

Natali's basket

bill of material

material	size	quantity
Aluminum flat bar	860 mm	1
Cordura 500	1m	1
rivet	3*10	2
Phillips Pan Head Screw	M5 x 10mm	2
Nut	M5 x 0.8mm	2
PETG- black	151 g	1

Aluminum flat bar

720mm

15mm

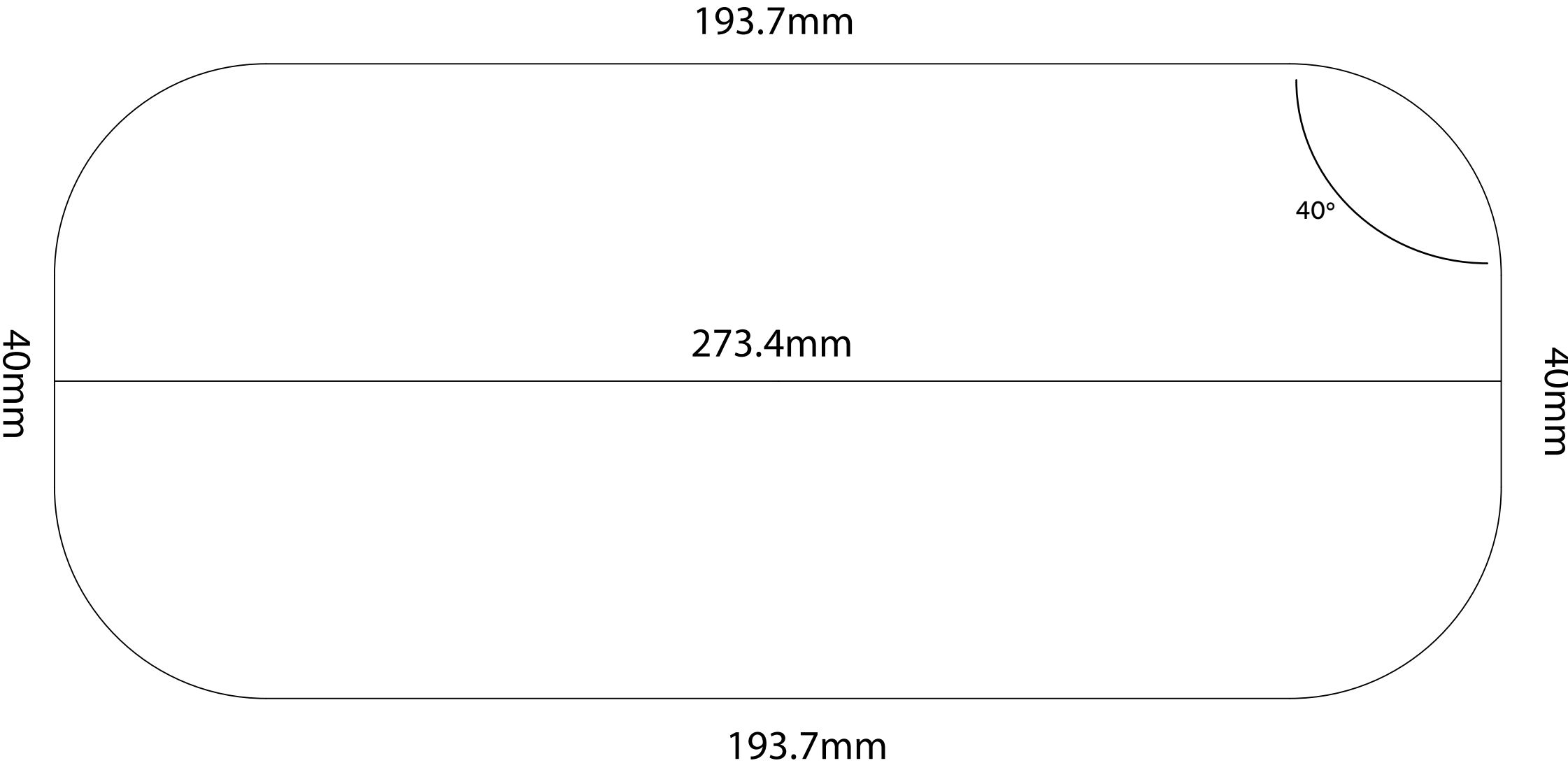


3mm

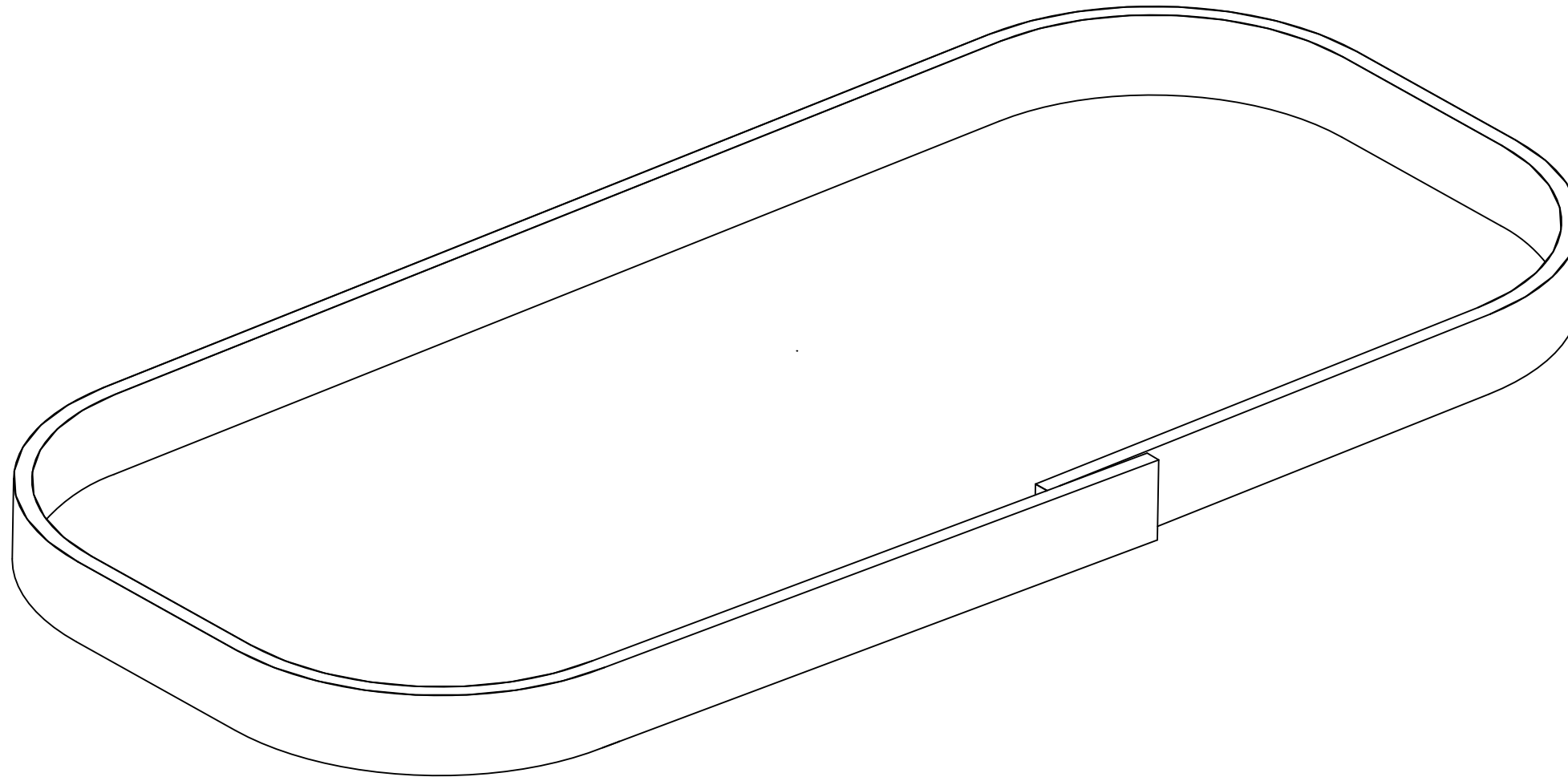


step 1- Print the attached parts.

