

Gal's basket

bill of material

material	size	quantity
Aluminum flat bar	720 mm	1
Cordura 500	1m	1
rivet	3*10	2
Phillips Pan Head Screw	M5 x 10mm	2
Nut	M5 x 0.8mm	2
Rigid foam polyethylene	100mm*280mm	1
plywood	100mm*280mm	1
PETG- black	90 g	1

Square aluminum rod

860mm

15mm

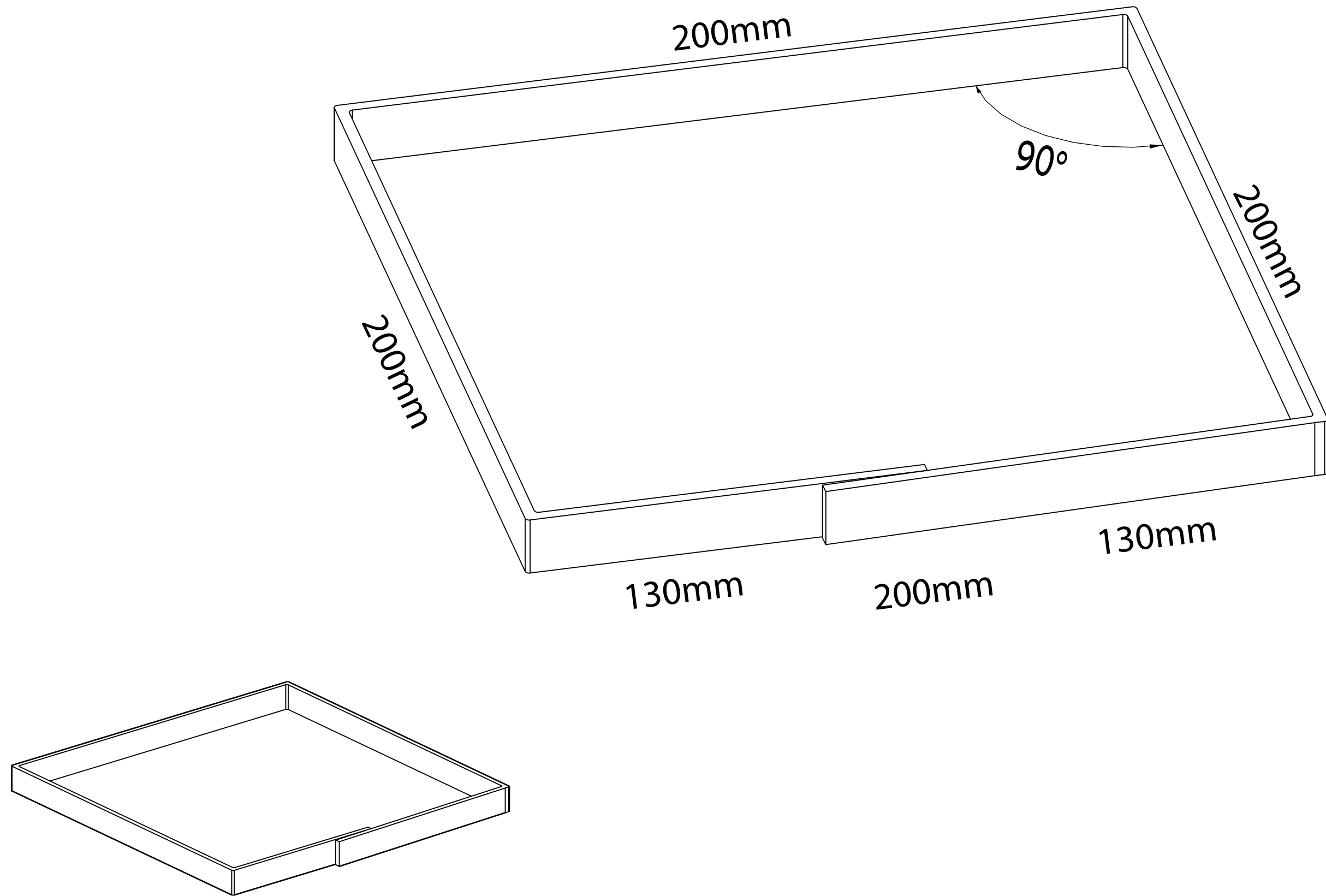


3mm

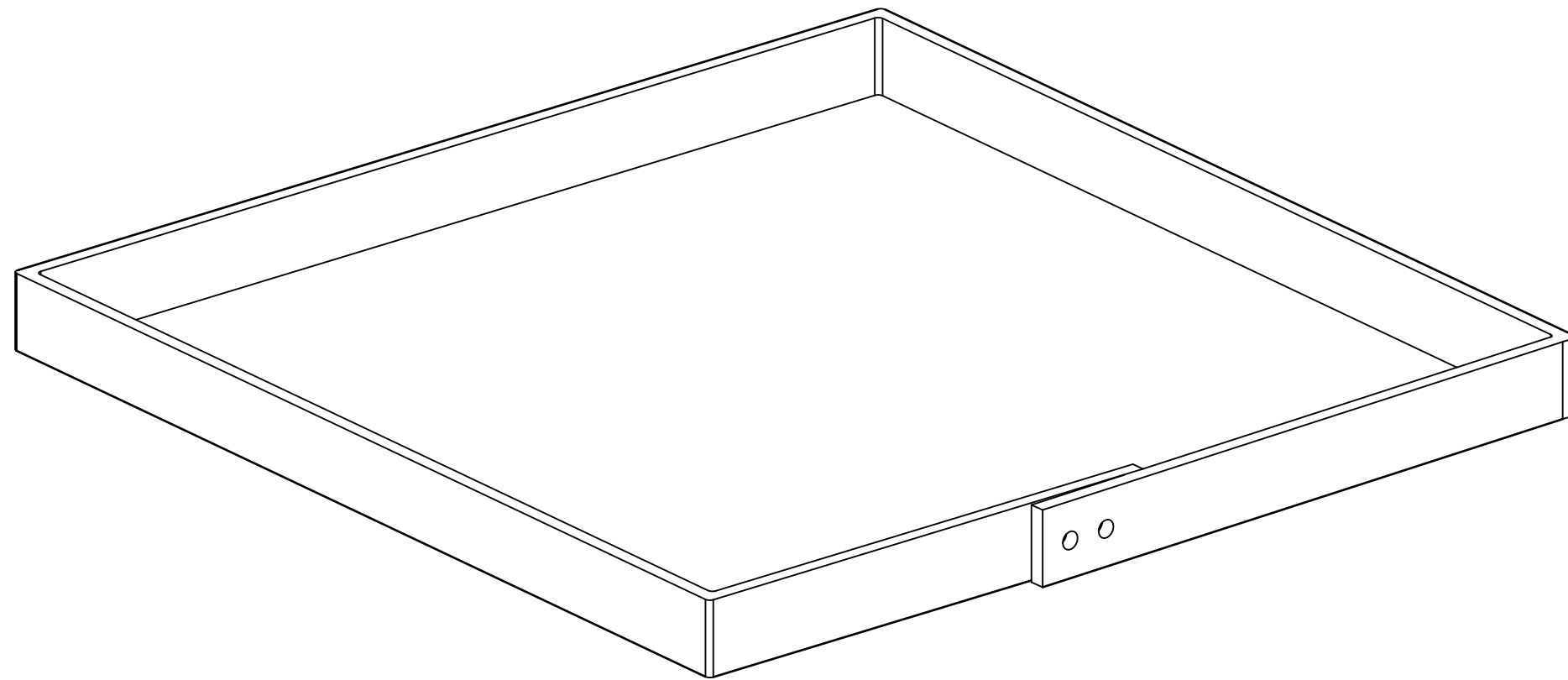
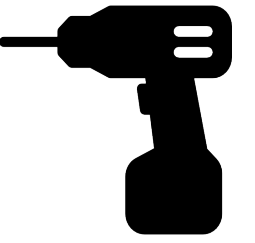


step 1- Print the attached parts.

step 2 - Bend the Aluminum flat bar according to the specified measurements, ensuring the dimensions refer to the outer edges of the bend.



