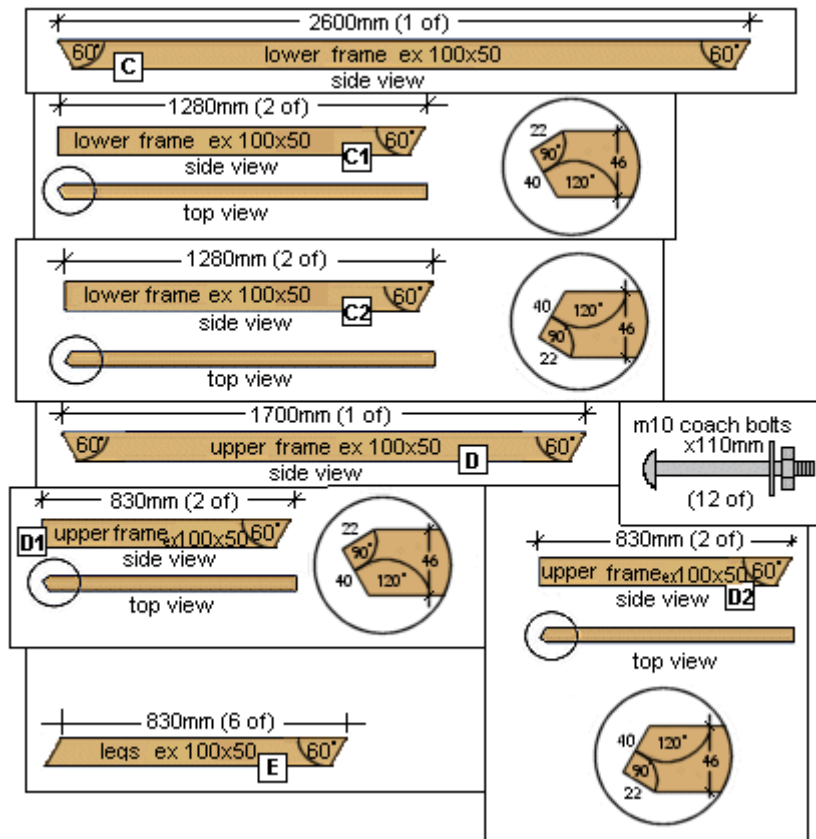
The Timber cutting list. Seat and tabletop boards.

The timber used for the seat and tabletop boards, in the cutting list below is ex 150x40 dressed bevelled treated pine. This timber is available at most timber merchants and is usually used for retaining wall boards.



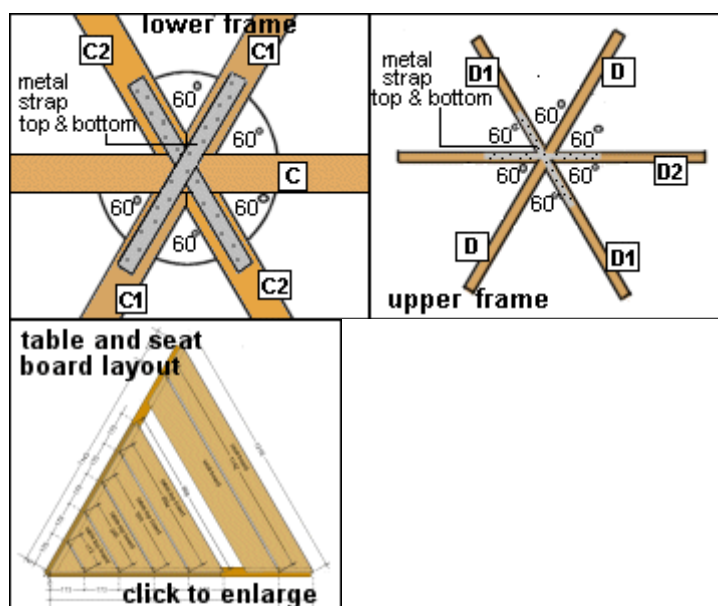
The Timber cutting list. Table frame.