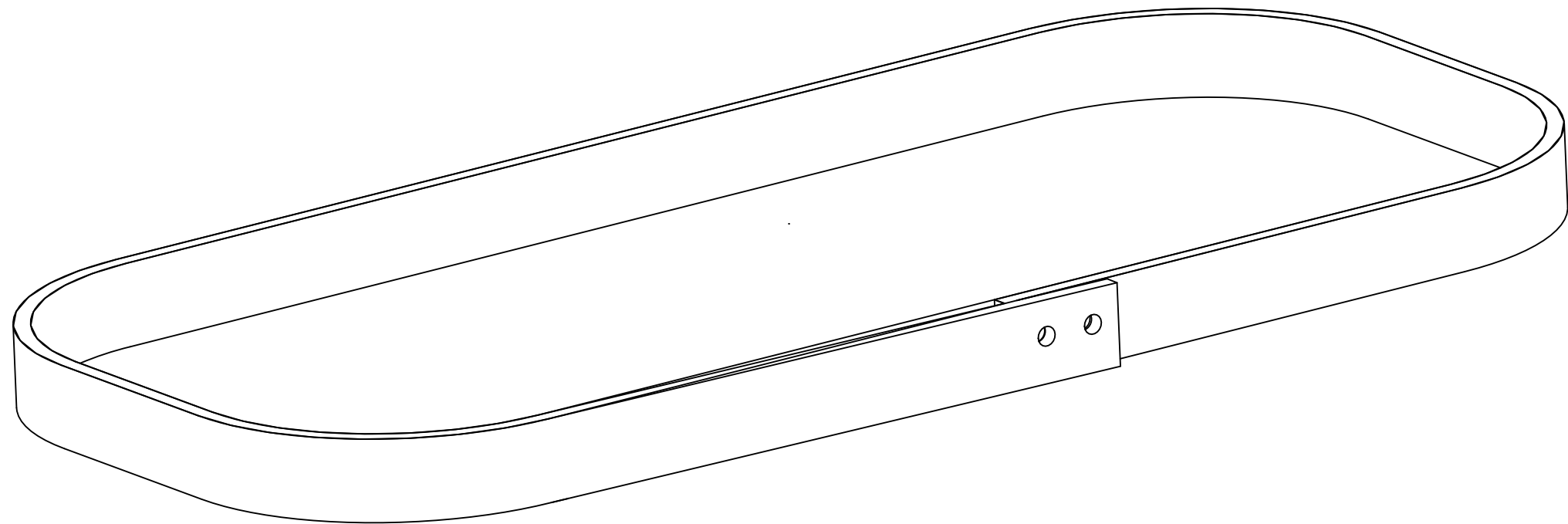
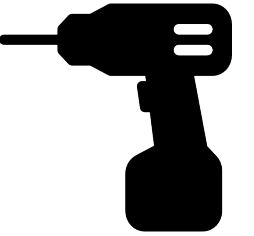
step 2- Cut wood according to the specified dimensions, with a thickness greater than 15 mm, to be used as a bending jig.



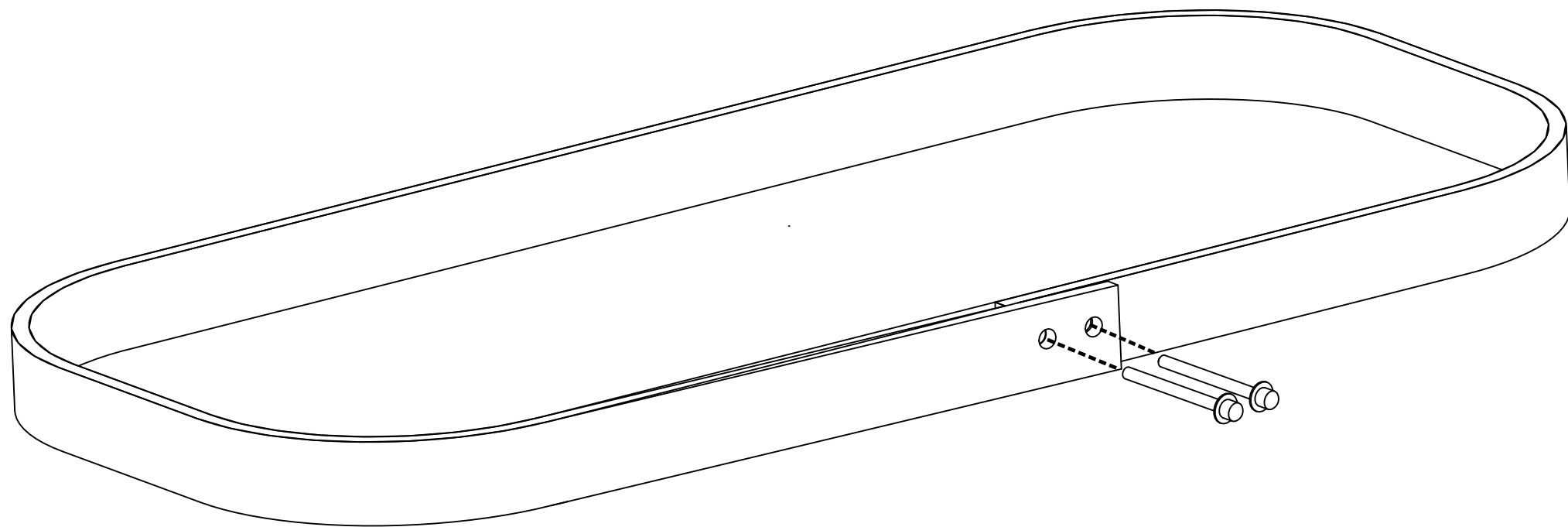
step 3- Bend the aluminum over the jig, leaving extra material at the connection area as shown in the diagram