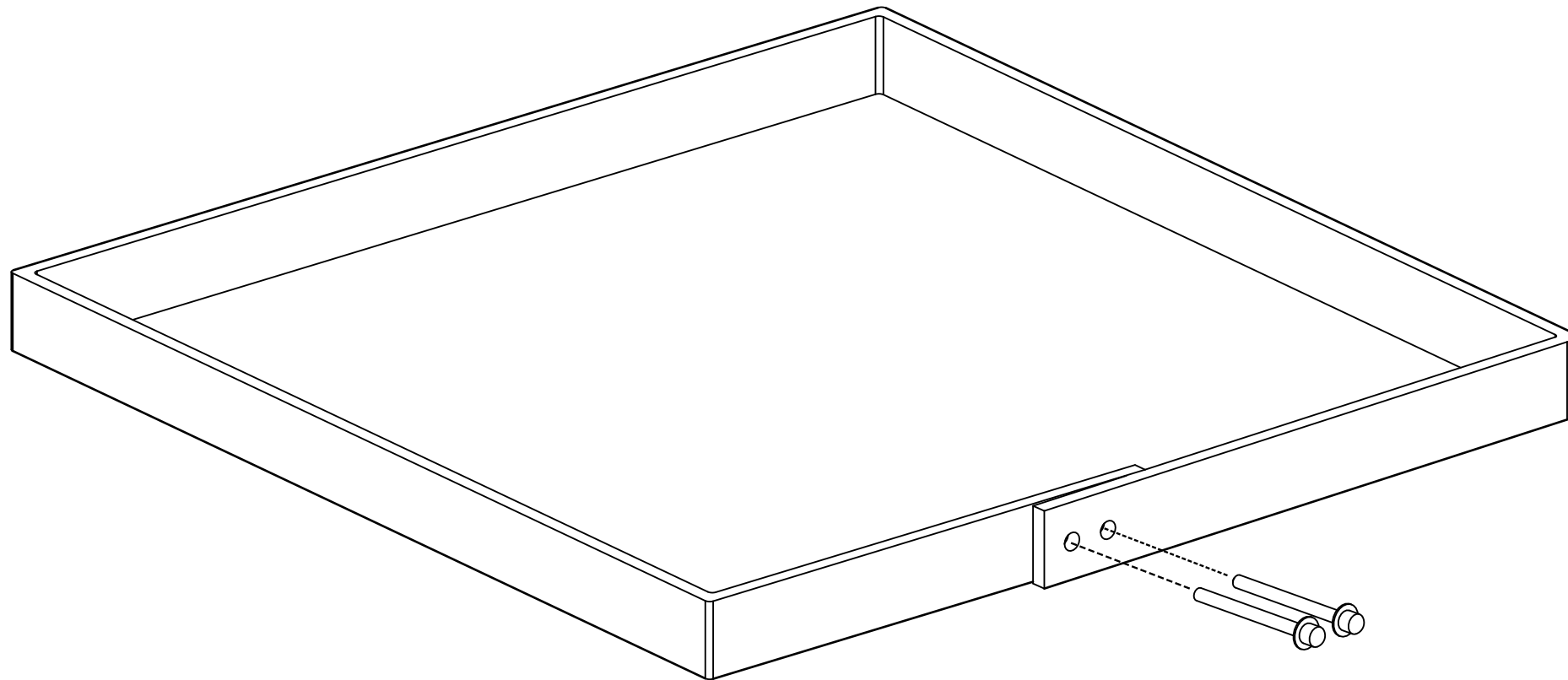
Step 3 – Drill two holes, 3 mm in diameter, in the overlapping section of the rod.



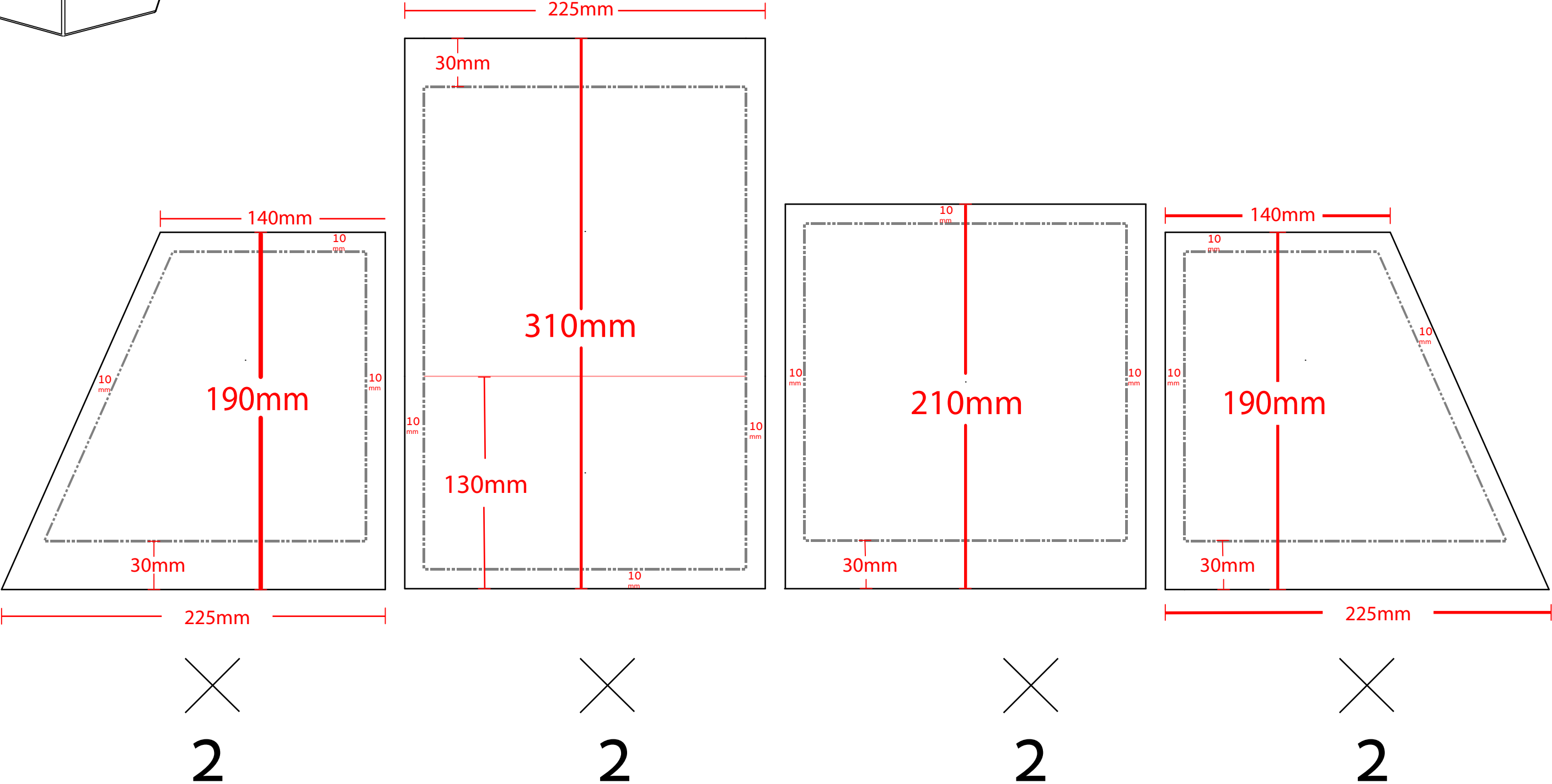
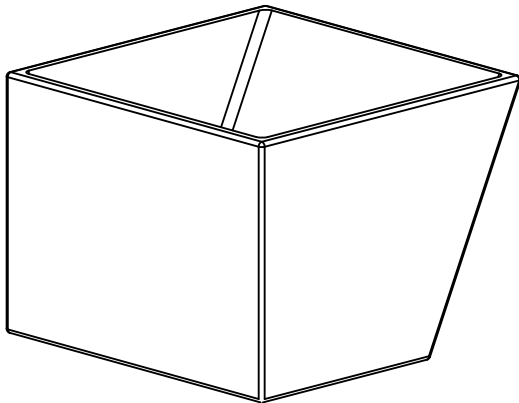
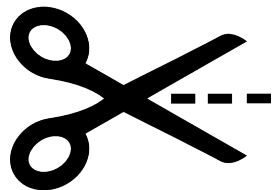
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Step 4 – Place two rivets in the pre-drilled holes and fasten them firmly with a rivet gun.



