



Wearable Wall Organizer

Quick Guide: 10-Step Assembly

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Summary

In this guide, you will follow 10 simple steps to create your own sewing tool organizer. Designed to be hung or worn, it is both practical and versatile. The project is intended to be completed with a sewing machine, but for the more patient, it can also be made by hand with needle and thread. All necessary downloadable resources, including patterns and templates, are provided.



Necessary tools and materials

Tools



Sewing machine



Fabric scissors



Chalk or pencil



Pins and needles



Sewing rulers



Iron (optional)



Tape measure



Vinyl cutter (optional)



Heat press (optional)

Materials



Thread *



Mesh fabric (150 x 500 mm)



Stiff fabric



Synthetic fabric tape



Flat elastic (~30 x 400 mm)



Rod (~15 mm Ø x 550 mm)*



Cotton cord ~ 2 m



Heat transfer vinyl (optional)



Tape

Note: Thread Color Selection

- Use a thread that contrasts with the selected fabric to highlight and emphasize the stitching.
- If stitching precision is uncertain, choose a tone-on-tone thread that blends with the fabric and reduces visible imperfections.

Note: Optional Extended Rod Configuration

If you would like to store the wall organizer inside the Make-a-thek in a Box, the rod should not exceed 400 mm in length.

To create a larger and more stable structure while keeping the rod compact for storage, you can add two support extensions to the ends of the rod. These supports can be 3D printed and allow the overall structure to reach a total length of 550 mm.

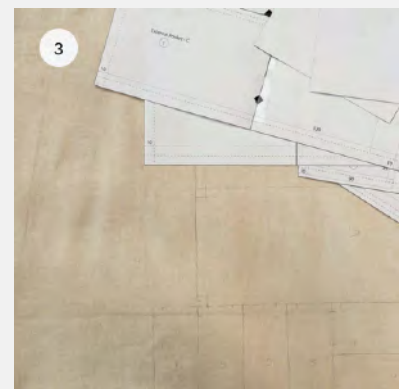
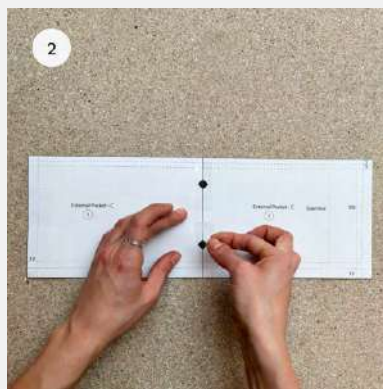
You can 3D print the supports in the colour of your choice using this [STL file](#). If you need to adapt the dimensions, you can modify the design using this [Tinkercad file](#).

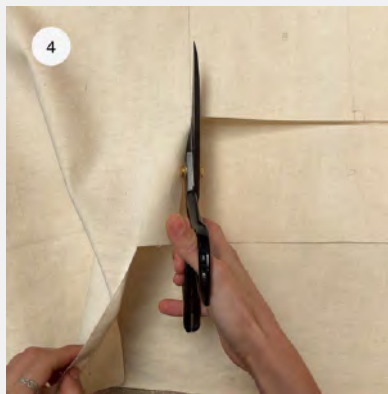
If storage inside the Make-a-thek in a Box is not required, the rod can simply be made as a single 550 mm piece without the additional supports.

Preparing the fabric and cutting the pattern pieces

Pattern Preparation and Cutting

1. Print the A4 pattern files available [here](#).
2. Assemble the pages with tape, matching the alignment marks.
3. Position the pattern pieces on the fabric, paying attention to the grainline indicated on each piece, then mark the edges using chalk or pencil.
4. Cut the pieces along the marked edges using fabric scissors.
5. Cut the elastic to 450 mm.
6. Cut the fabric tape to 450 mm.





Pattern Overview

Pattern Piece Information

- The outer outline indicates the cutting line
- The inner dashed outline indicates the usable area
- The required number of pieces for each component is indicated on the pattern
- All measurements are in mm