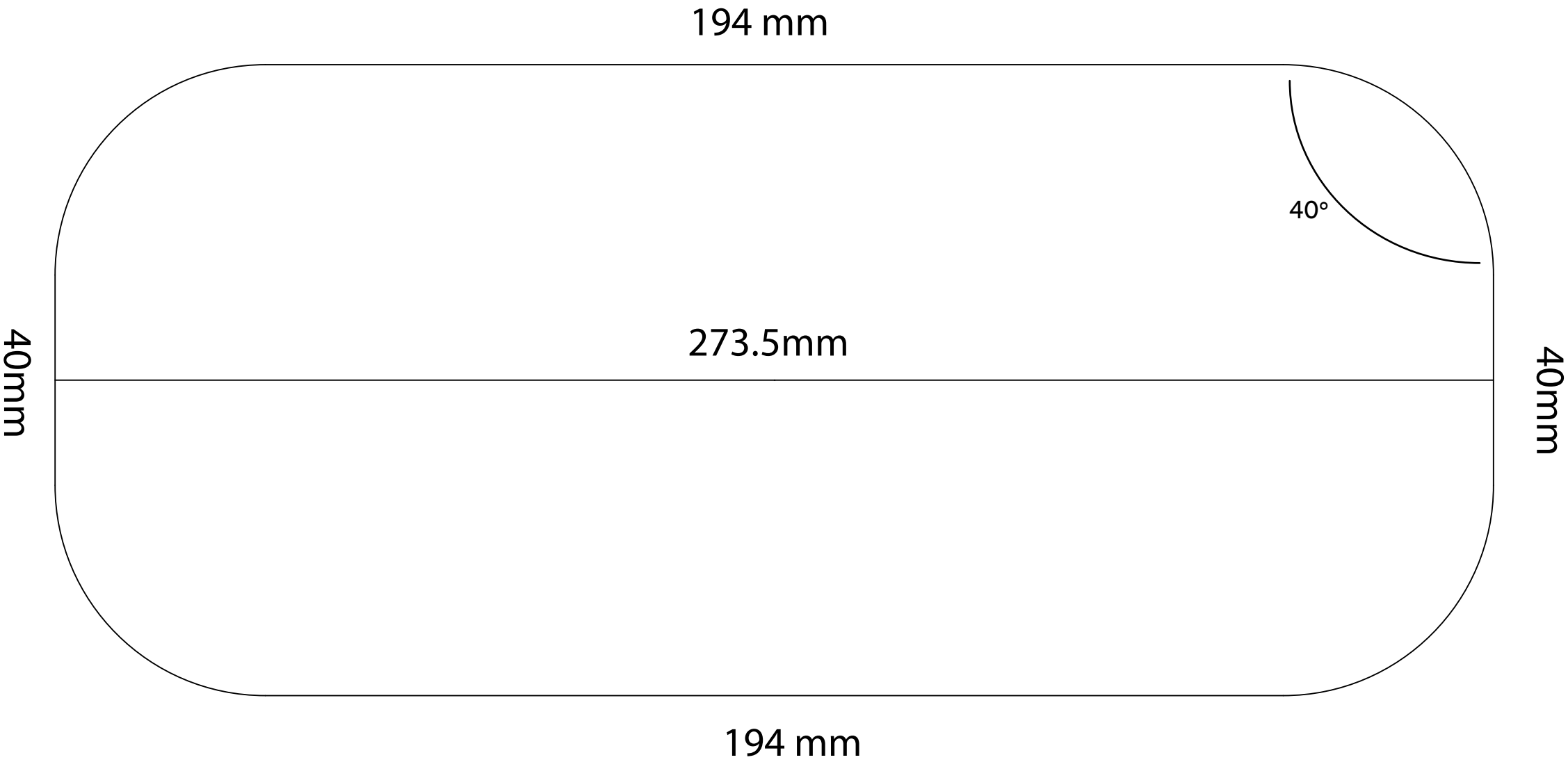
Step 3- Drill two holes, 3 mm in diameter, in the overlapping section of the rod.



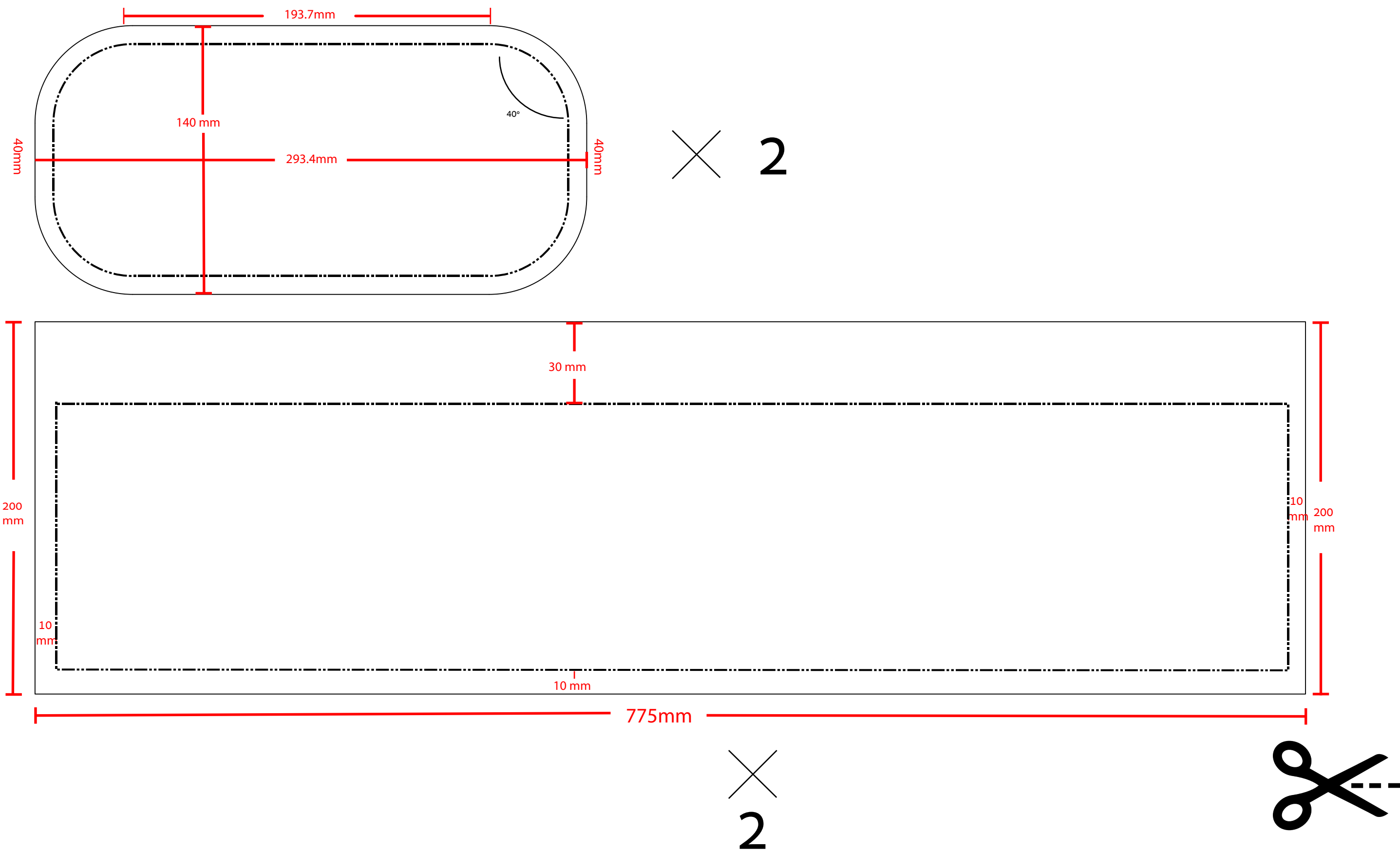
Step 4– Place two rivets in the pre-drilled holes and fasten them firmly with a rivet gun.