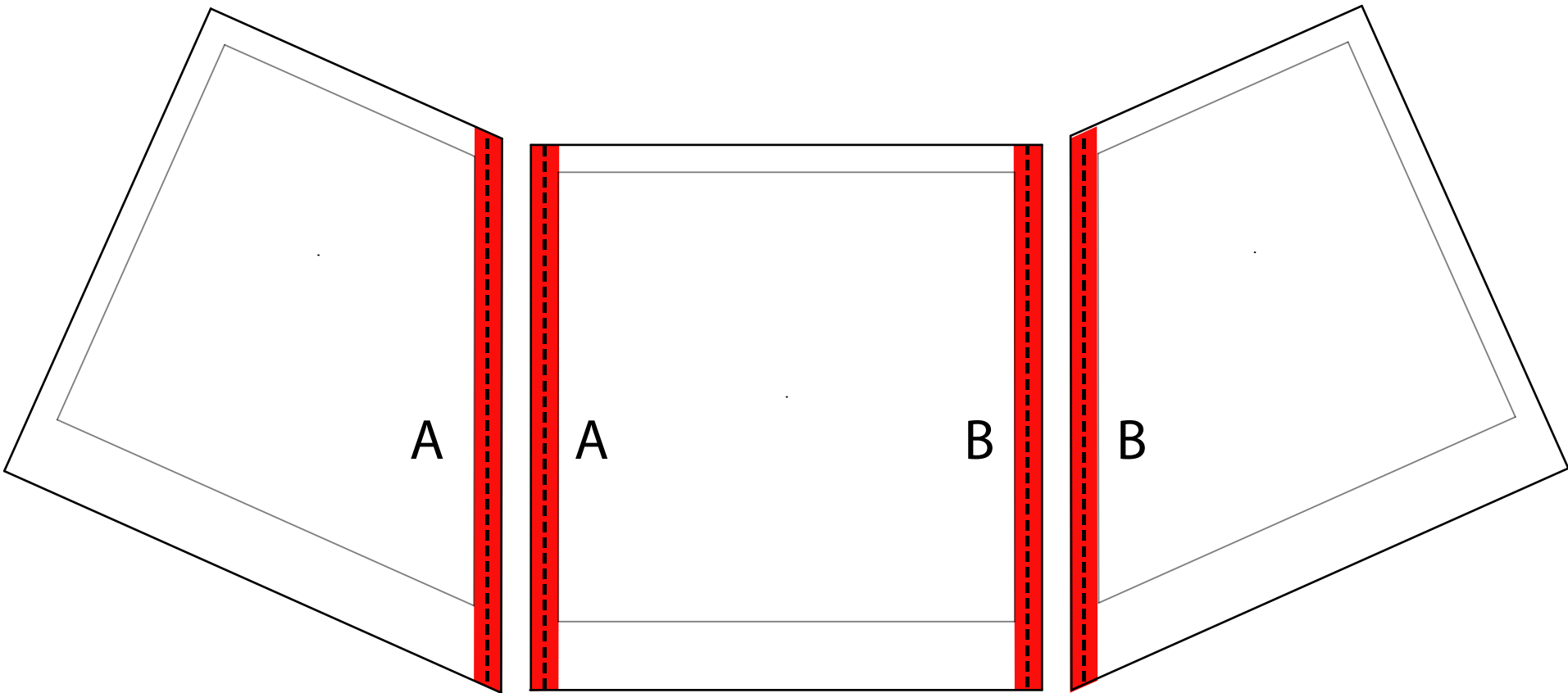
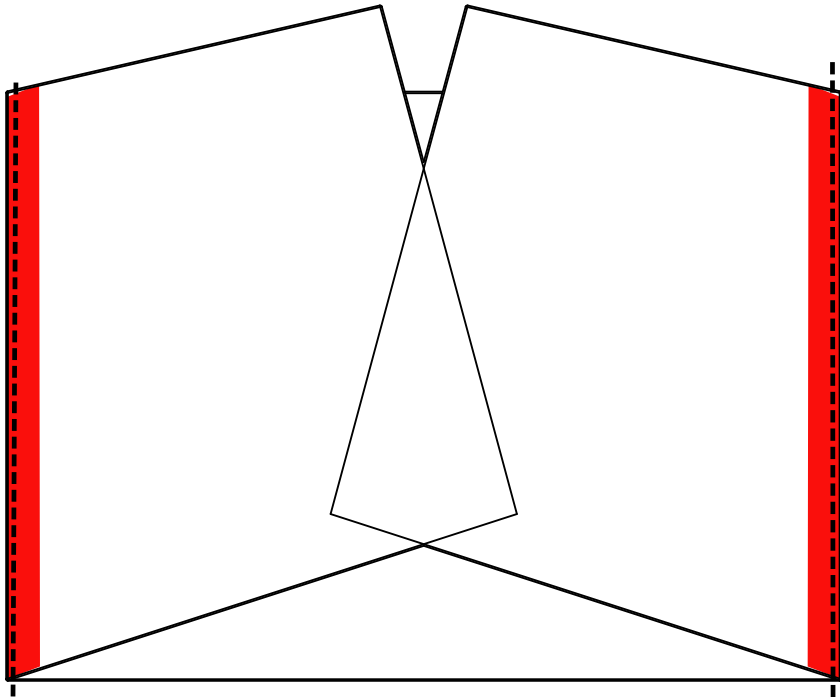
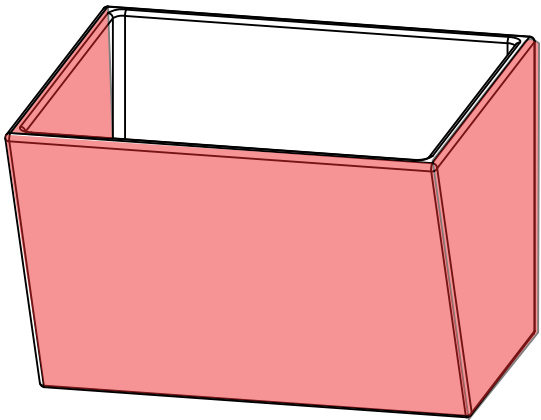
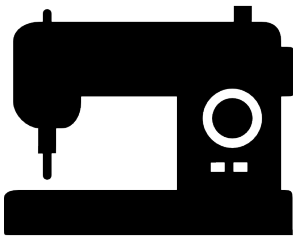
Step 5 (Fabric) – Cut the fabric according to the pattern below .