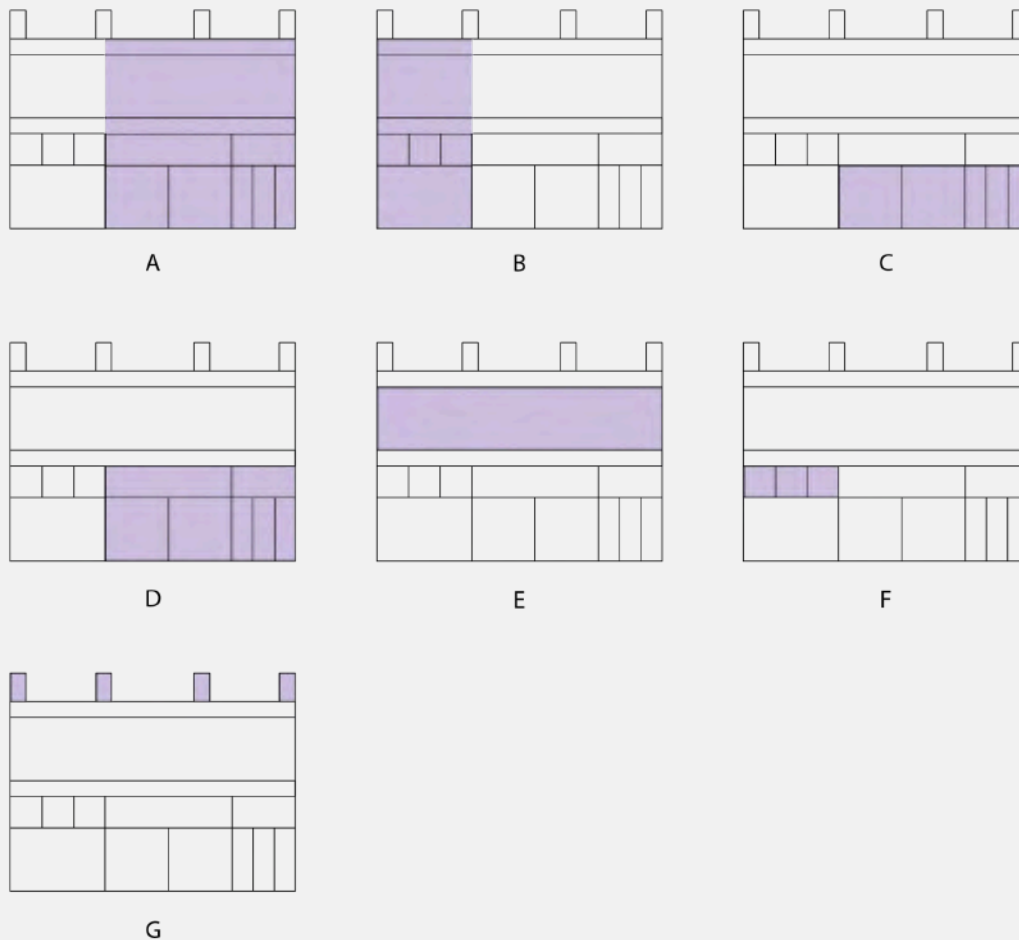
Note: Detailed specifications for each component are listed below.

All pattern available for download [here](#).

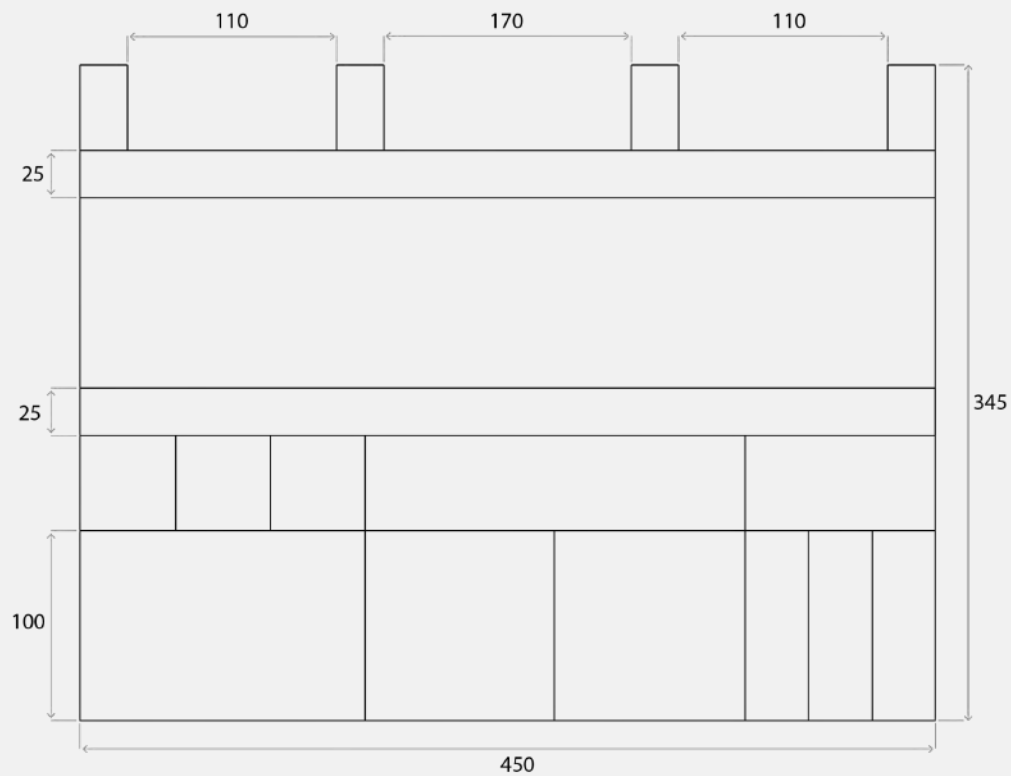
Letter	Pieces	Type / Function	Short Description
A	2	Base Panel	Section of the front base
B	2	Base Panel	Section of the front base
C	1	External Pocket	Main front pocket
D	1	External Pocket	Secondary front pocket
E	1	Mesh Pocket	Front mesh pocket with elastic top
F	1	Tool Loop / Holder	Loops for hanging small tools or accessories.
G	4	Hanging Loop	Upper loops for hanging or attachment

This table shows all components of the wall organizer, each labeled with a letter, indicating the number of pieces and their function.