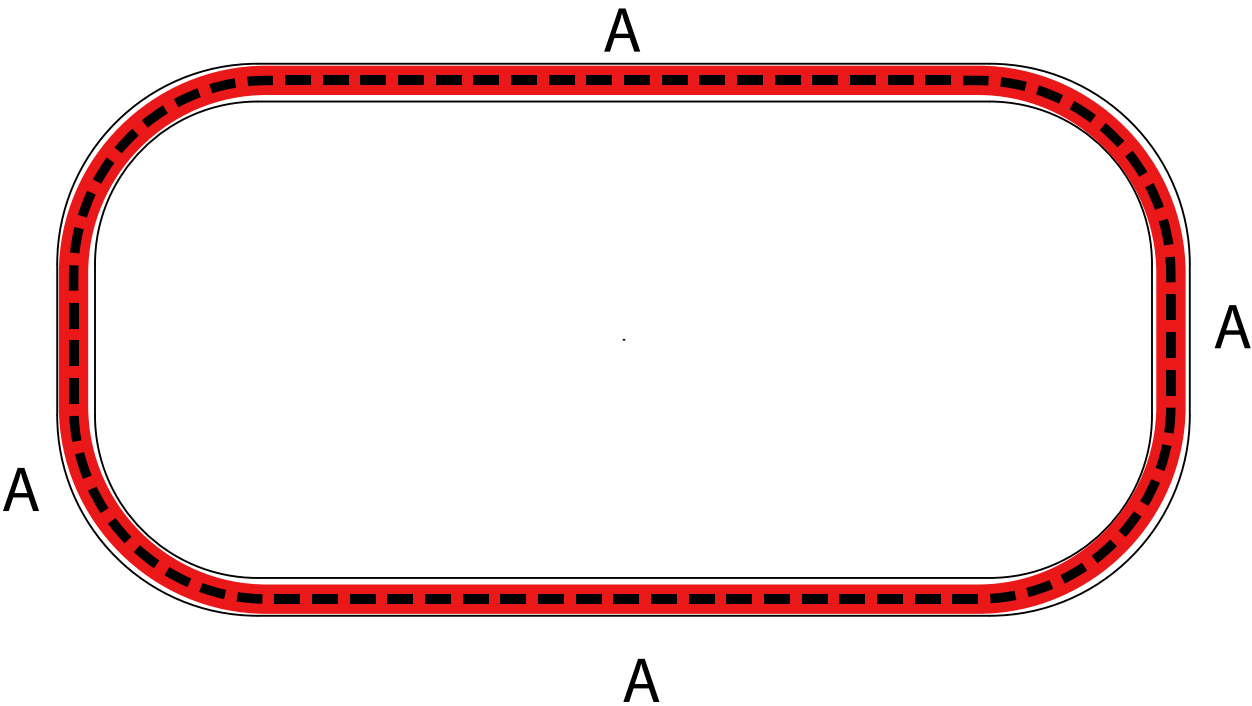
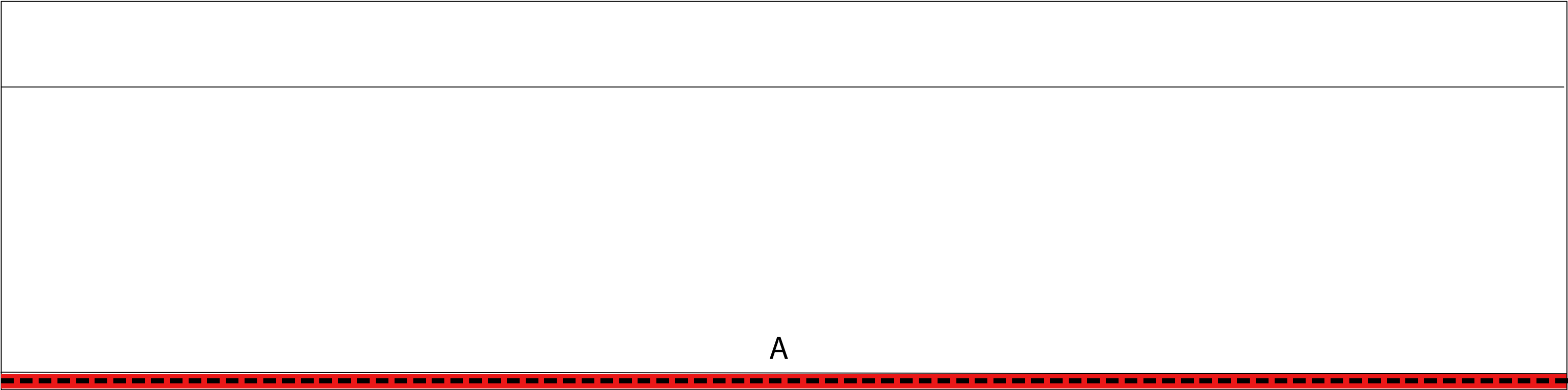
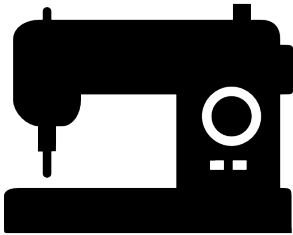
step 5 - Cut the foam according to the specified dimensions