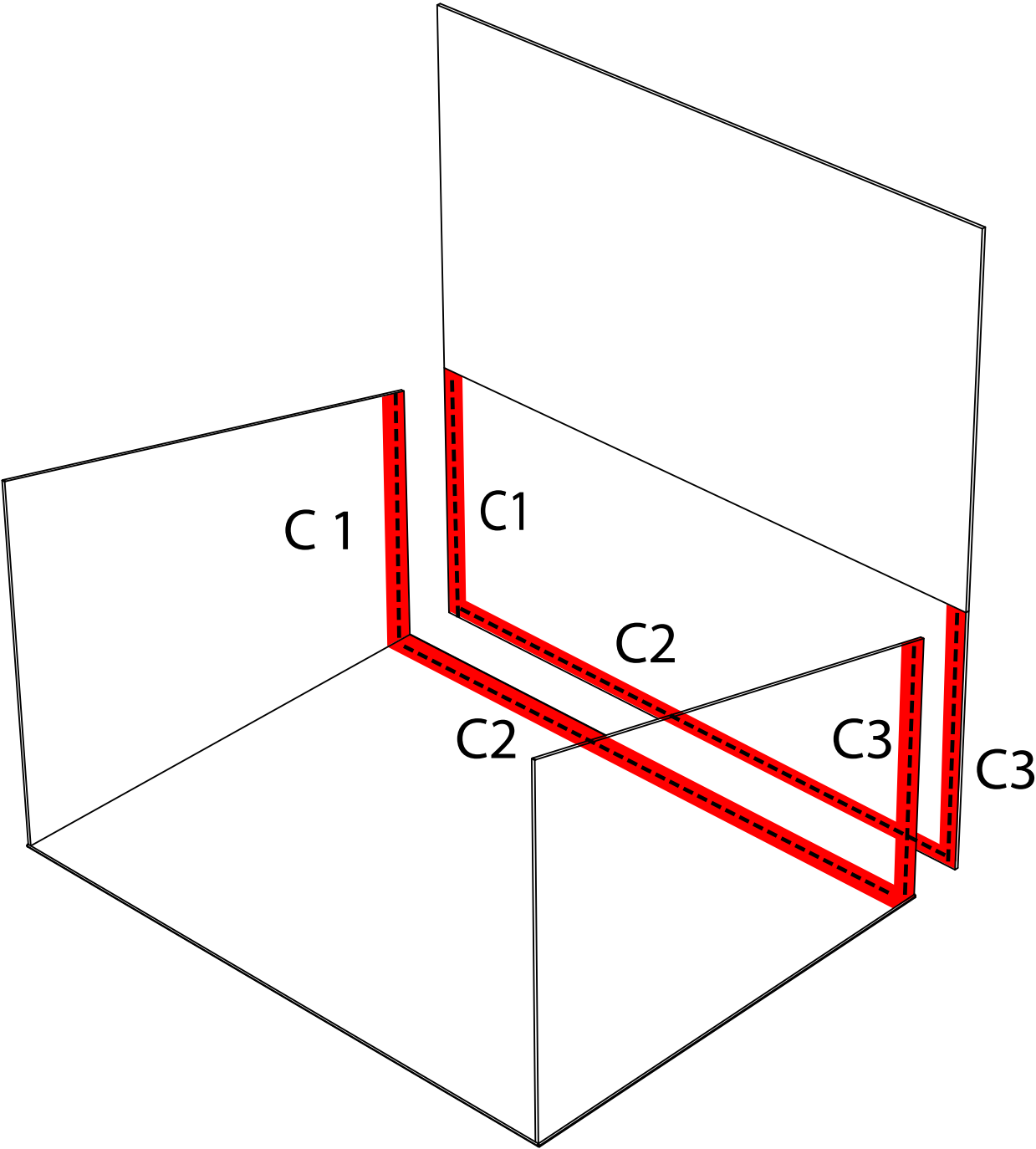
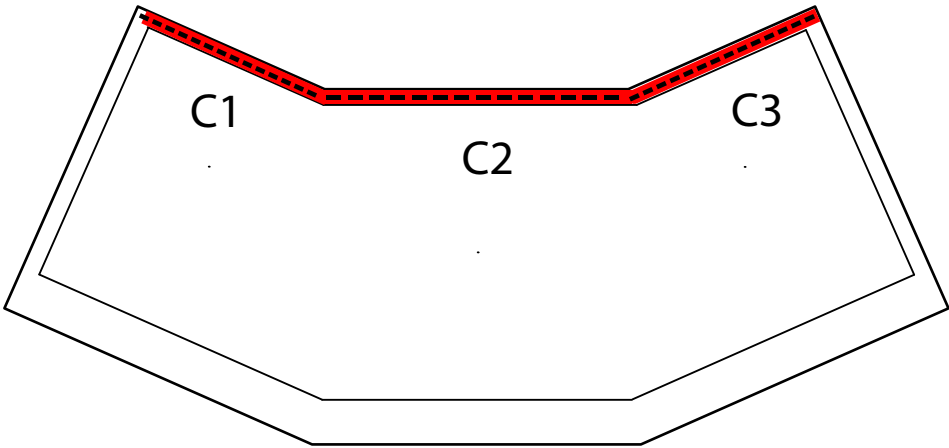
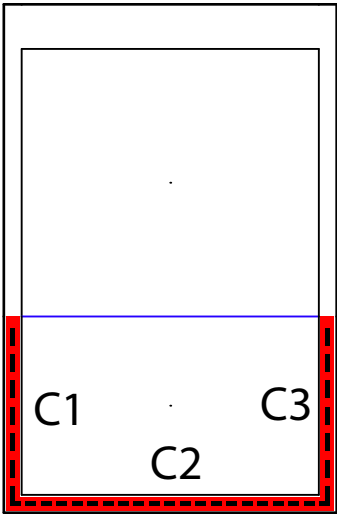
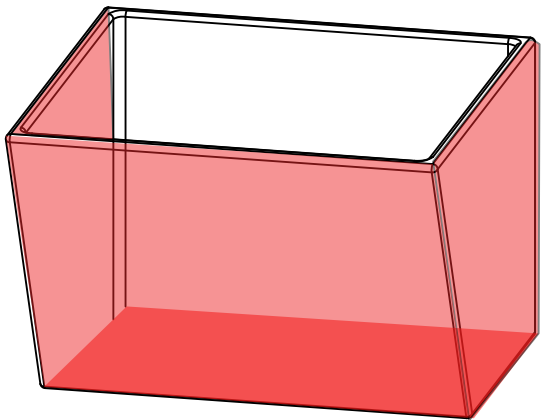
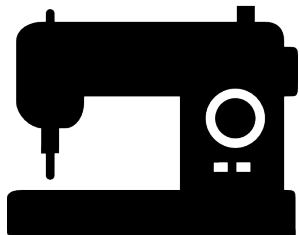
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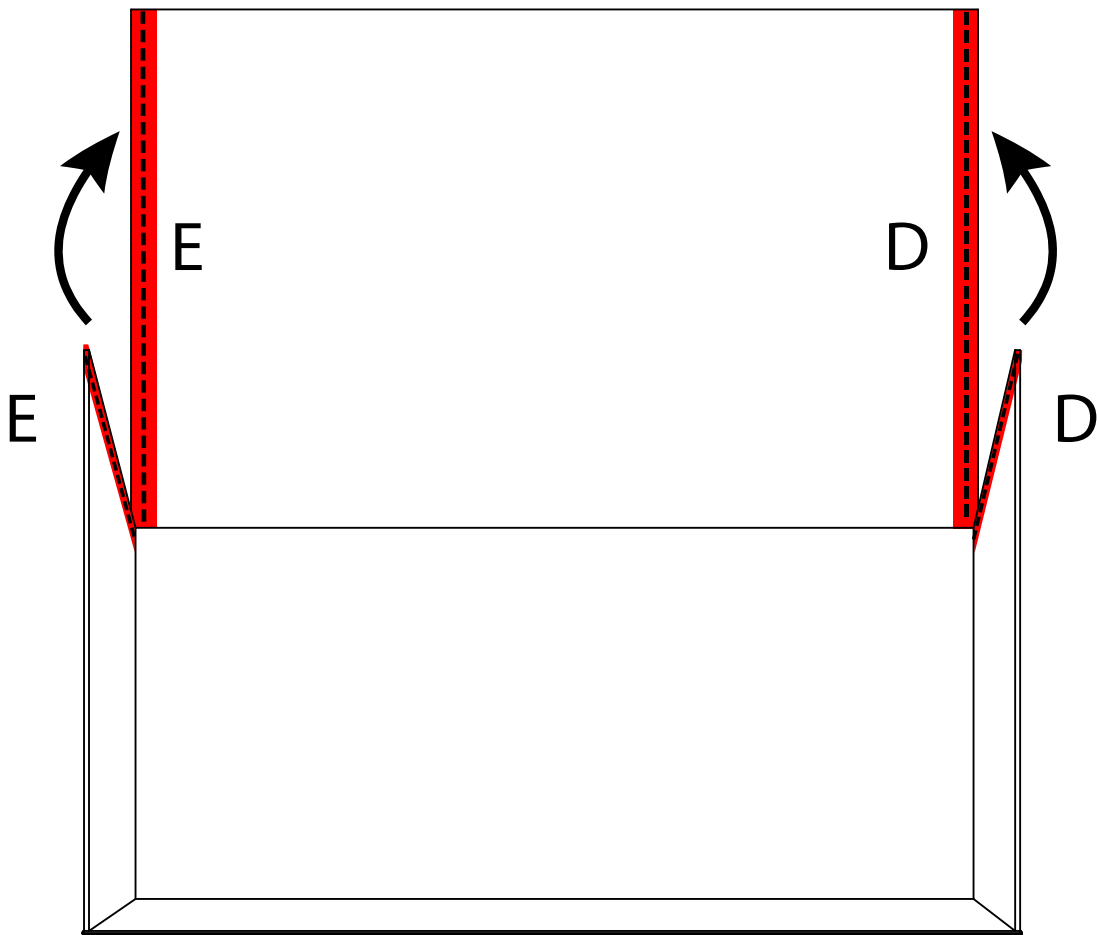