The following figures show the position of all components within the organizer.

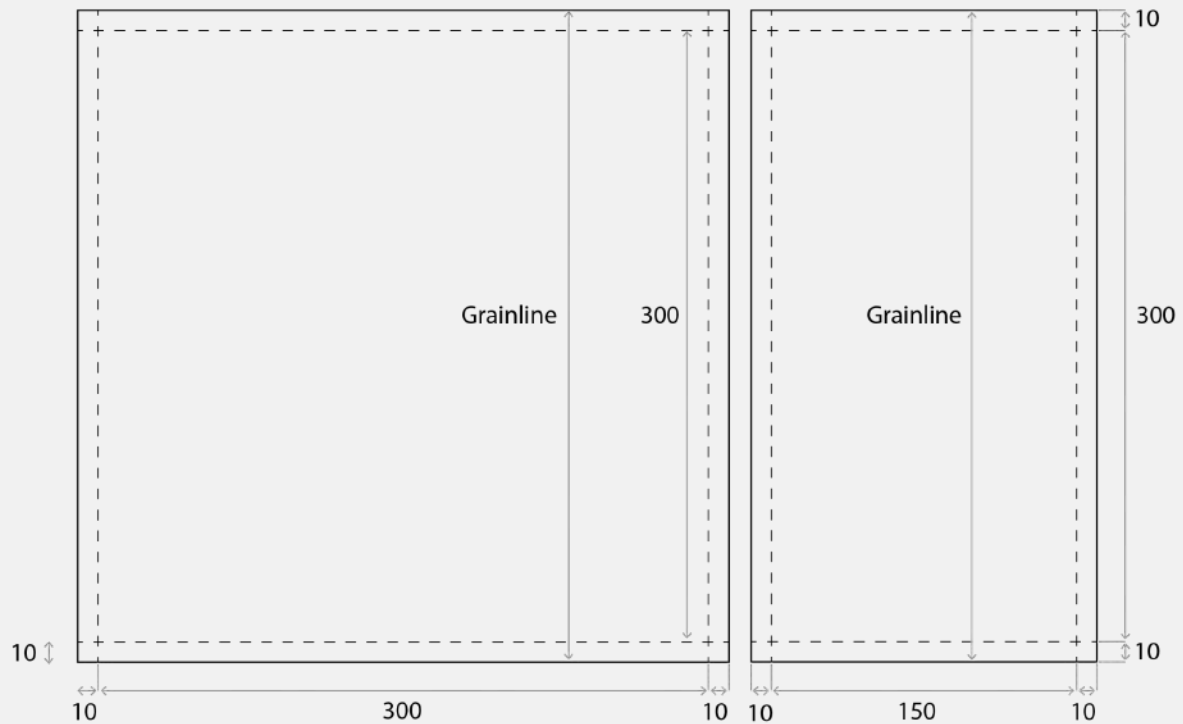


The following diagram shows the overall measurements and the spacing between the components

