



DIY ROUND PATCHWORK RUG

♥ Step-by-Step Sewing Tutorial ♥



FINISHED SIZE

Diameter: 100 cm
(You can resize by adjusting the wedge size)

MATERIALS

- Assorted denim or cotton fabric (14 colors or more)
- 1 m of fabric for the back
- 2 m of fusible interfacing (optional)
- 4 m of decorative fringe (10 cm wide)
- Matching thread
- Fabric glue (optional)
- Rotary cutter, ruler, and mat
- Sewing machine
- Pins or clips

FABRIC (US)

Choose medium weight woven fabrics like:

- Denim
- Cotton Canvas
- Duck Cloth
- Quilting Cotton



MAIN SEWING METHODS USED



- Seam Allowance 1 cm
- Straight Stitch
- Pressing
- Topstitching



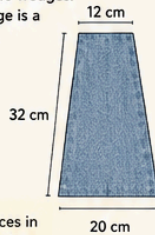
- Pinning/Clipping



- Appliqué (optional)

1 CUT THE WEDGES

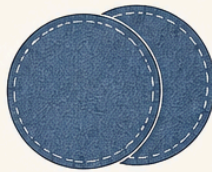
You need 16 wedges.
Each wedge is a trapezoid.



Cut 16 pieces in different colors.

2 MAKE THE CENTER CIRCLE

Cut 2 circles with radius 32 cm (diameter 64 cm) for the center.



3 ARRANGE & SEW THE WEDGES

Arrange the 16 wedges in a circle.



Sew each wedge to the next one. Press the seams open or to one side.

4 ATTACH THE CENTER

Pin the wedge circle to one of the center circles.

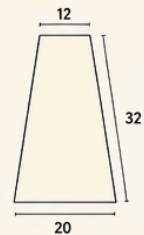


Sew all around with 1 cm seam allowance.

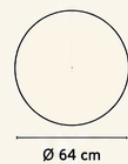
CUTTING DIAGRAM

(All measurements in cm)

WEDGE (Cut 16)



CENTER & BACK (Cut 2 each)



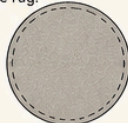
FRINGE (Optional)

10 cm wide x 400 cm long



5 ATTACH THE BACK

Place the back circle (right side down) on top of the rug.



Pin all around and sew leaving a 15 cm opening for turning.

6 TURN & TOPSTITCH

Turn right side out through the opening. Press flat.



Topstitch 0.5 cm from the edge all around. Close the opening.

7 ADD THE FRINGE

Attach the fringe around the edge.



Sew the fringe in place using a straight stitch.

TIPS

- Use a walking foot for even feeding of layers.
- Press seams well for a flat finish.
- Mix denim shades for a beautiful effect.
- You can add fusible interfacing on each wedge for extra stability.
- Adjust the rug size by increasing or decreasing the wedge dimensions.