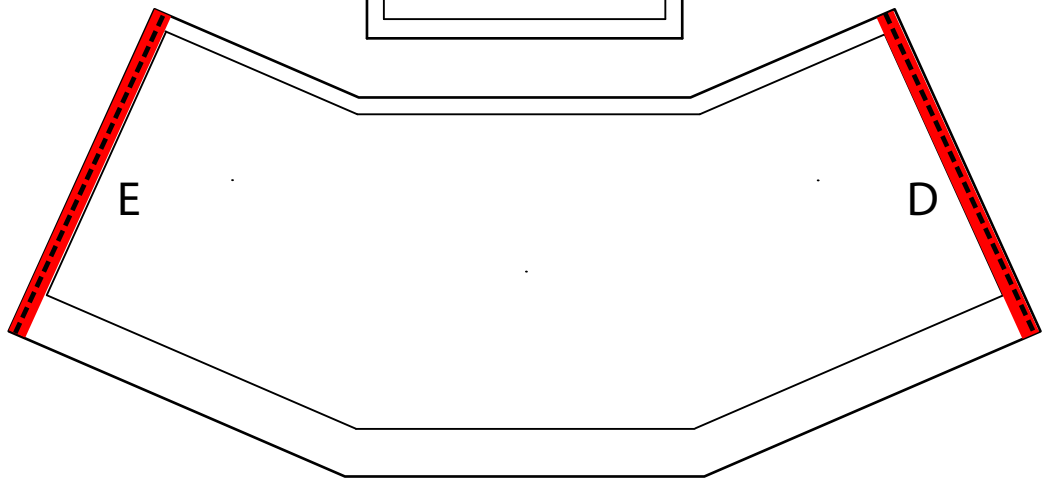
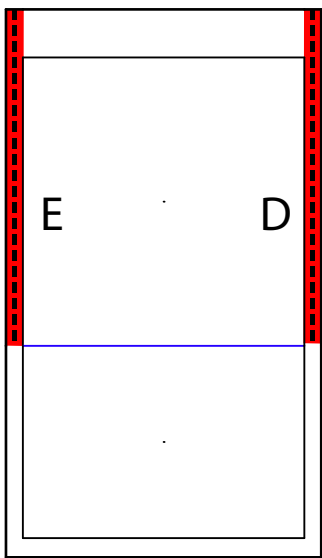
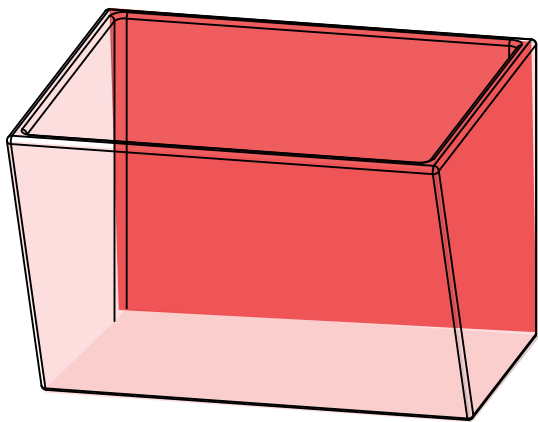
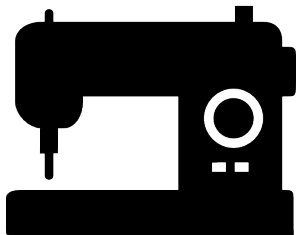
Step 6 – Sew side A to matching side A, and side B to matching side B.