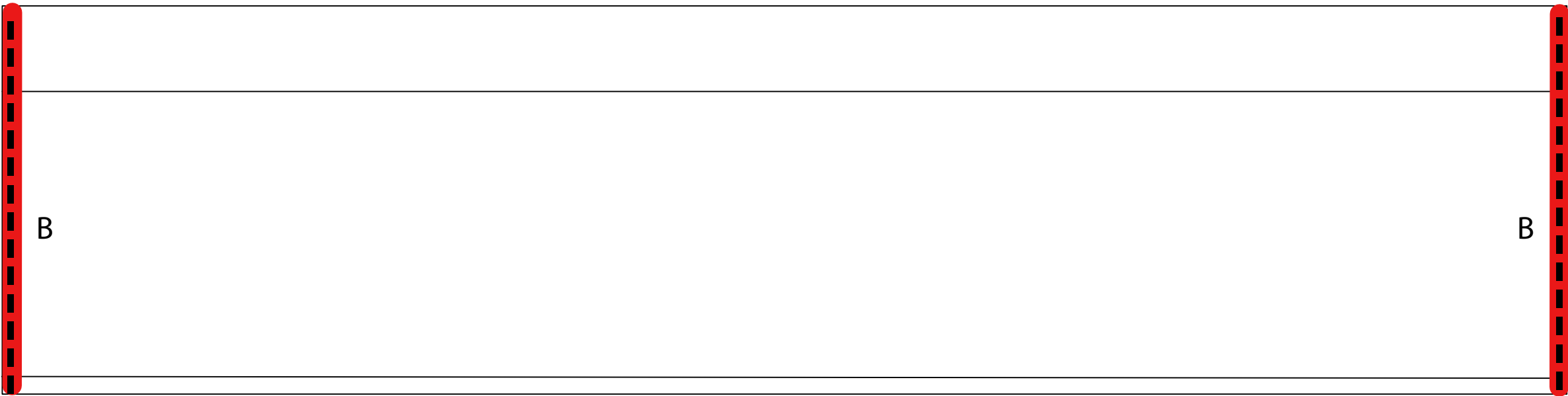
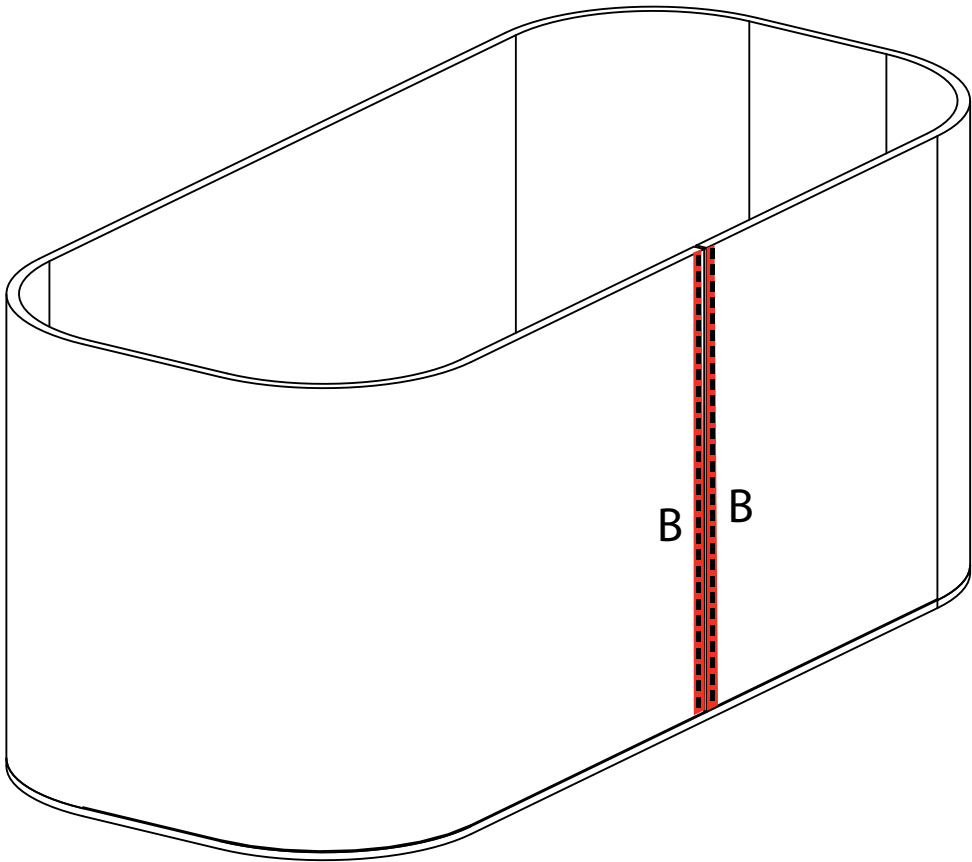
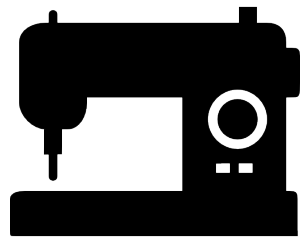
Step 6 (Fabric) – Cut the fabric according to the pattern below.



Step 7 – Sew side A to matching side A .

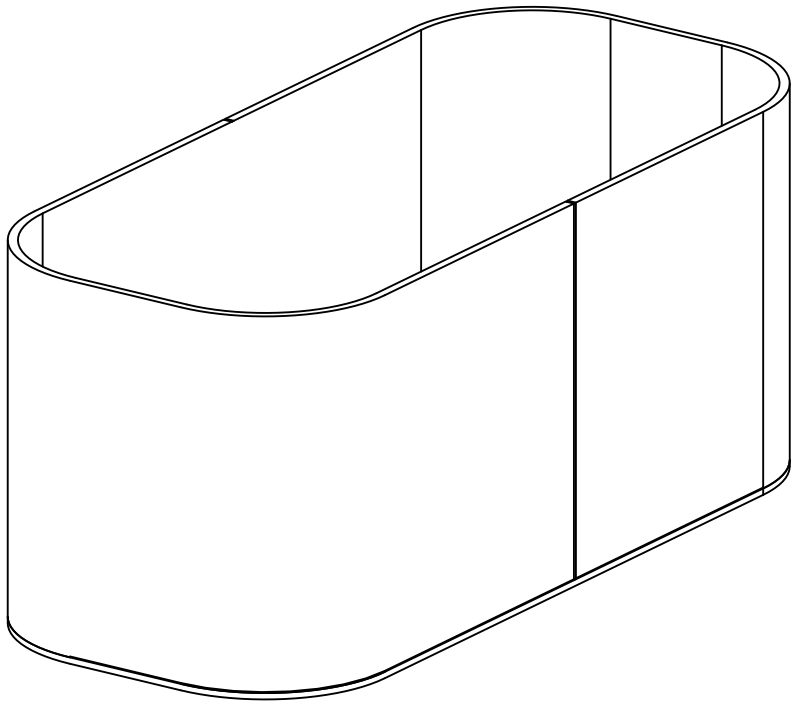


Step 8– Sew side B to matching side B.