CARE INSTRUCTIONS



- Machine wash cold, gentle cycle



- Use mild detergent



- Do not bleach



- Tumble dry low or line dry



- Iron on medium heat if needed

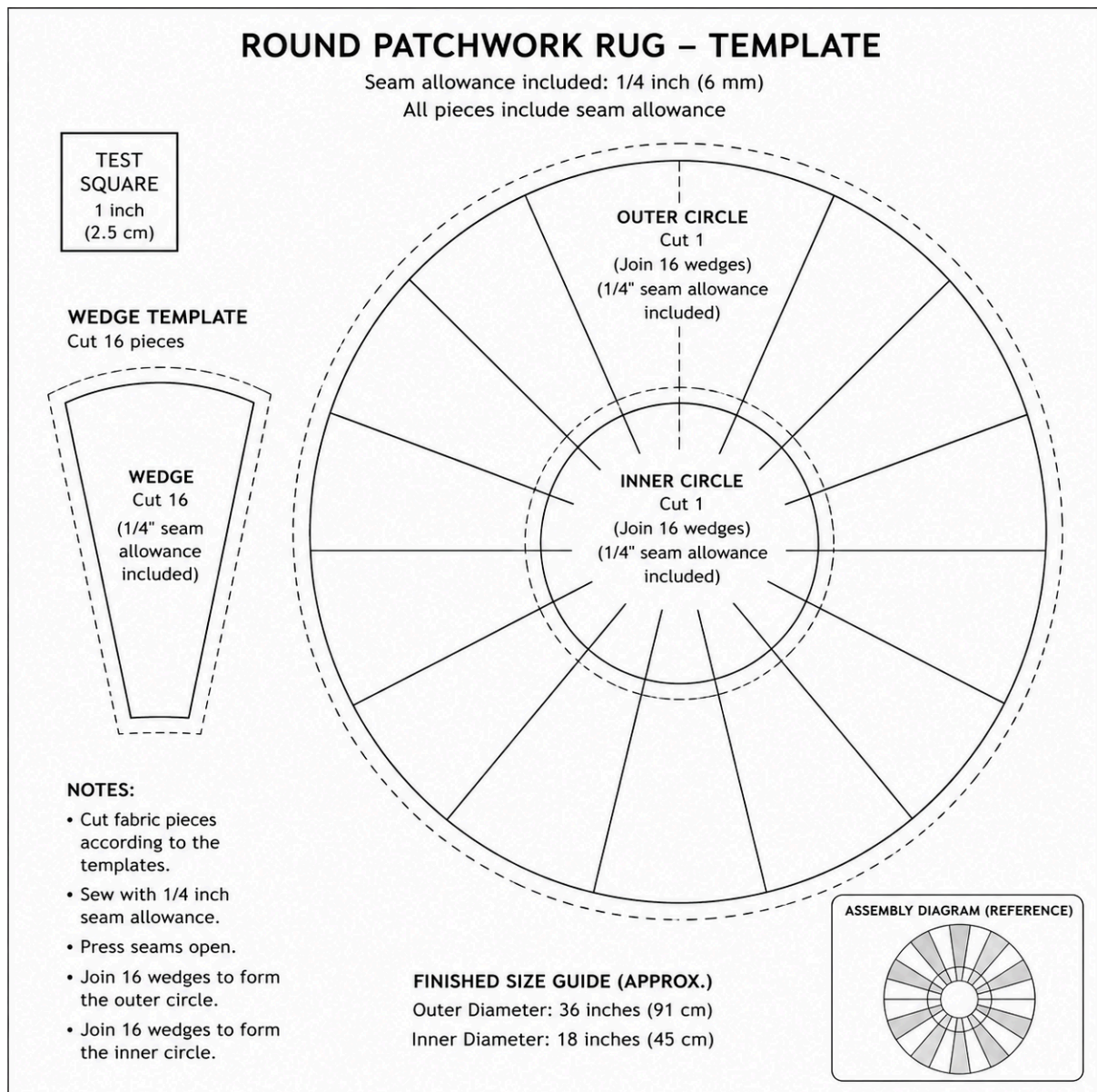
YOU DID IT!

Enjoy your beautiful handmade round patchwork rug!



Sew with love ♥





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DIY Round Patchwork Rug: Step-by-Step Sewing Tutorial

Create a colorful **round patchwork rug** from denim, cotton canvas, duck cloth, or quilting cotton. This project combines a pieced outer ring, a fabric center, a full backing layer, and decorative fringe. The finished rug measures approximately **39½ inches in diameter**, making it suitable for a bedroom, sewing room, nursery, reading corner, or entryway.

The design uses **16 trapezoid-shaped wedges** arranged in a circle. Mixing denim washes with muted yellow, pink, green, purple, and blue fabrics creates the charming handmade appearance shown in the tutorial graphic.

This project is easiest to complete with a sewing machine and a walking foot. Confident beginners can make it successfully, although careful cutting and accurate seam allowances are important for creating a flat, even circle.