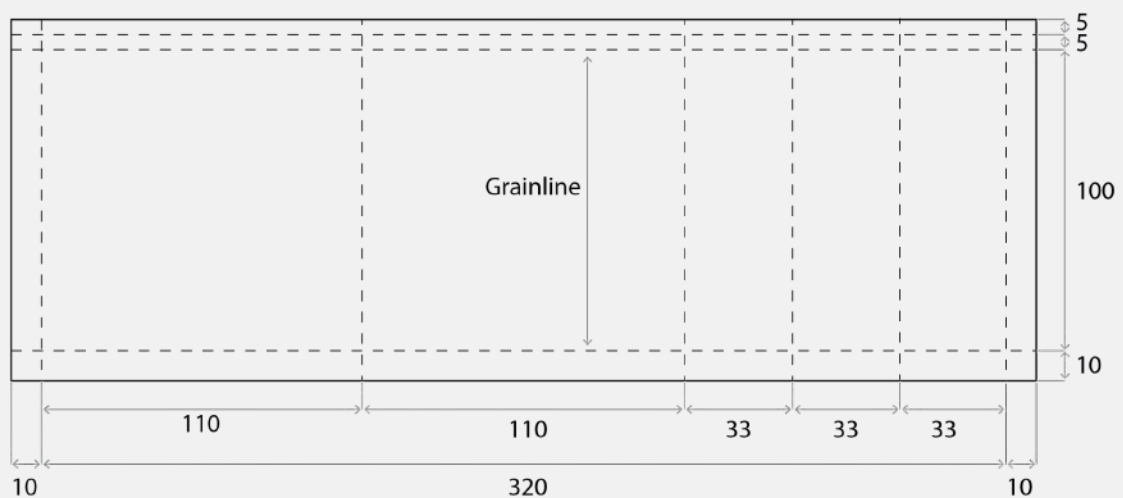


Base Panels A and B

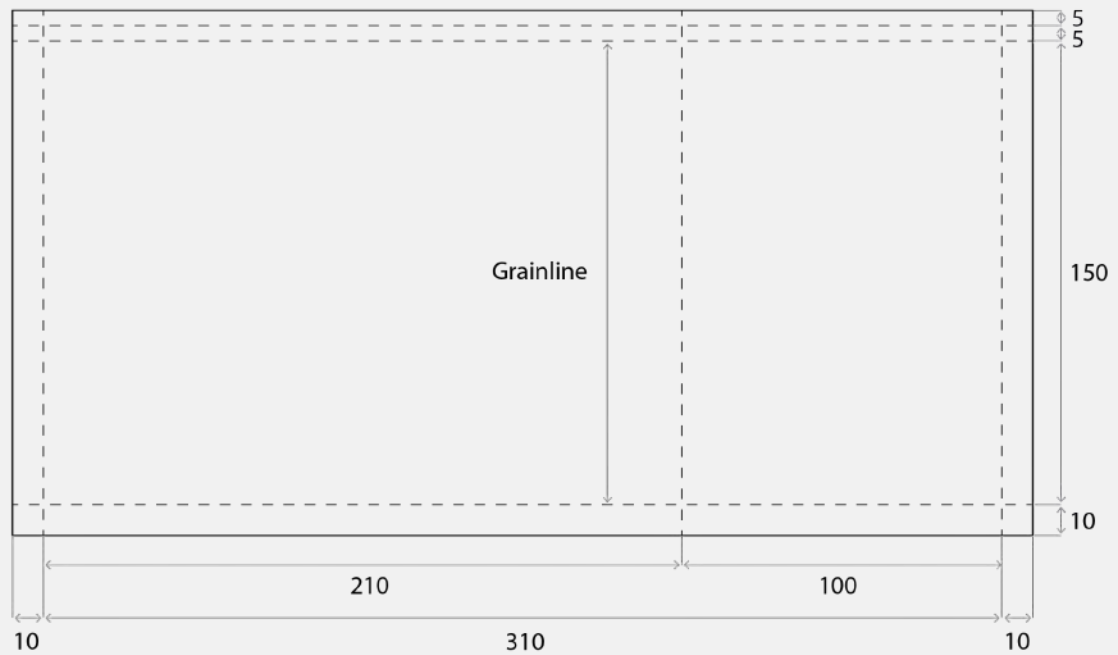
The base forms the main structure of the organizer. Two identical panels are required to create the front and back layers.