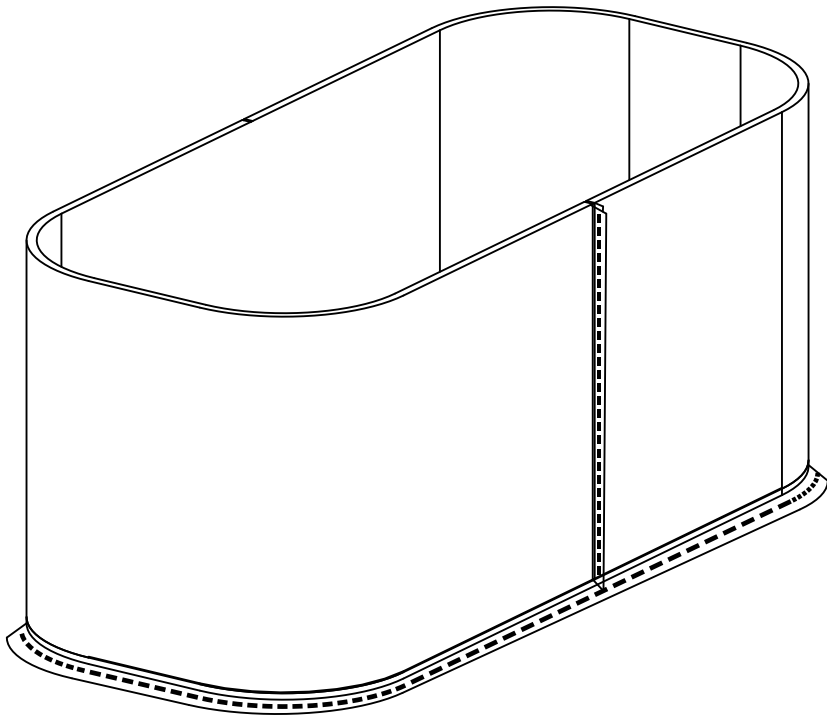


Step 9 – Turn one piece inside out.

