

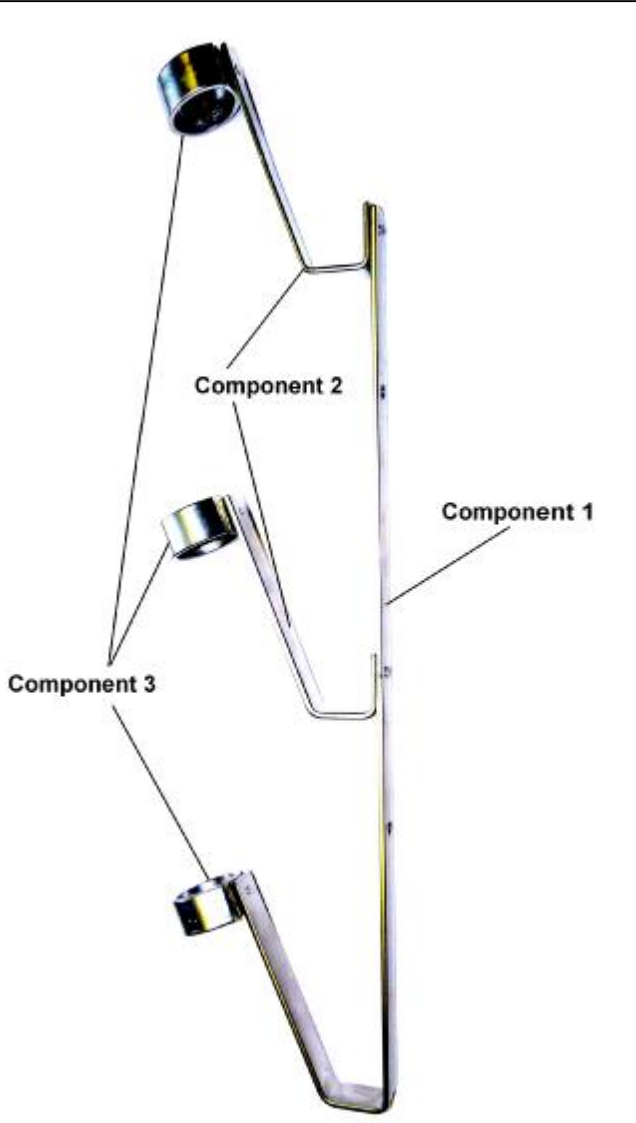
# Wall Mounted Wine Rack

## Tools Required To Make this Design:

- Punching: Practical Punch/Shear, (or Master Punch/Shear or XL5+ Power Bender fitted with 3mm punch block & pin)
- Cutting: Practical Punch/Shear (or Master Punch/Shear or XL5+ Power Bender)
- Riveting: Practical RBR
- Bending: Practical RBR (or Master RBR}
- Rolling: Practical RBR

We recommend that before starting you wipe all steel bars down so that they are free of grease, scale or dirt. After cutting any component, we also recommend that you trim the corners for a neater finish, if preferred, unless stated otherwise in the instructions. Use a fine tip marker pen, pencil or scribe for marking hole, bend, scroll, roll points on the bars.

Component 1	Spine 20mm x 3mm x 610mm
Cut a length of 610mm out of 20mm x 3mm steel. Using the Design sheet overleaf mark out the 5 hole positions H1 (x 2) H2 (x2) and H3 and also the bend positions B1 and B2. Start by punching all five holes. Then using Template 1 as a guide bend an angle of 90° at position B1 and then change the RBR to bend an angle of 113° at position B2.	
Component 2	Brackets (x2) 20mm x 3mm x 180mm
Cut two lengths of 180mm out of 20mm x 3mm steel. Then mark out hole positions H1 and H4 and bend positions B3 and B4 as shown on the Design sheet overleaf. Punch both holes first and then using Template 1 as a guide bend the angle of 90° at position B4 and 113° at position B3.	
Component 3	Bottle ring (x3) 20mm x 3mm x 115mm
Cut three lengths of 115mm. Mark out hole position H4 as shown on the Design sheet overleaf. Next set up the RBR to roll each of three strips into three circles as shown in Template 2. Finally punch hole at the H8 mark.	
Assembly	Firstly start by riveting one of the bottle rings (Component 3 Hole H4 ) to the spine (component 1) at position H3.
Then in a similar manner rivet the other two bottle rings to the brackets (component 2) at H4.	
Finally rivet the holes in the brackets H1 to the two H1 hole positions on the spine to complete the project.	

	
The finished item can now be painted using a suitable paint for metalwork in a variety of finishes either by aerosol or by brush application. Use the paint manufacturers guidelines on preparation and number of coats.	
Note - the two fixing holes can be used for mounting the item to a wall if you can find long enough 3mm dia screws. Alternatively, if you possess a power drill and drills bits for metal you can use the two holes H2 as pilot holes for a bigger 5mm or 6mm hole so that bigger screws/wall plugs can be used.	
Be sure to check the fixing screws are sturdy enough to support three full wine bottles.	



The practical yet minimalist styling of the wall mounted wine rack offers an elegant feel to any room. Its space saving design gives you room to store your favourite bottles of red/white or rosé, to have at hand and too enjoy.  
Why not try making 3 or more to give that more contemporary look.