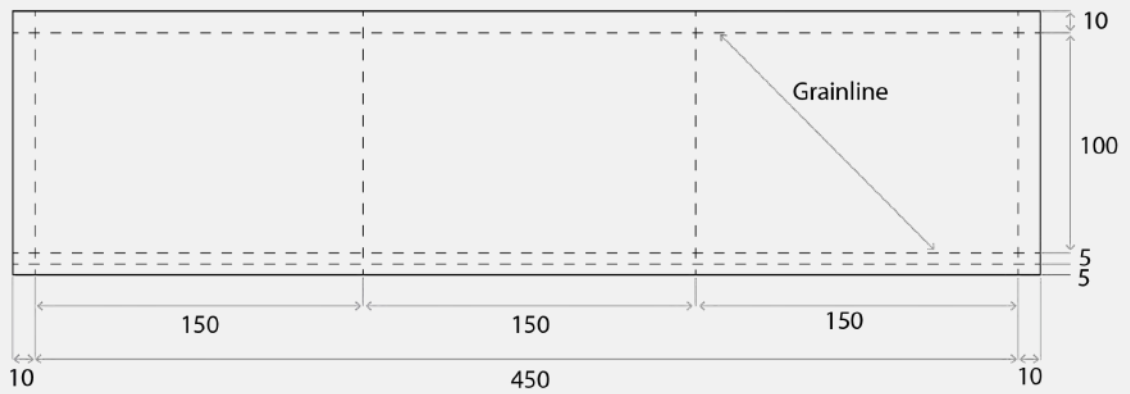
External Pocket C



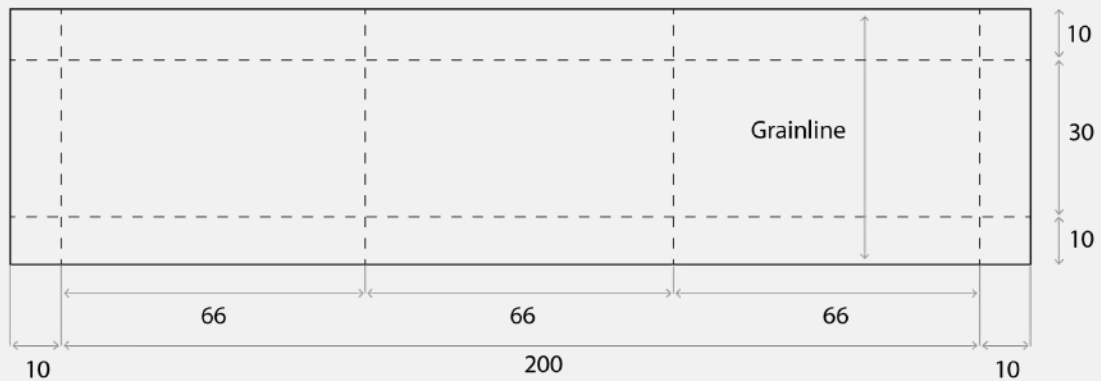
External Pocket D



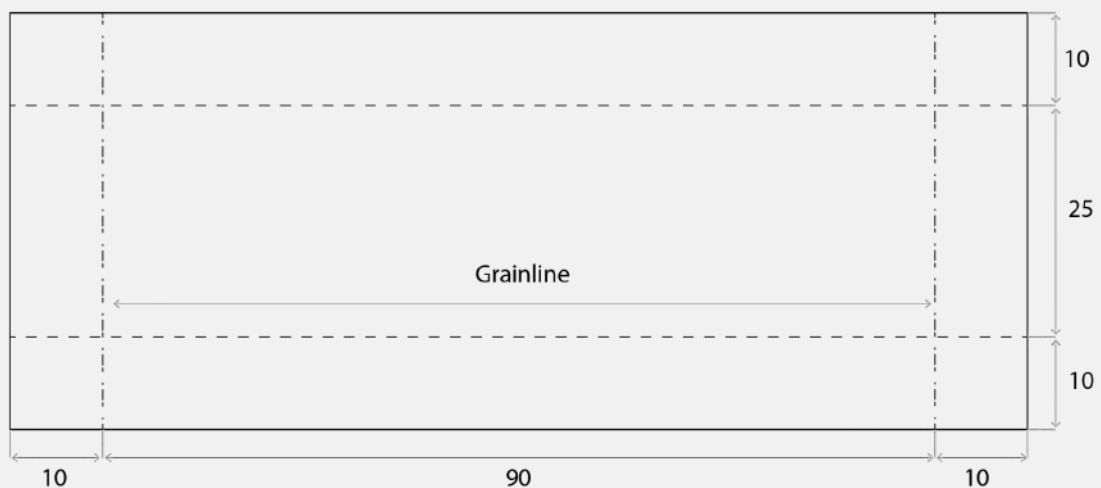
Mesh Pocket E



Tool loop F



Hanging loop G



Stitch Assembly

Sewing guidelines (applicable to all stages)

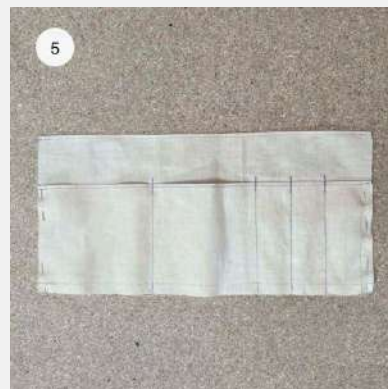
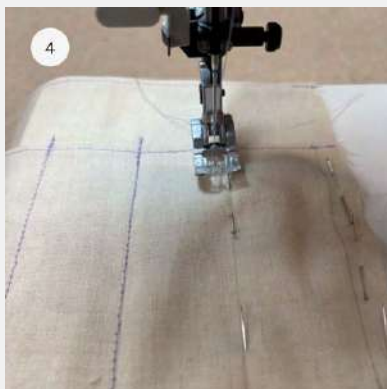
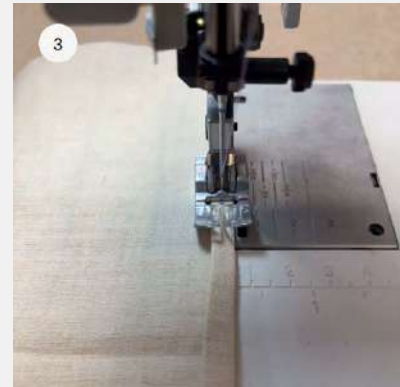
- Use a straight stitch.
- Recommended stitch length: 2-2.5 mm (adjust according to the fabric).
- Thread tension: medium (generally 3-5).
- Insert the pins with the pin head facing you so that you can remove them while sewing.
- At the beginning and end of each seam, backstitch to secure:
 1. Sew forward ~10 mm.
 2. Sew backward ~10 cm.
 3. Continue sewing forward.