The timber used for the table frame, in the cutting list below is ex 100x50 dressed treated pine. This timber is available at most timber merchants.



Instructions. Upper and lower frames

Make up both the table top support upper frame (d, d1, d2) and the seat support lower frame (c, c1, c2), on flat ground using the materials in the cutting list above. The centre of both frames should be fixed as shown in drawing below, and the end outer points of the frames (6 each frame) should be equal distances apart. Nail two metal strap plates to the top side and to the underside of both frames (8 strap plates in all). See drawing below.

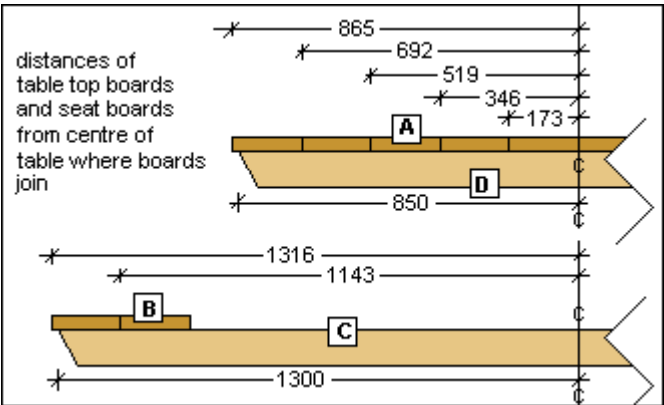


To see enlarged table top and seat board lay-out plan [click here](#)

Instructions. Seat and table top boards.

Mark out from the centre of both frames (measurements shown in diagram below) along every arm of the two frames. These are used as guides for placing the boards. Nail the cut tabletop boards (A's) to the upper frame (D's) beginning with the outer boards (longest boards). Ensure the joins are in the middle of the frame arms and equal distance from the center point of the frame. Continue around the frame with the next longest board and so on until the table top is complete. Do the lower (seat) frame (C's) in the same way using the cut seat boards (B's).

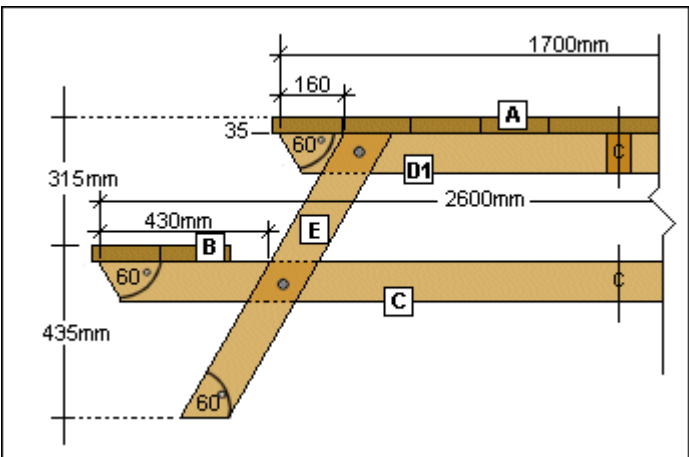
Use 90mm galvanised flathead nails to fix the boards to the frame. Drill nail holes first to keep timber from splitting.



Instructions. The legs.

Lay the finished table top upside down on flat ground. Position the finished seat frame upside down above the tabletop. Place packers or blocks under the seatframe so that the seatframe sits 315mm above ground. Position the legs in place as per below drawing. Hold with clamps, drill and bolt.

Easy with a Z



MATERIAL

ex 150x40 bevelled dressed treated pine

USED FOR

tabletop boards and seat boards

AMOUNT

32 metres

ex 100x50 dressed treated pine

m10x110 galvanised coach bolts

90mm galvanised flathead nails

frame and legs

bolting legs to frame

20m

12

1 kg

Table and seat board layout