## GENERAL NOTE



## Design Pack

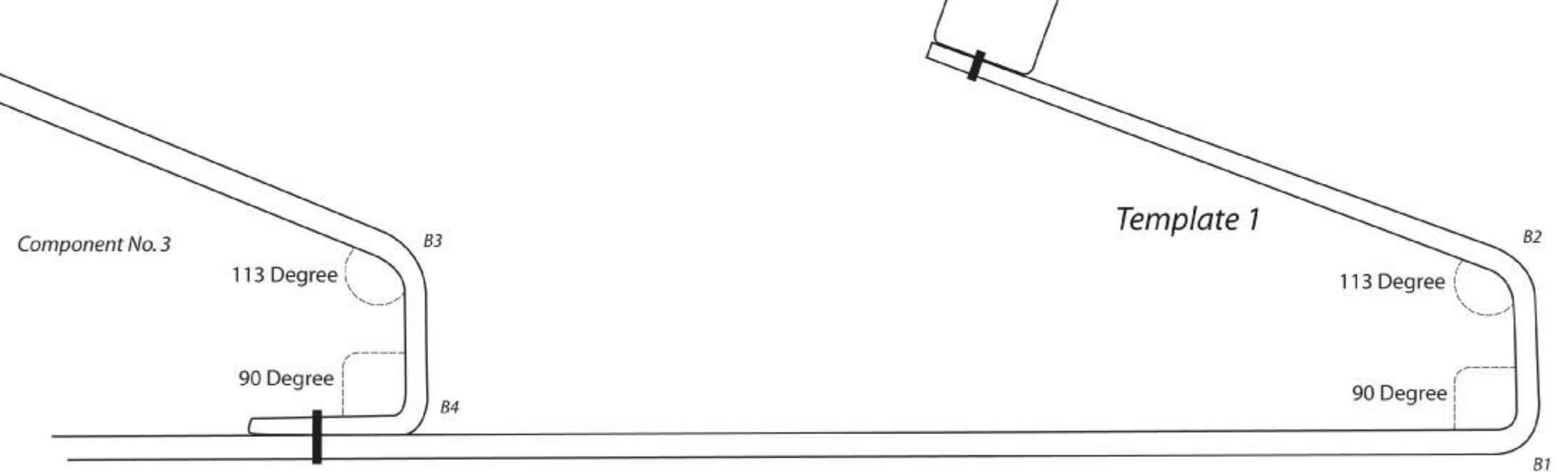
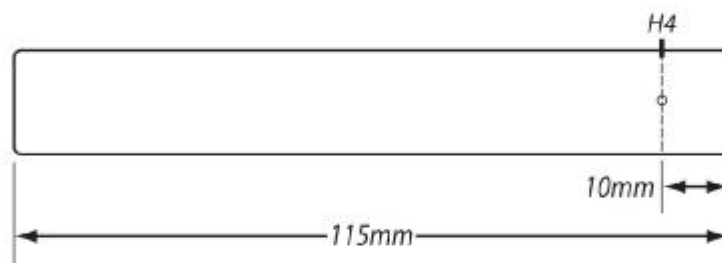
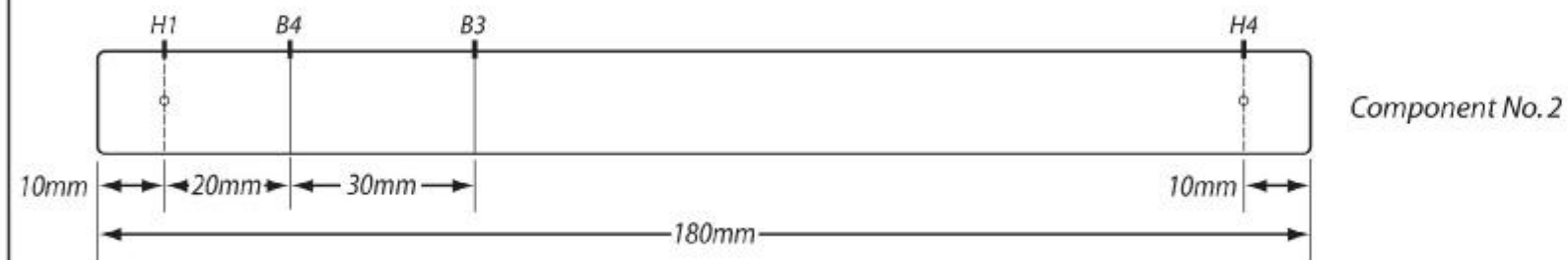
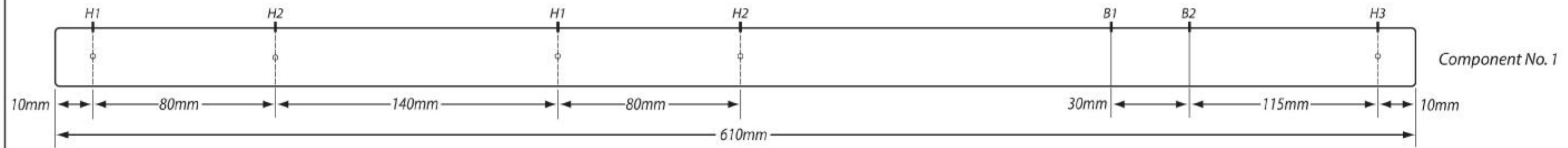
## Wall Mounted Wine Rack

Difficulty Rating:	
Easy	✓
Straightforward	
More complex	



# Design Pack: Wall Mounted Wine Rack - Design Sheet

Not to Scale:



## List of Materials

1 Length x 20mm x 3mm x 6ft [Re- Order Ref: MC039]

6 x 3mm x 8mm Rivets [Re-Order Ref: MC051L]