Finished Size and Important Measurements

The finished rug is approximately:

- **Diameter:** 100 cm, or about **39½ inches**
- **Inner center diameter:** 64 cm, or about **25¼ inches**
- **Center circle radius:** 32 cm, or about **12⅝ inches**
- **Fringe width:** 10 cm, or about **4 inches**
- **Seam allowance:** 1 cm, or approximately **⅜ inch**
- **Topstitching distance:** 0.5 cm, or approximately **¼ inch**

Each wedge is a trapezoid measuring approximately:

- **Inner edge:** 12 cm, or about **4¾ inches**
- **Outer edge:** 20 cm, or about **7⅞ inches**
- **Length:** 32 cm, or about **12⅝ inches**

You will need **16 wedges** to form the complete patchwork ring.

The rug size can be adjusted by changing the length and width of the wedges. Remember that changing the wedge dimensions may also require changing the center-circle and backing measurements.

Materials and Supplies

Gather the following materials before beginning:

- Assorted medium-weight denim or cotton fabrics in at least 14 colors or shades
- Approximately 1 meter or 1⅛ yards of fabric for the backing
- Approximately 2 meters or 2¼ yards of fusible interfacing, optional
- Approximately 4 meters or 4⅜ yards of decorative fringe
- Matching or coordinating sewing thread
- Fabric glue, optional
- Sewing machine
- Walking foot, recommended
- Universal or denim sewing-machine needle
- Rotary cutter
- Self-healing cutting mat
- Acrylic ruler
- Fabric scissors

- Paper or pattern-making material
- Fabric marking pen or tailor's chalk
- Straight pins or sewing clips
- Iron and ironing board
- Hand-sewing needle for closing the turning opening
- Safety pin or loop turner, optional

Choose medium-weight woven fabrics such as:

- Denim
- Cotton canvas
- Duck cloth
- Quilting cotton

When combining fabrics of different weights, apply fusible interfacing to the lighter pieces. This helps every wedge behave similarly during sewing and prevents thin fabrics from stretching.

Choosing and Preparing the Fabric

Select fabrics that coordinate without looking identical. The original design combines several denim washes with muted solid colors. A balanced assortment might include dark blue, medium blue, light blue, dusty pink, mustard yellow, sage green, plum, gray, and burgundy.

Wash and dry all washable fabrics before cutting. Prewashing is especially important when using denim because it may shrink or release dye.

Press every fabric piece until it is smooth. Wrinkles can distort the wedge measurements and prevent the finished ring from lying flat.

Examine the grain of each fabric. Whenever possible, position the long sides of the wedge so they follow the stable grain of the fabric. This reduces stretching around the circular design.

For a softer rug, use the fabrics without interfacing. For a sturdier rug with more body, fuse interfacing to the wrong side of every wedge and to the center section.

Creating the Wedge Template

Use sturdy paper, cardboard, or template plastic to make a reusable wedge pattern.

Draw a horizontal line measuring **12 cm or 4¾ inches**. This will be the narrow inner edge of the wedge.

Measure downward **32 cm or 12½ inches** from the center of that line. Draw a second horizontal line measuring **20 cm or 7⅞ inches**, centering it beneath the first line.

Connect the left ends of the two horizontal lines. Then connect the right ends. The completed shape should resemble a long trapezoid.

Add the required seam allowance if it is not already included in your measurements. The tutorial uses a **1 cm or approximately 3⁄8-inch seam allowance**.

Label the template with the following information:

- Wedge
- Cut 16
- 1 cm seam allowance
- Grainline

Mark the narrow edge as “center” and the wider edge as “outer edge.” This prevents accidental reversal during assembly.

Step 1: Cut the Sixteen Wedges

Place the wedge template on the wrong side of the first fabric. Align the grainline marking with the fabric grain.

Trace around the template with tailor’s chalk or a removable fabric pen. Cut carefully along the traced lines using a rotary cutter and ruler.

Repeat until you have **16 wedge pieces**.

Use different colors or denim washes to create a varied patchwork effect. You may repeat a few fabrics, but avoid placing identical pieces directly beside one another.