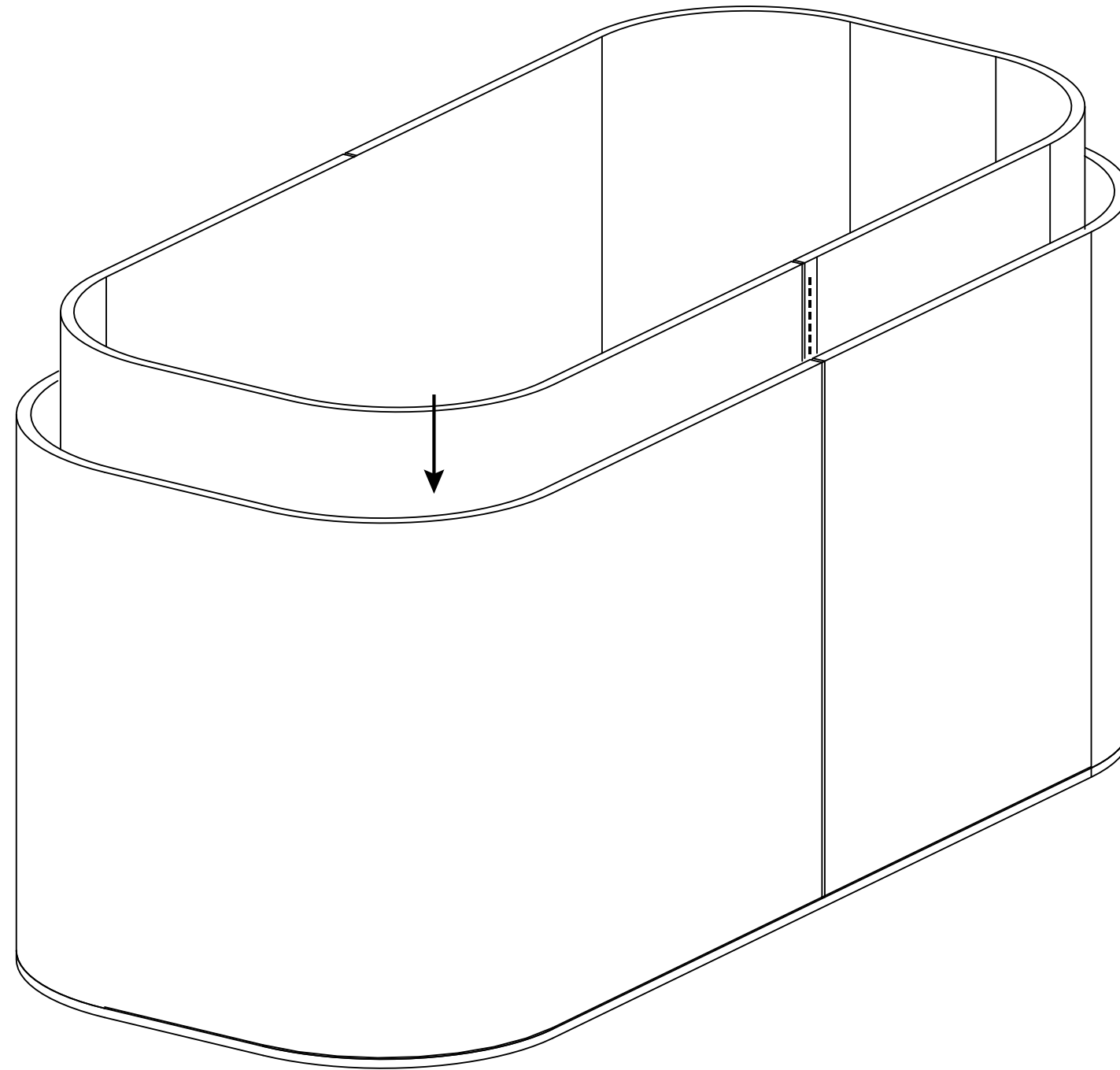
1



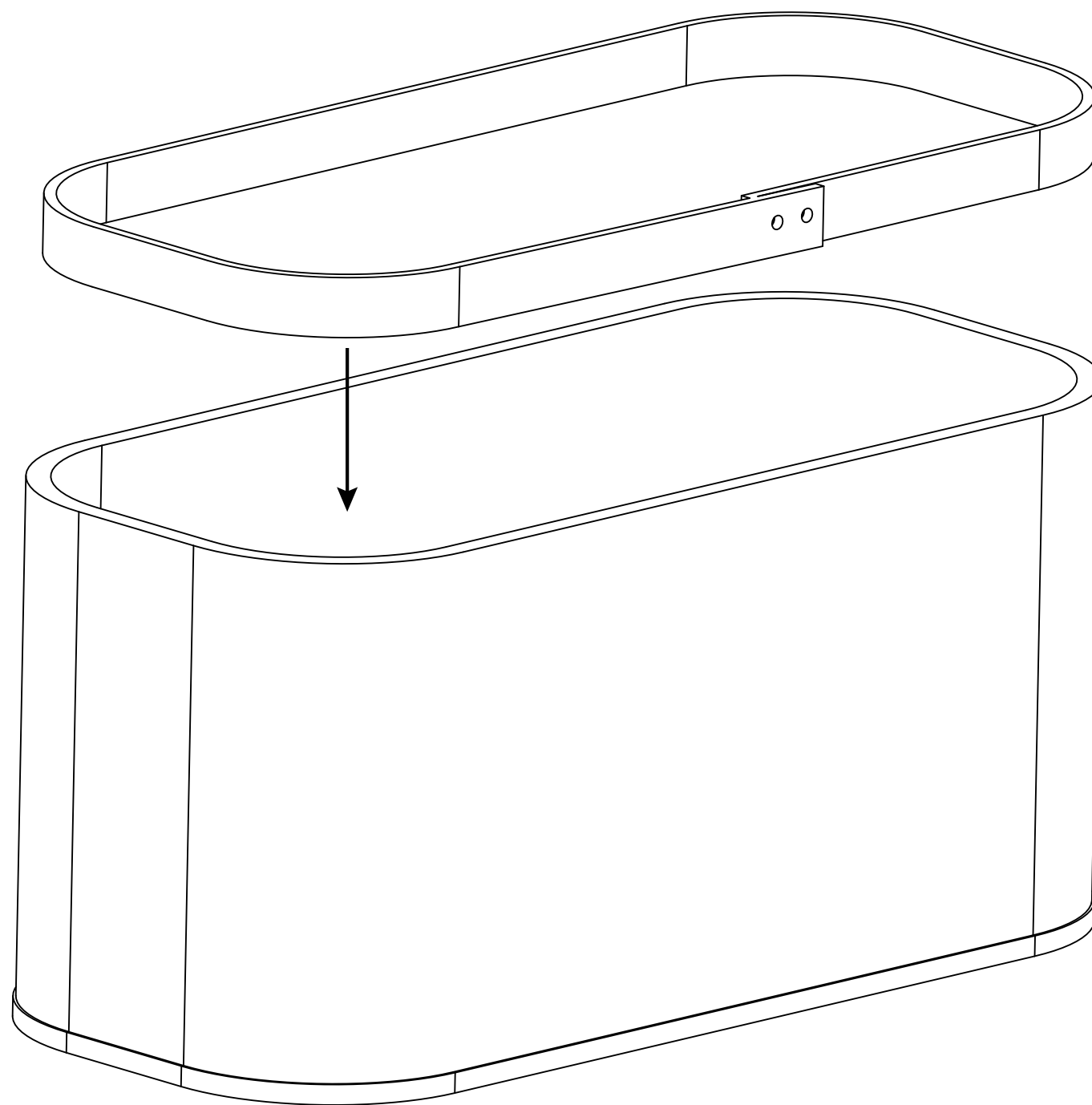
2



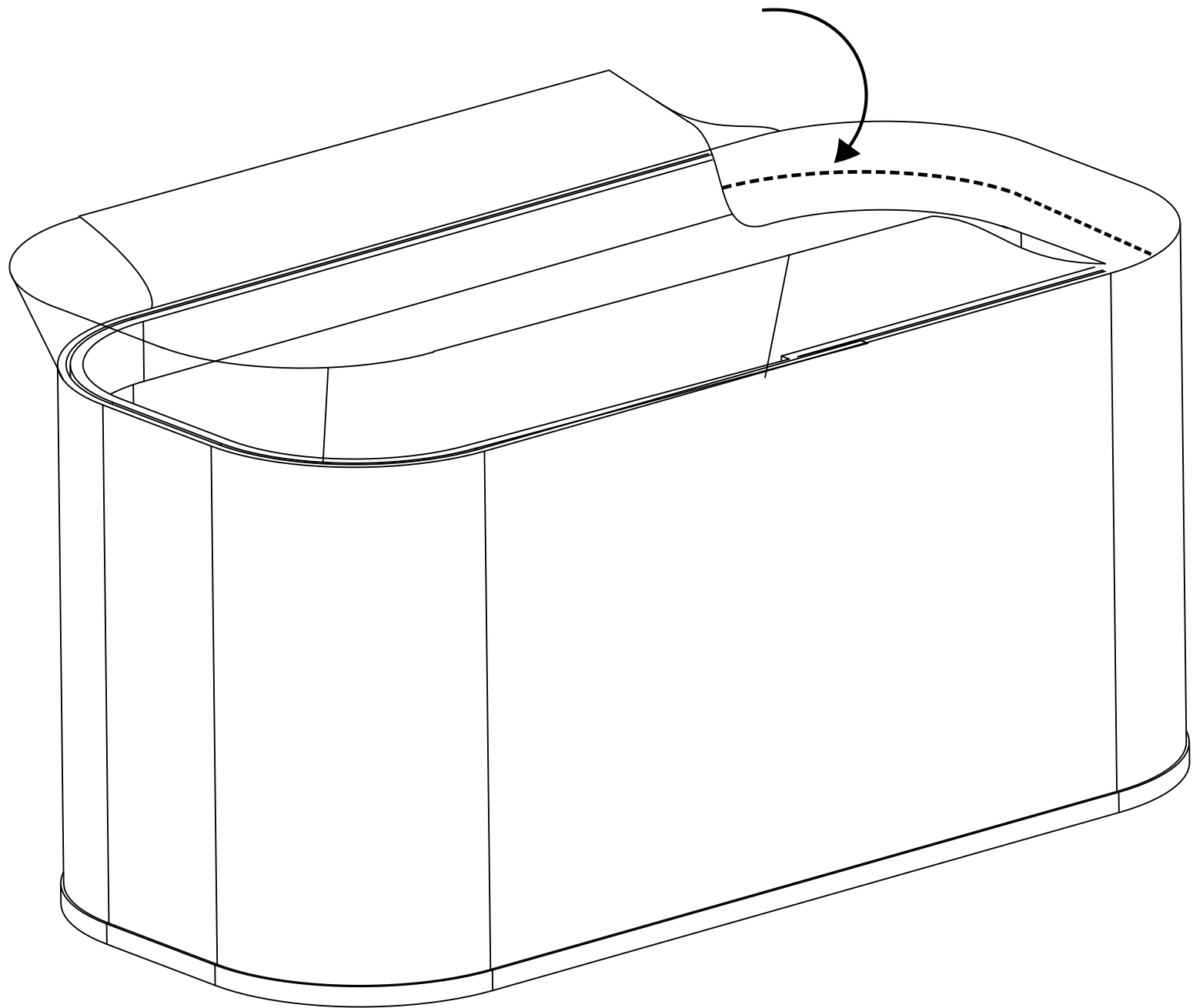
Step 10 – Insert the inside-out piece into the right-side-out piece.