Always test your stitches on a scrap piece of fabric before starting your actual project.

1. Finishing and Assembling Outer Pockets C and D

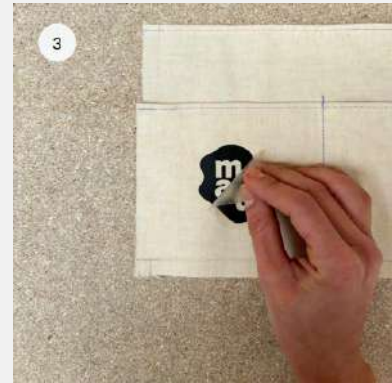
1. Fold the top edge of Pocket C inward by about 5 mm and fold again to form a double-fold hem.
2. Pressing in place with an iron and repeat the same steps for Pocket D.
3. Stitch along the center of the folded edge.
4. Position Pocket C over Pocket D, aligning the bottom and side edges, and secure with pins. Pocket C (the top pocket) should extend slightly beyond Pocket D to allow for fabric ease when forming the sub-pocket compartments. Mark the locations for the vertical stitching lines that will define the sub-pocket divisions. Adjust the fabric as needed to maintain a smooth, slightly relaxed fit. Sew the vertical lines to complete the sub-pocket compartments within Pocket C.
5. The final result should look like this (see image)

Note: Leave a slight fabric allowance in the center of each pocket to provide usable volume for inserting items.



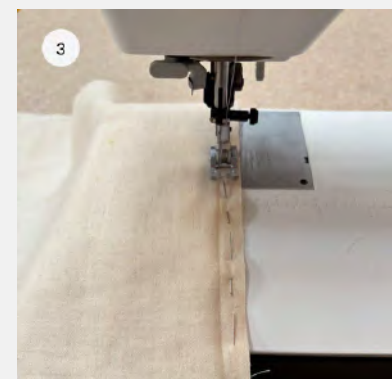
2. Creating the Heat-Transfer Label

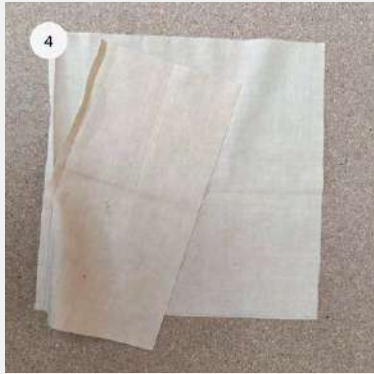
1. Download the Make-a-Thek logo file and use a vinyl cutter to cut the heat-transfer material
2. Position the label in the left-hand pocket of Pocket. Use a heat press to adhere the label
3. Remove the top protective plastic layer



3. Preparing the Base (Panels A and B)

1. Press Panels A and B along the edges to be joined, following the marked line. Using a pencil or tailor's chalk, mark 125 mm—this indicates the sewing endpoint.
2. Position the panels with right sides together.
3. Stitch 10 mm from the edge along the designated side, stopping at the 125 mm mark as illustrated.
4. The final result should look like this (see image)





4. Assembly of Pockets C and D on the Base

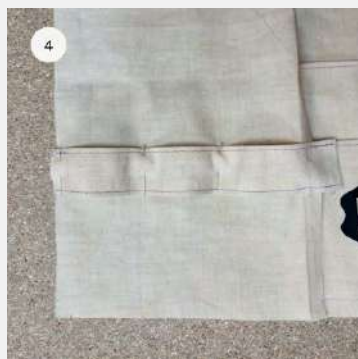
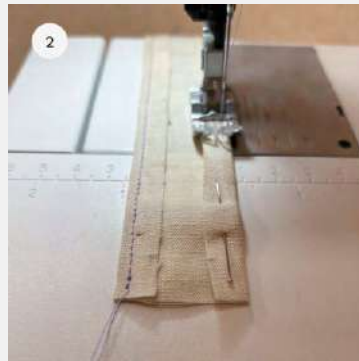
1. Position the assembled Pockets C and D on the front of the assembled Base (Panel A), and secure with pins. Stitch a single vertical line along the indicated path on Pocket D to attach it to both Pocket C and the Base. This seam creates the individual pocket divisions of Pocket D.

Note: As with previous steps, Pocket D should have slight fabric allowances. The important point is that the edges align precisely as shown in the figure.



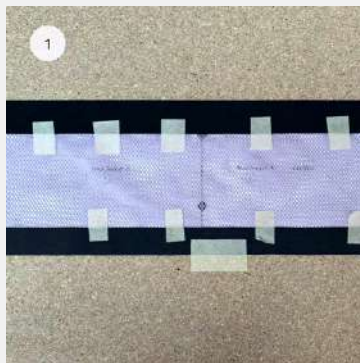
5. Tool Loop F Assembly

1. Fold along the marked lines on Tool Loop F and press the folds in place with an iron.
2. Secure with pins and stitch approximately 5 mm from the edge.
3. Measure 110 mm up from the lower edge of Panel B (already attached to Panel A) and mark this line—this will indicate the upper edge position of the loop band.
4. Position Tool Loop F onto Panel B and secure with pins. Mark vertical divisions at 50 mm intervals to define each sub-loop, allowing slight ease for each loop as shown in the image. Depending on the loop size, a small excess of fabric may remain and can be trimmed later.
5. Stitch vertical lines to form the individual loops. Leave the pins in place at the two outer ends; these edges will be secured together with the reverse side of the second base panel in the next step.