Before sewing, arrange the wedges on a large table or clean floor. Place the narrow ends toward the center and the wider ends toward the outside.

Move the pieces until the colors appear evenly distributed. Take a photograph of the arrangement so you can recreate the same order at the sewing machine.

Step 2: Prepare the Center Circle

The center section has a finished diameter of approximately **64 cm or 25¼ inches**.

To create the circle pattern, use a large compass, a string-and-pencil method, or folded paper.

For the string method, cut a piece of string slightly longer than **32 cm or 12⁵⁄8 inches**. Tie one end to a pencil and secure the other end at the center of the pattern paper.

Hold the secured end in place and move the pencil around it to draw a circle with a **32 cm radius**.

Add a **1 cm or 3⁄8-inch seam allowance** around the circle when necessary.

Cut the center circle from denim or another medium-weight fabric. Fuse interfacing to its wrong side when additional stability is desired.

The graphic refers to cutting two center circles. A second circle may be used as an inner lining beneath the patchwork center, but one visible center circle is sufficient for the basic construction.

Step 3: Arrange and Sew the Wedges

Return the 16 wedges to the planned color order.

Take the first two wedges and place them right sides together. Align one long side, matching both the narrow and wide ends.

Pin or clip the aligned edge. Sew it with a **1 cm or approximately $\frac{3}{8}$ -inch seam allowance**.

Add the next wedge by placing it right sides together with the free edge of the second wedge. Pin and sew in the same manner.

Continue joining wedges one at a time. Work slowly so the narrow points remain aligned.

You may find it easier to make four groups of four wedges before joining the groups together. This allows you to check the shape and make small corrections before completing the circle.

After every few seams, press the seam allowances open. Pressing them open distributes the bulk evenly, especially when working with denim.

When all 16 wedges have been connected, place the first and last wedges right sides together. Sew the final long seam to close the ring.

Lay the completed ring on a flat surface. It should form an even circle without large waves or puckers.

A slight amount of fullness may be corrected during pressing. Significant rippling usually means one or more seams were sewn with an inconsistent allowance.

Step 4: Press and Topstitch the Wedge Ring

Press every seam allowance open from the wrong side.

Turn the ring right side up and check that the seams radiate neatly from the center.

Topstitching is optional, but it gives the patchwork a professional denim-style finish and keeps the seam allowances flat.

Sew approximately $\frac{1}{8}$ to $\frac{1}{4}$ inch from each seam on both sides. Use a longer stitch length, approximately 3 to 3.5 mm, when topstitching denim.

A contrasting golden, tan, or navy thread can emphasize the patchwork design. Matching thread creates a subtler appearance.

Avoid pulling the fabric while topstitching. Allow the machine to feed the layers naturally so the ring does not become distorted.

Step 5: Attach the Center Circle

Place the wedge ring right side up on a flat surface.

Position the center circle inside the ring with the right side facing down. The right side of the center circle should be against the right side of the wedge ring.

Divide both the inner opening and the center-circle edge into quarters. Mark the quarter points with clips or removable fabric marks.

Match the four quarter marks. Add clips between them, distributing the fabric evenly around the opening.

Because you are joining two curved edges, use many pins or clips. Check that the raw edges remain aligned all the way around.

Sew around the circle with a **1 cm or approximately 3⁄8-inch seam allowance**.

Keep the wedge ring underneath and the center circle on top when possible. Stop periodically with the needle down, lift the presser foot, and reposition the fabric.

After sewing, check the right side for puckers. Restitch any uneven sections before trimming or finishing the seam.

Press the seam allowance toward the wedge ring. Topstitch close to the circular seam to hold the allowance flat and define the center.

Step 6: Prepare the Full Backing Circle

For a finished rug measuring approximately **100 cm or 39½ inches**, the backing must cover the entire patchwork top.

Place the completed rug top on the backing fabric. Smooth both layers without stretching them.

Trace around the outer edge of the patchwork top. Add a **1 cm or approximately 3⁄8-inch seam allowance** if the patchwork top does not already include it.