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



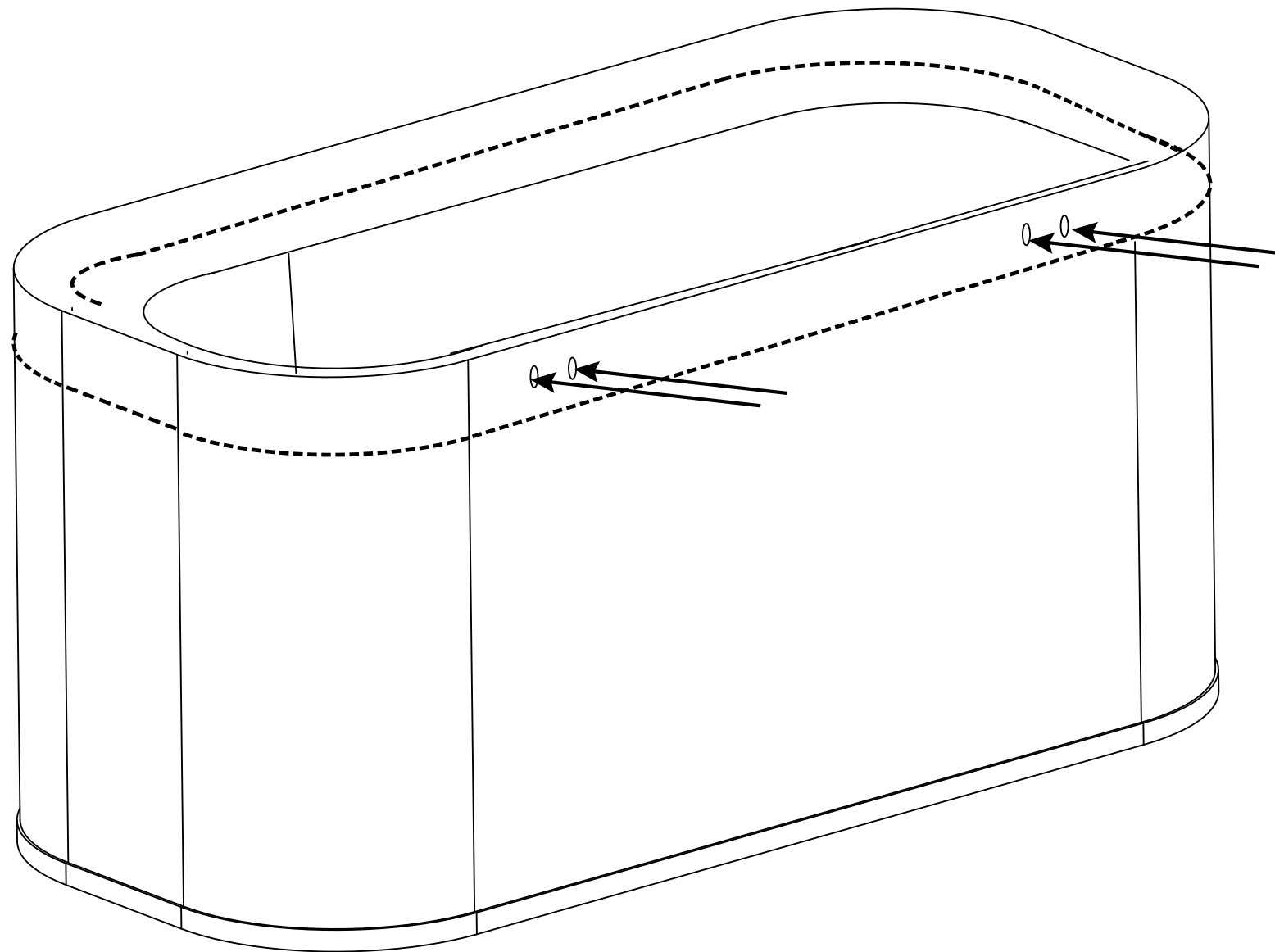
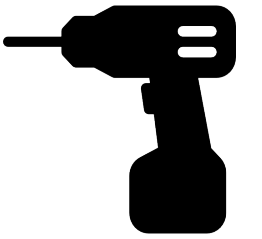
Step 12 - Double-fold the edge of the fabric to form a clean hem, then stitch it securely around the frame*



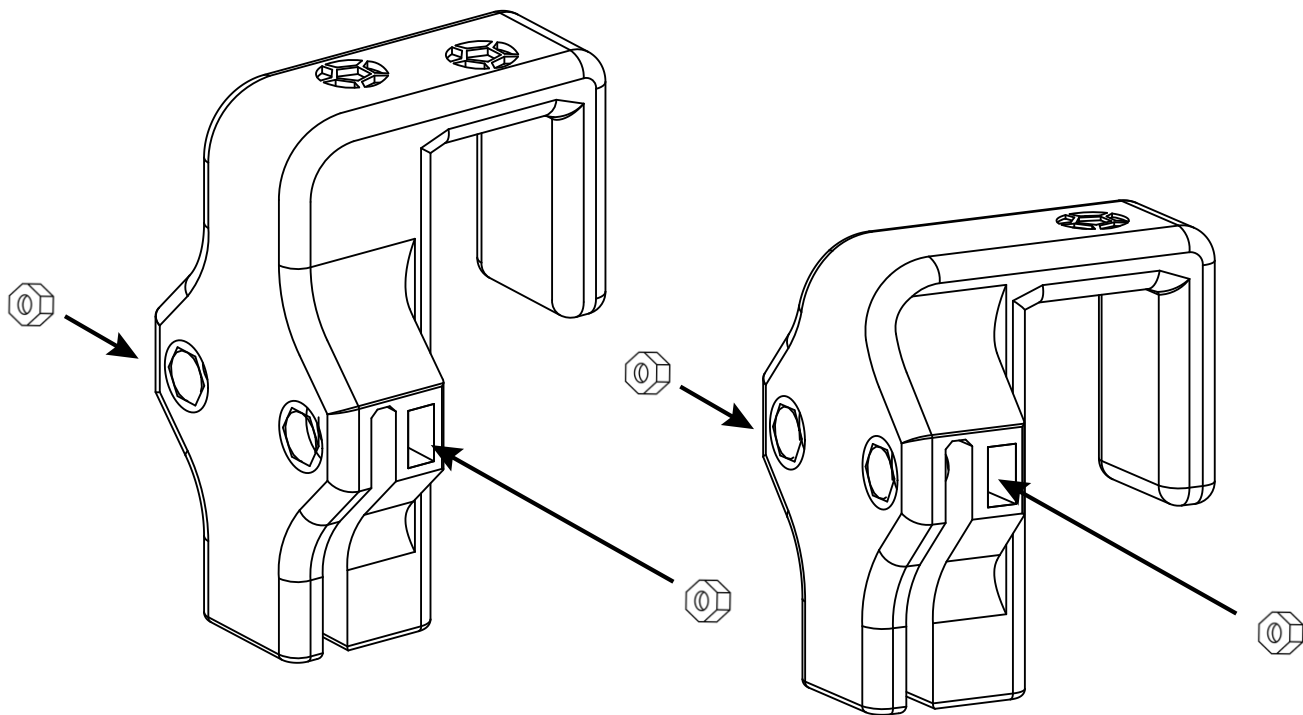
*Stitching can be done either by hand or with a specialized sewing machine



Step 13- Drill two holes size 5mm , passing through the frame and the fabric layers.



Step 14- Insert the nuts into the designated holes.



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