Step 7 – Sew side to matching side

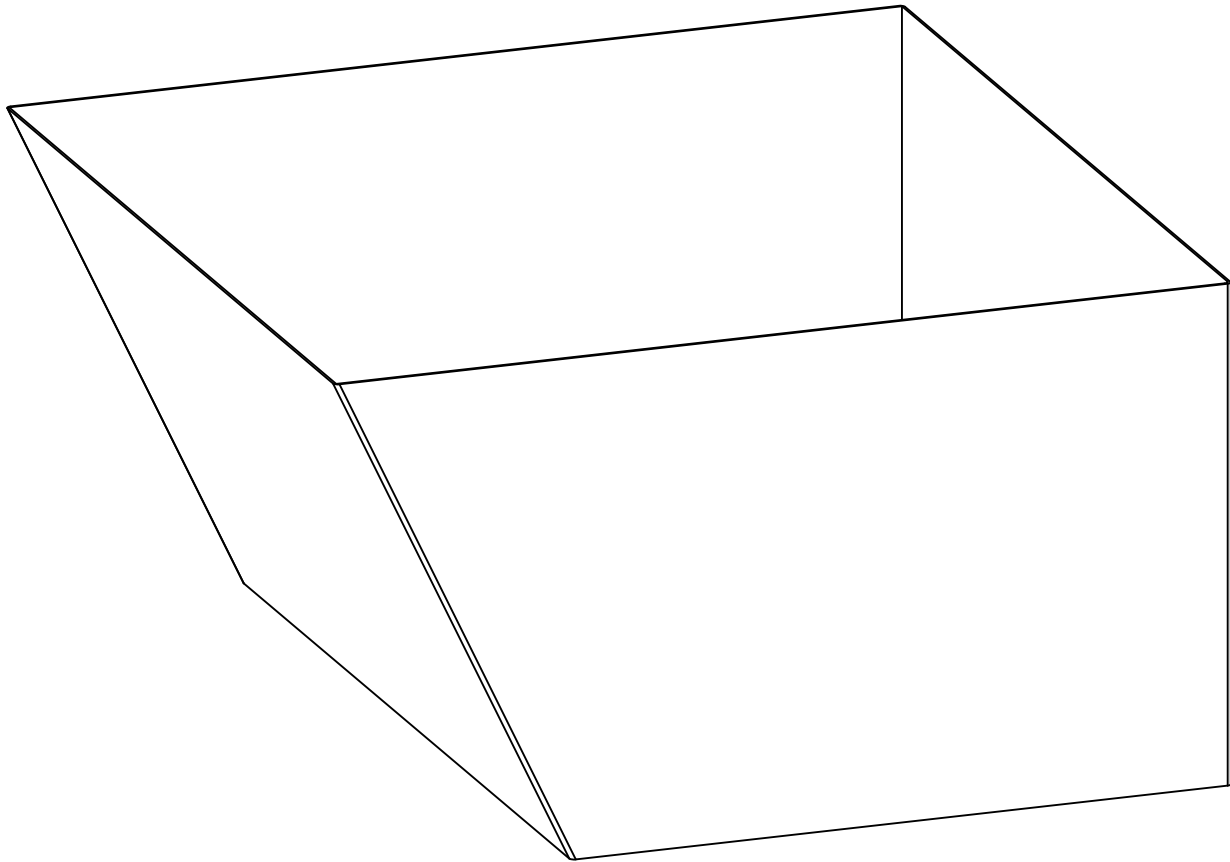


Step 8 – Sew side to matching side

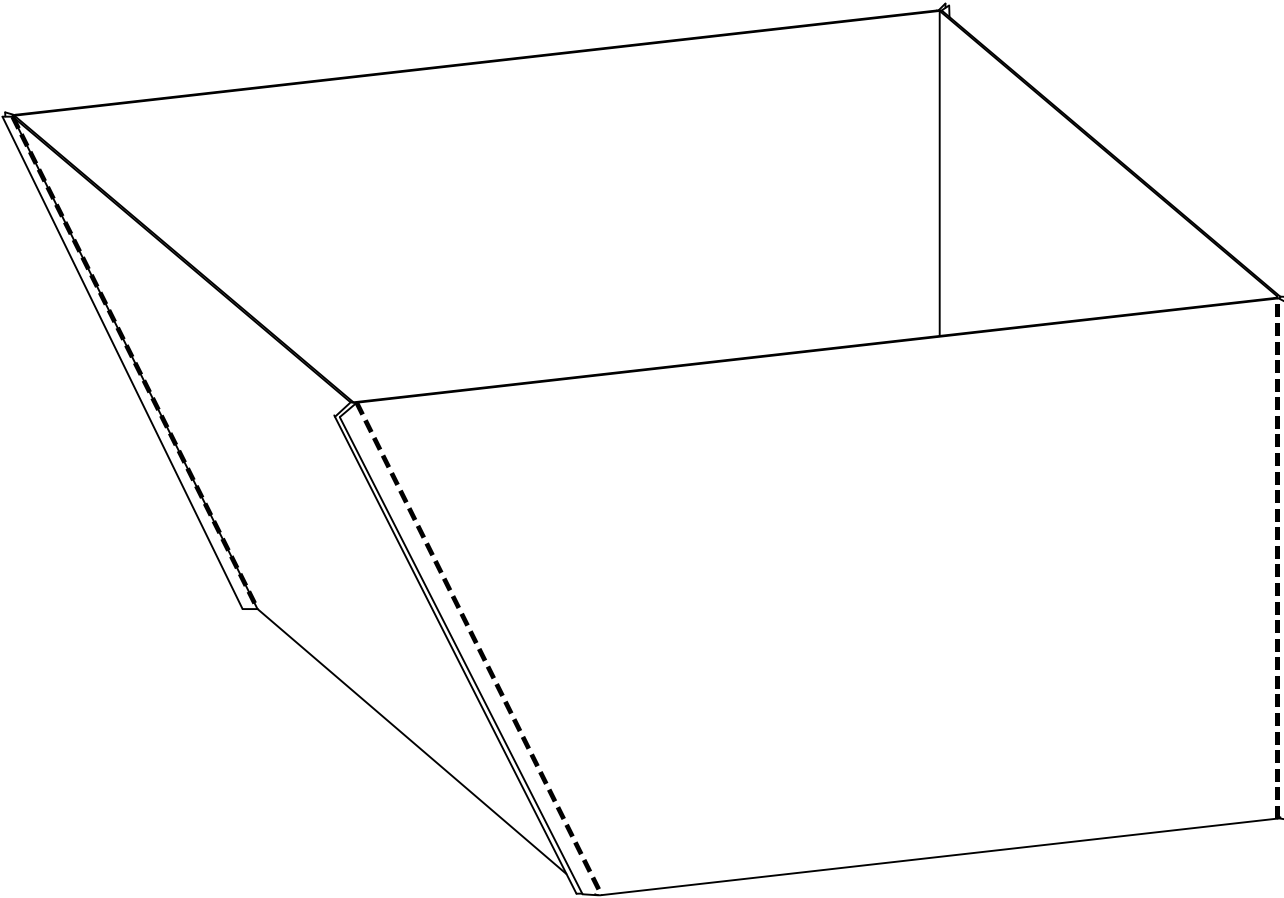


Step 9 – Turn one piece inside out.