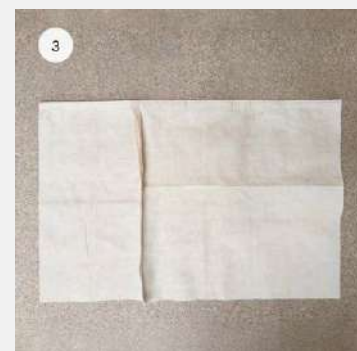
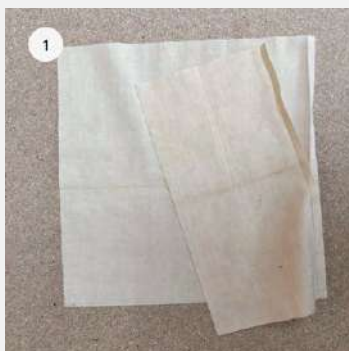
6. Mesh Pocket Preparation and Stitching

1. Place the pre-cut mesh pocket, elastic band, and fabric tape on top of the pattern piece. The elastic and fabric tape should overlap approximately 10 mm along the lower and upper edges of the mesh pocket. Once positioned correctly, secure them temporarily with masking tape.
2. Turn the pocket to the reverse side. Fold the fabric tape lengthwise to enclose the upper edge of the mesh pocket and secure with pins. Repeat the same procedure for the lower elastic band. Stitch both the elastic band and the fabric tape to the mesh pocket. For the elastic band, a tone-on-tone thread is recommended, as elastic can be more challenging to sew.
3. Stitch the completed mesh pocket to the assembled base (Panels A + B). Begin stitching along one side edge, then continue along the bottom edge (the edge finished with the fabric tape). The mesh pocket should be stitched to the base along two sides and the lower edge.
4. Following the indicated measurements, mark the positions for the individual pocket divisions and place pins to define the vertical stitching lines.
5. Sew the two vertical seams to create the individual mesh pockets.



7. Constructing the Second Base and Top Edge Finishing

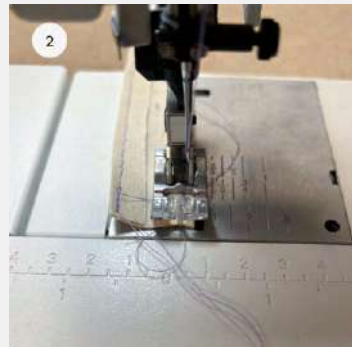
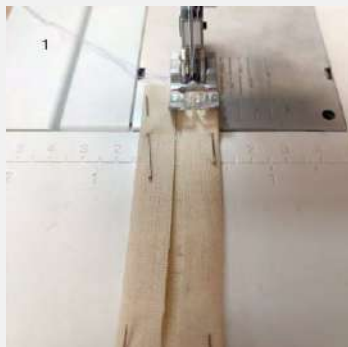
1. Assemble Panels A and B to form the rear base, mirroring the assembly performed in Step 3.
2. Finish the top edge of the assembled base with a seam approximately 5 mm from the edge.
3. Ensure the assembled base matches the shape shown in the image.
4. Apply the same 5 mm top edge finishing to the base assembled in Step 3.





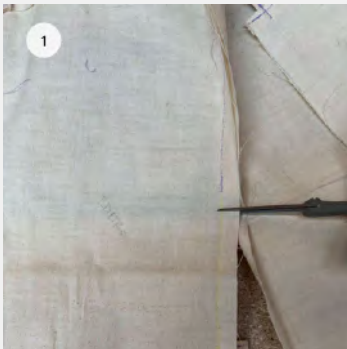
8. Preparing the Hanging Loops G

1. Fold the long edges of each piece, as indicated on the pattern, to form a hem. Press in place with an iron and secure with pins.
2. Stitch 5 mm from the folded edge.
3. Pin the hanging loops to the rear base (Panel A + B), inserting them approximately 10 mm, and space them according to the specified measurements.
4. Stitch the hanging loops securely to the rear base (Panel A + B).