Cut one full backing circle.

The small cutting diagram in the original graphic labels the backing as a 64 cm circle. However, a 64 cm circle would cover only the center section. To finish the complete 100 cm rug, use a backing circle that matches the full outer diameter of the patchwork top.

For a heavier rug, add a layer of cotton batting, felt, canvas, or non-slip rug backing. Cut it slightly smaller than the seam line to reduce bulk.

Avoid very thick polyester batting because it may make the rug unstable underfoot.

Step 7: Attach the Backing

Place the completed patchwork top right side up.

Place the backing circle over it with the right side facing down. The right sides should be touching.

Match the edges and clip around the entire circumference.

Mark a **15 cm or approximately 6-inch opening** along one edge. This opening will be used for turning the rug right side out.

Sew around the rug with a **1 cm or approximately 3/8-inch seam allowance**, beginning at one side of the opening and stopping at the opposite side.

Backstitch securely at both ends of the seam.

Check that all layers have been caught in the stitching. Correct any skipped areas before turning.

Trim bulky seam allowances when necessary, but do not cut too close to the stitching. Clip small notches into the seam allowance around the curve, being careful not to cut through the seam.

These notches allow the circular edge to spread smoothly after turning.

Step 8: Turn the Rug Right Side Out

Reach through the 15 cm opening and carefully pull the rug right side out.

Work gradually to avoid stretching the opening. Pull the edges out evenly rather than forcing the entire rug through at once.

Run your fingers around the inside of the curved seam. Gently push the edge outward until the circle is smooth.

A blunt point turner can help shape the edge, but do not use sharp scissors because they may puncture the fabric.

Roll the seam between your fingers so the patchwork top and backing meet exactly at the edge.

Press the rug flat using the heat setting appropriate for your fabrics. Use a pressing cloth when working with dark denim or delicate colored fabrics.

Turn the raw edges of the opening inward by **1 cm or approximately $\frac{3}{8}$ inch**. Press and clip the opening closed.

Step 9: Topstitch the Outer Edge

Topstitch around the entire rug approximately **0.5 cm or $\frac{1}{4}$ inch from the edge**.

Begin in an inconspicuous area and use a longer stitch length. A walking foot is especially helpful because the rug contains multiple fabric layers.

The topstitching will close the turning opening and secure the outer edge.

Sew slowly and guide the rug in a gentle curve. Do not make sharp turns.

Keep the same distance from the edge throughout the circle. Use the edge of the presser foot as a guide.

When you return to the starting point, overlap the stitching by several stitches and backstitch securely.

Press the rug again after topstitching.

Step 10: Make or Prepare the Fringe

The graphic uses decorative fringe approximately:

- **10 cm or 4 inches wide**
- **400 cm or about $4\frac{3}{8}$ yards long**

Commercial upholstery fringe, cotton tassel trim, recycled yarn fringe, or handmade fabric fringe may be used.

To create handmade yarn fringe, cut strands approximately twice the desired finished length. Fold small groups in half and attach them to a narrow fabric tape or cord.

Use several coordinating colors to repeat the colors in the patchwork rug.

For a denim-inspired version, combine blue, gold, burgundy, pink, green, and purple strands.

Before attaching the fringe, wrap it loosely around the rug to confirm that it is long enough. Leave a small amount of extra trim for joining the ends.

If the fringe sheds heavily, shake it outdoors or gently comb it before sewing.

Step 11: Attach the Fringe

Position the fringe around the outside edge of the rug.

The woven or stitched header of the fringe should rest on the topstitched outer edge. The loose strands should extend away from the rug.

Begin in an inconspicuous area. Fold the raw end of the fringe under by approximately ½ inch.

Pin or clip the fringe every few inches. Ease it gently around the circle without stretching the trim.

When you reach the starting point, overlap the ends neatly. Fold the final raw end under and place it over the beginning.

Sew the fringe in place using a straight stitch. Stitch through the header tape rather than through the loose tassels.