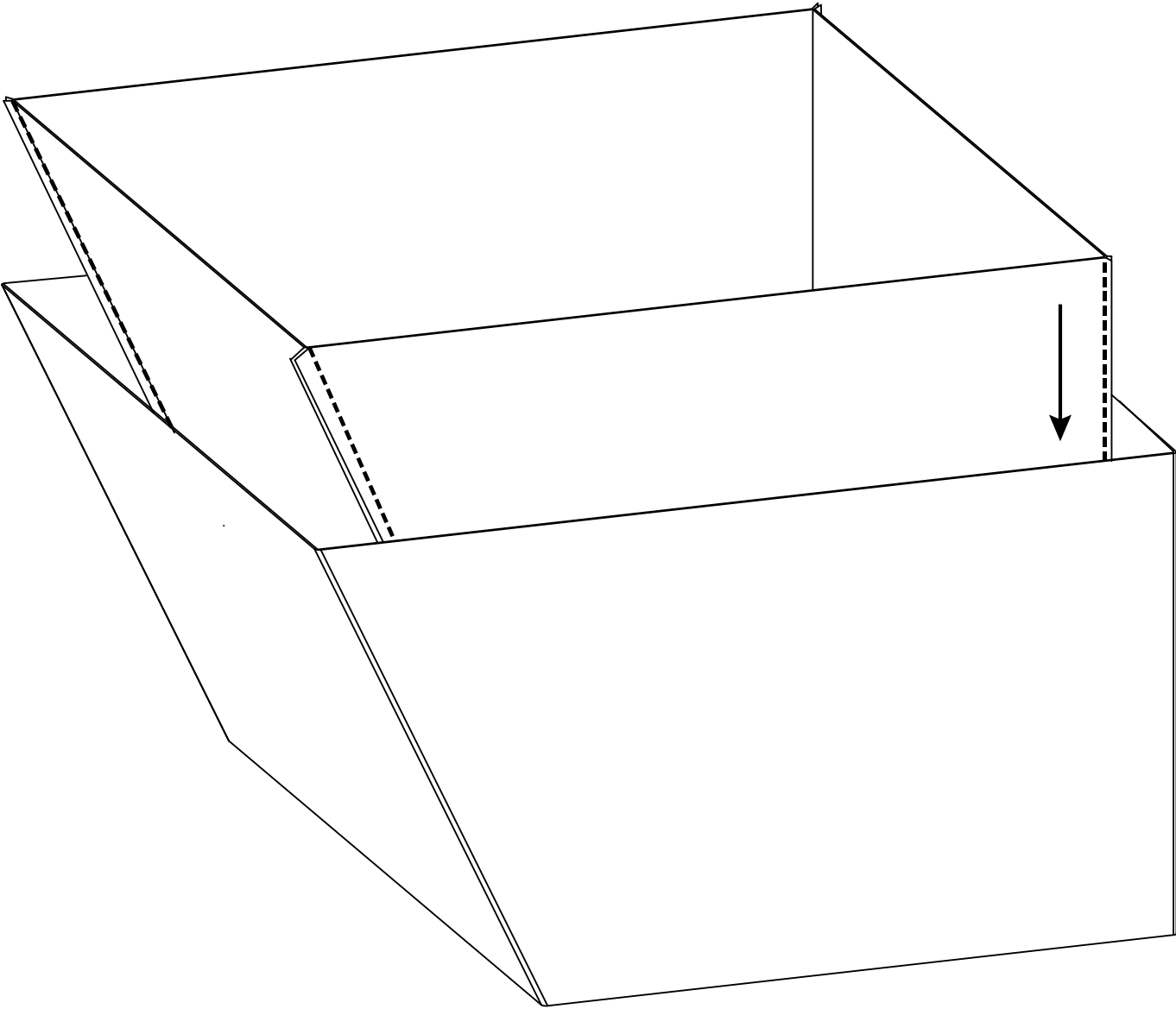
1



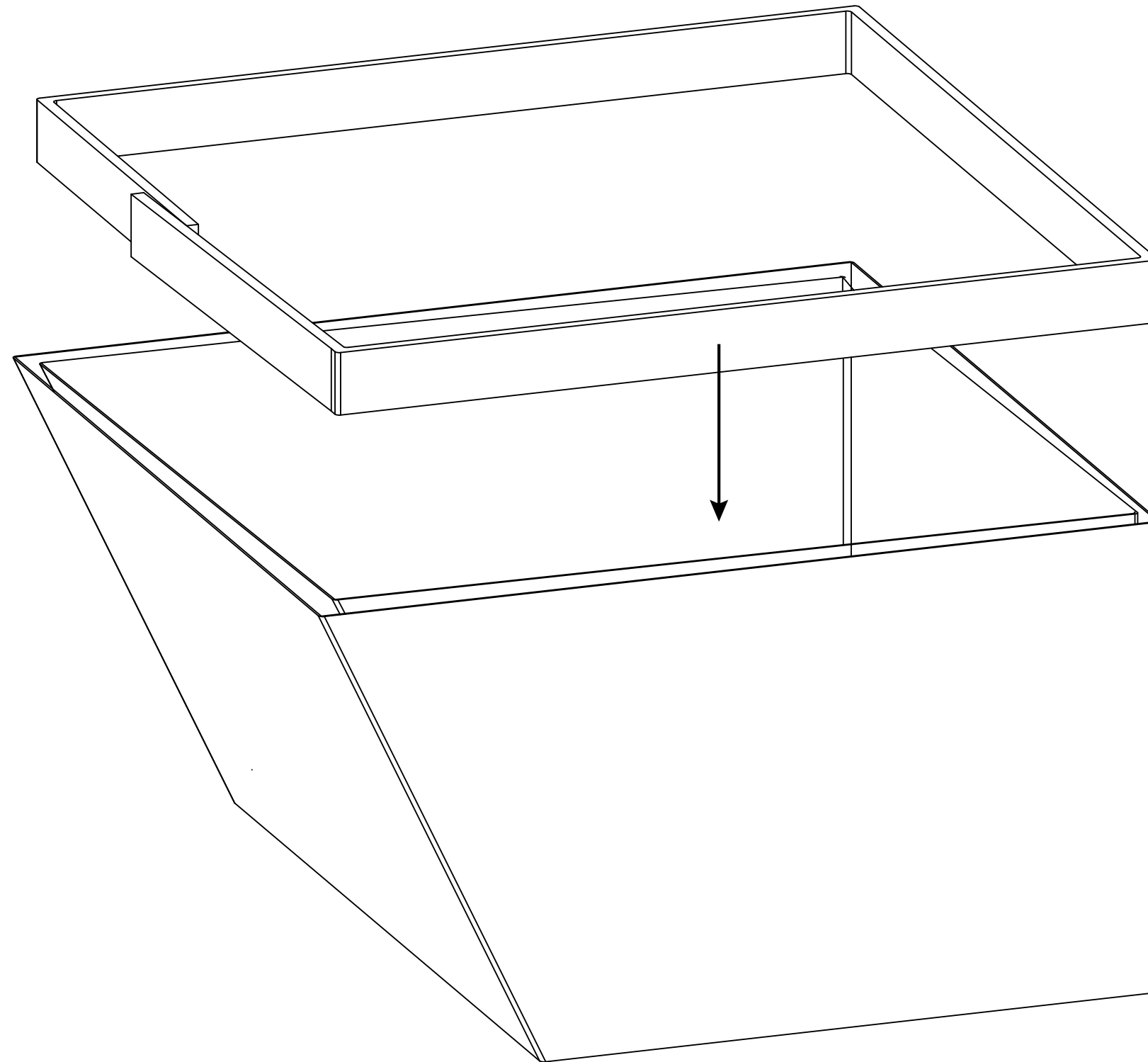
2



Step 10– Insert the inside-out piece into the right-side-out piece.



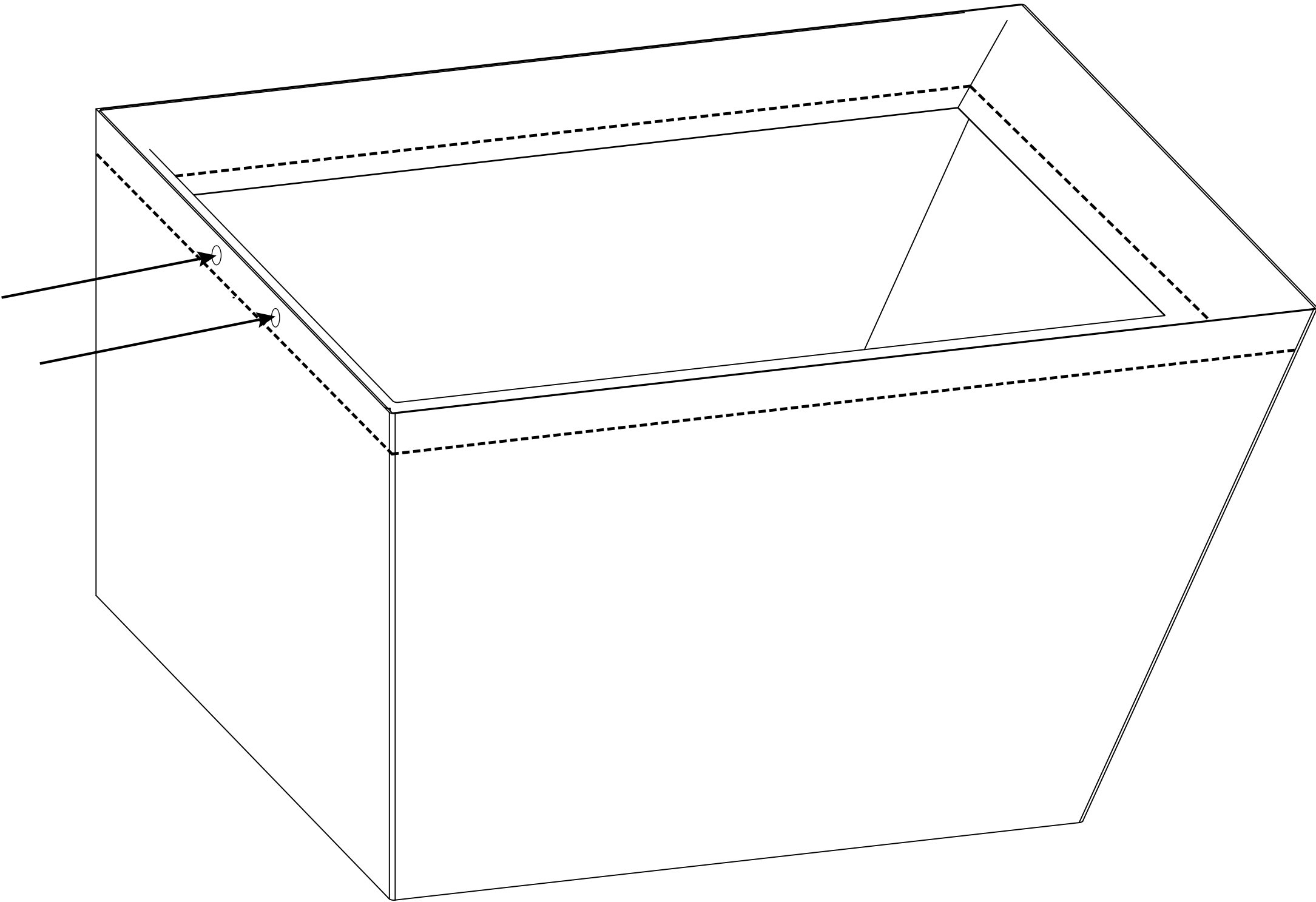
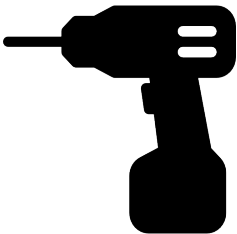
Step 11- Slide the frame into the assembled fabric pieces.