9. Assembling the Two Bases (Front and Rear)

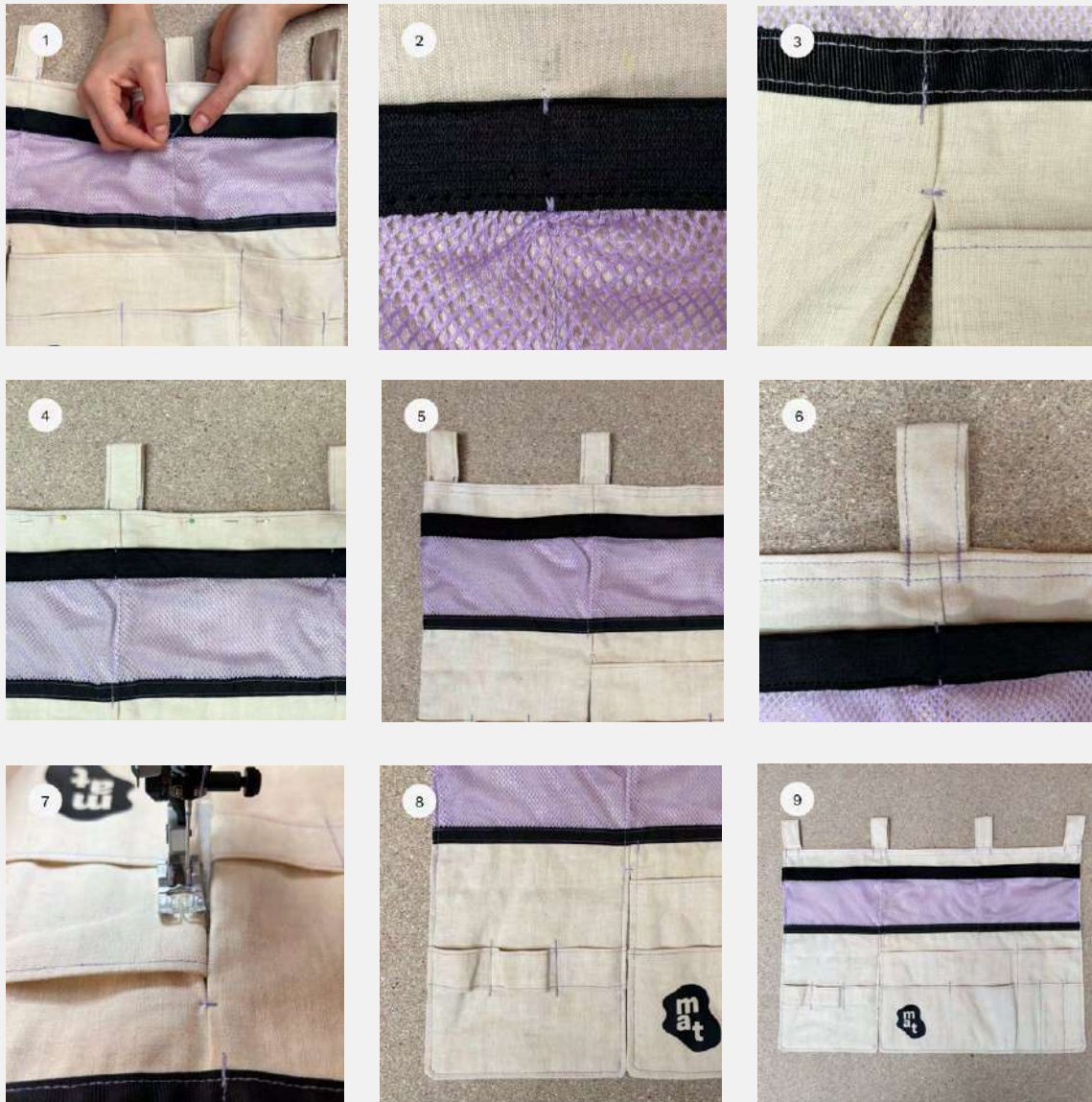
1. Take the two assembled base panels and make a small 10 mm cut below the seam on both fabric edges.
2. Place the panels right sides together and pin all matching edges, leaving the top edge open.
3. Stitch all pinned edges 10 mm from the edge.
4. Turn the assembly right side out to obtain the finished assembly.



10. Closing and Final Finishing

1. Using the still-open top edge, hand-stitch to close and finish the seam.
2. Reinforce each seam of the mesh pocket with additional stitching, as shown in the image.
3. Add reinforcement stitching at the opening between assembled Panels A and B, as shown in the image.
4. Pin the two top edges together to align them precisely.
5. Stitch along the top edge, 10 mm from the edge.
6. Reinforce the stitching of the Hanging Loops G.
7. Topstitch 5 mm from all edges, except the top, to reinforce and flatten the two layers.
8. The completed assembly should resemble the result shown in the image.

9. Finished!



Final Assembly and Hanging System

Once the organizer is fully assembled, insert the chosen support element through the Hanging Loops G. There are two ways to use it:

- **Wearable option:** thread a cord through the loops and tie a knot at the side for a comfortable, on-the-go solution.
- **Rigid mounting:** insert a wooden dowel through the loops, tie cords at both ends, and hang it on a hook or nail for a stable wall-mounted setup.

Your organizer is now ready for use!