For greater durability, sew a second line of stitching parallel to the first.

Keep the loose strands away from the presser foot. A piece of removable painter's tape can temporarily hold the fringe toward the outside while you sew.

After stitching, remove the pins, clips, or tape and inspect the entire edge.

Step 12: Finish the Rug

Place the rug on a flat surface and smooth it from the center outward.

Check that all seams are secure and that the backing does not extend beyond the patchwork top.

Trim any unusually long fringe strands to create an even outer edge. Do not cut every strand perfectly straight; a slightly varied handmade fringe complements the patchwork design.

Remove loose threads and press the rug one final time.

For use on hard floors, attach a non-slip rug pad underneath. Fabric rugs may slide easily, especially on polished wood, laminate, or tile.

You may also apply small amounts of fabric-safe non-slip coating to the backing. Follow the manufacturer's instructions and allow it to dry fully before placing the rug on the floor.

Main Sewing Methods Used

This project uses several basic sewing techniques:

Straight stitching: Used to join the wedges, attach the center, sew the backing, and secure the fringe.

Consistent seam allowances: A 1 cm or approximately ¾-inch seam allowance is used throughout most of the construction.

Pressing: Each wedge seam is pressed open to distribute bulk and help the rug remain flat.

Topstitching: Stitching along the patchwork seams and outer edge adds strength and a decorative finish.

Pinning or clipping: Clips are especially useful for denim and thick fabric layers.

Optional appliqué: Decorative shapes, labels, initials, or fabric motifs may be added to the center before the backing is attached.

Tips for a Flat and Professional Finish

Use a walking foot to feed the top and bottom fabric layers evenly.

Choose a strong needle suitable for the heaviest fabric in the project. A size 90/14 or 100/16 denim needle works well for most medium-weight denim.

Press every wedge seam before joining the next major section. Skipping the pressing process may cause the ring to twist or ripple.

Keep the seam allowance consistent. Even a small difference repeated across 16 seams can noticeably alter the final circle.

Mix several denim shades and coordinating solid fabrics for a rich patchwork appearance.

Apply fusible interfacing to lightweight quilting cotton before combining it with denim.

Make a test ring from inexpensive fabric when resizing the pattern. This allows you to check the wedge angle before cutting your final materials.

Use fabric clips instead of pins when the layers are too thick for pins to pass through comfortably.

Roll or fold the rug loosely for storage. Sharp folds may leave permanent creases in interfaced denim.

Optional Design Variations

Create a classic denim rug using only light, medium, and dark blue jeans.

Make a farmhouse version with cream, tan, brown, faded blue, and ticking-stripe fabrics.

For a children's room, use bright rainbow colors and add a playful appliqué to the center.

Replace the fringe with bias binding for a cleaner and more modern edge.

Use visible golden topstitching to imitate traditional jeans construction.

Add decorative embroidery, fabric labels, or simple appliqué shapes before assembling the rug.

Create a reversible rug by using another patchwork design for the backing instead of a solid fabric.

For a washable pet mat, omit the fringe and use durable canvas or recycled denim on both sides.

Care Instructions

Machine-wash the rug in cold water using a gentle cycle.

Use a mild detergent.

Do not use chlorine bleach because it may discolor the denim and colored fabrics.

Tumble-dry on low heat or line-dry flat.

Reshape the rug while it is still slightly damp.

Iron on medium heat when needed. Use a pressing cloth over synthetic fringe or delicate fabrics.

If the rug includes heavy interfacing, upholstery fringe, fabric glue, or a non-slip coating, hand-washing or spot-cleaning may be safer.

Always test colored denim for dye transfer before washing it with other items.

Final Result

Your **DIY round patchwork rug** is now complete. The 16 colorful wedges form a bold outer ring, the circular center gives the design a clean focal point, and the multicolored fringe adds texture and movement.

Place the finished rug on a suitable non-slip pad and enjoy your handmade addition to the room. With careful cutting, consistent seams, thorough pressing, and secure topstitching, this project can remain beautiful and functional for years.

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