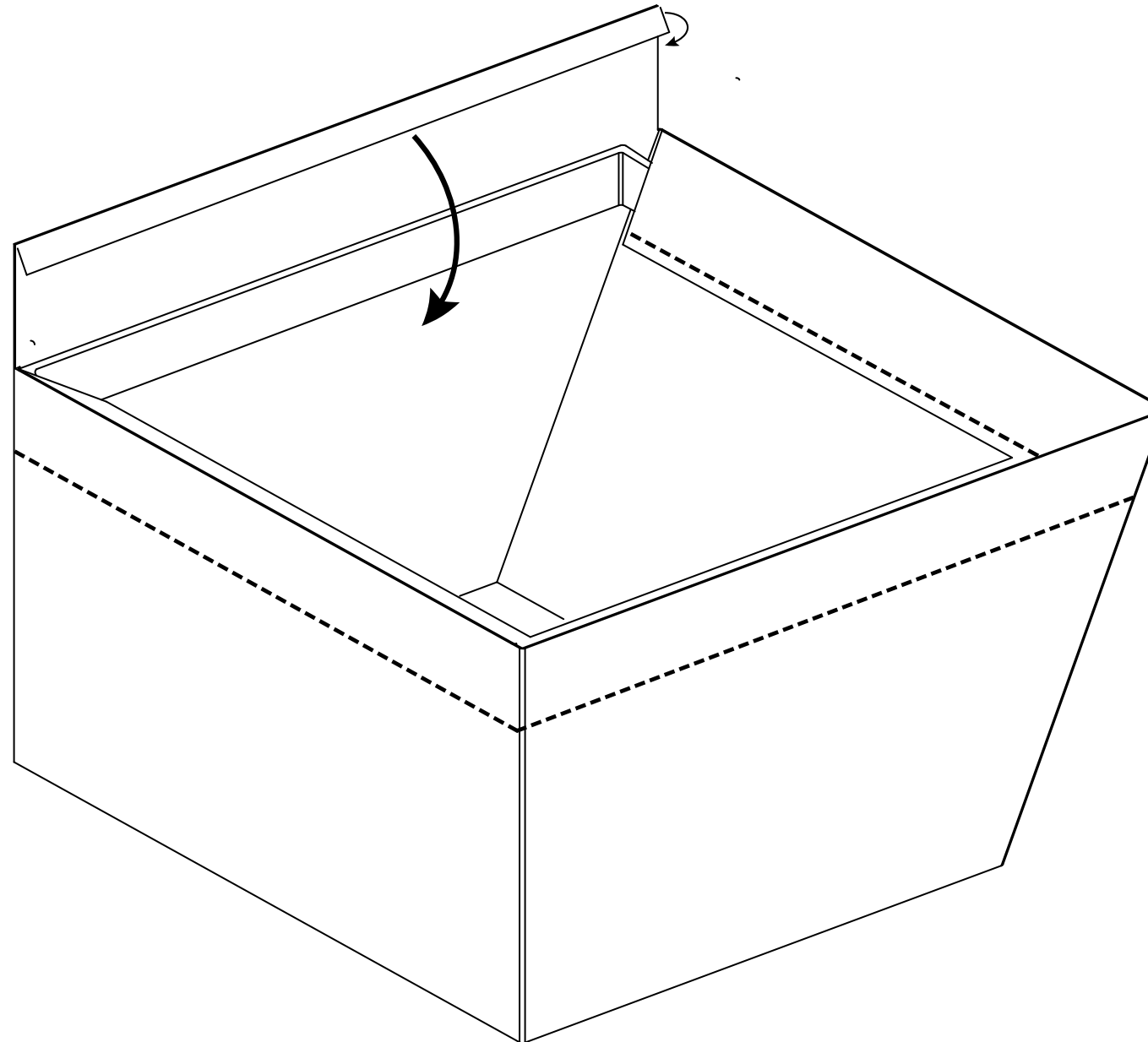
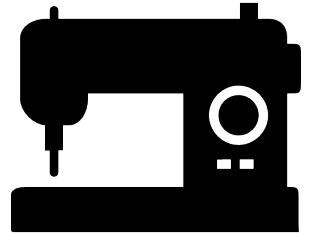
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Step 12 - Drill two holes size 5mm , spaced 34.5 mm apart, passing through the frame and the fabric layers.



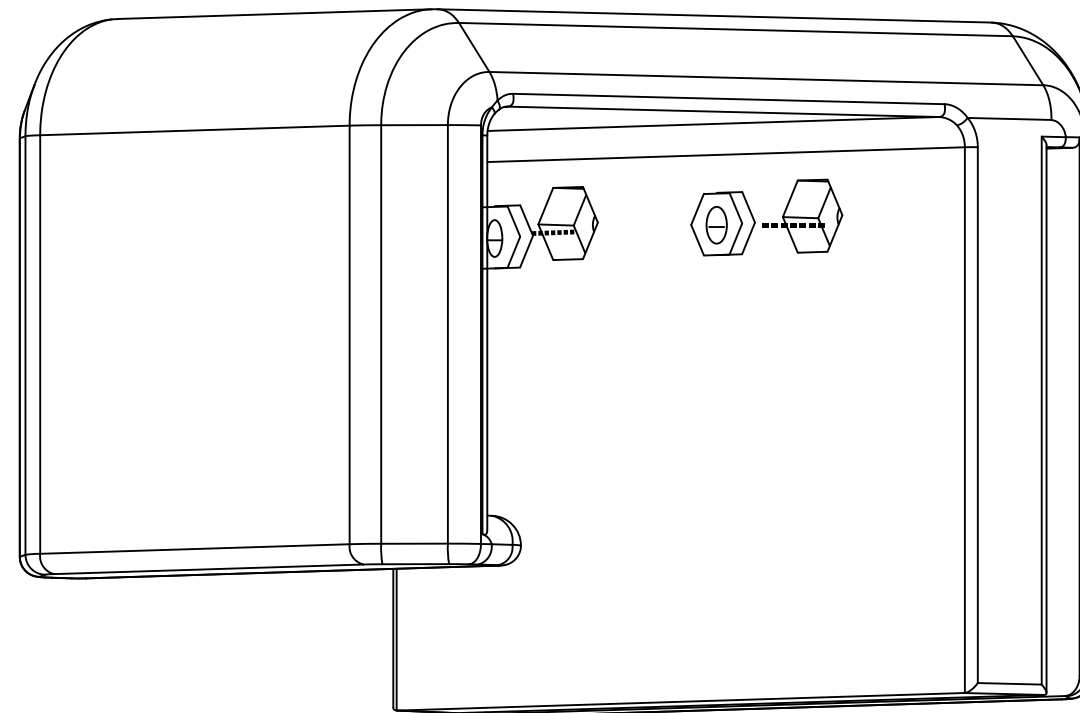
Step 13- Double-fold the edge of the fabric to form a clean hem, then stitch it securely around the frame*



*Stitching can be done either by hand or with a specialized sewing machine



Step 14- Insert the nuts into the designated holes.



Step 15- Thread the connector onto the bag and fasten the screws securely.

