FREE EMBROIDERY TUTORIAL + PATTERN

Woven Wheel Stitch

Spider web roses: how to stitch them, plus a rose cluster for a 5 in hoop

SKILL LEVEL	HOOP	DESIGN
Easy	**5 in (13 cm)**	**6 roses, 3 sizes**
FLOSS	**STITCHES**	**TIME**
4 DMC colours	**Woven wheel, lazy daisy, French knot**	**About 2–3 hours**

Materials

- DMC stranded cotton: 3354 light dusty rose, 3733 dusty rose, 3350 ultra dark dusty rose, 3363 medium pine green (1 skein each)
- 8 × 8 in (20 cm) cream cotton or linen, a 5 in (13 cm) hoop
- A size 7 embroidery needle (spokes, leaves, knots) and a size 24 tapestry needle (weaving), a water-soluble pen

Key

Spoke	a straight stitch from the circle to the centre	**LD**	lazy daisy (detached chain) leaf
Round	once round the wheel, over 1, under 1	**FK**	French knot, 2 wraps

Rose sizes: large 1.10 in (28 mm), medium 0.84 in (21 mm), small 0.60 in (15 mm). Rounds of 6-strand floss pack about 0.9 mm apart (assumed: try 1 rose on a scrap first).

Woven wheel rose

1	Mark the centre and 5 spoke ends. Stitch 5 spokes, edge to centre, with 2 strands.
2	Thread the tapestry needle with 6 strands. Come up between 2 spokes right next to the centre.
3	Weave over 1 spoke, under the next, round and round, without going into the fabric. Let each round sit snug against the last.
4	Stop when the spokes are hidden. Take the needle down under the edge of the last round and secure on the back.

The hoop

Trace	Print the template at 100%, check the 1 in (2.5 cm) bar, mark the dots and the leaf outlines.	
Leaves	11 lazy daisy leaves in DMC 3363, 3 strands, each starting at the edge of its rose.	**(11)**
Rose A	Large, DMC 3733 (dusty rose): 16 rounds.	
Rose B	Medium, DMC 3354 (light dusty rose): 12 rounds.	
Rose C	Medium, DMC 3350 (ultra dark dusty rose): 12 rounds.	
Rose D	Small, DMC 3350 (ultra dark dusty rose): 9 rounds.	
Rose E	Small, DMC 3354 (light dusty rose): 9 rounds.	

Rose F	Small, DMC 3733 (dusty rose): 9 rounds.	
Buds	8 French knots, 4 strands, 2 wraps, alternating DMC 3350 and DMC 3733.	**(8)**
Finish	Dab away the pen marks with a damp cloth (don't soak the roses), dry, press from the back on a towel and frame.	

What's exact, what's calculated

Exact	Spoke positions, the over/under order and the layout: no 2 shapes overlap, all inside the hoop.
Calculated	Rounds per rose and the floss per rose from spoke length and round size.
Assumed	How tightly a round of 6-strand floss packs.

How to Stitch a Woven Wheel Rose

also called spider web rose · 5 spokes, then weave over 1, under 1 with a blunt needle

1 · 5 spokes



Come up at a dot on the circle, go down in the centre. Repeat for all 5 spokes, 2 strands.

2 · Over, under



With 6 strands, come up between 2 spokes near the centre. Pass over 1 spoke, under the next.

3 · Round and round



Keep weaving without piercing the fabric. With 5 spokes each round swaps over and under by itself.

4 · Finish



When the spokes are hidden, slip the needle under the last round and down to the back. Secure.

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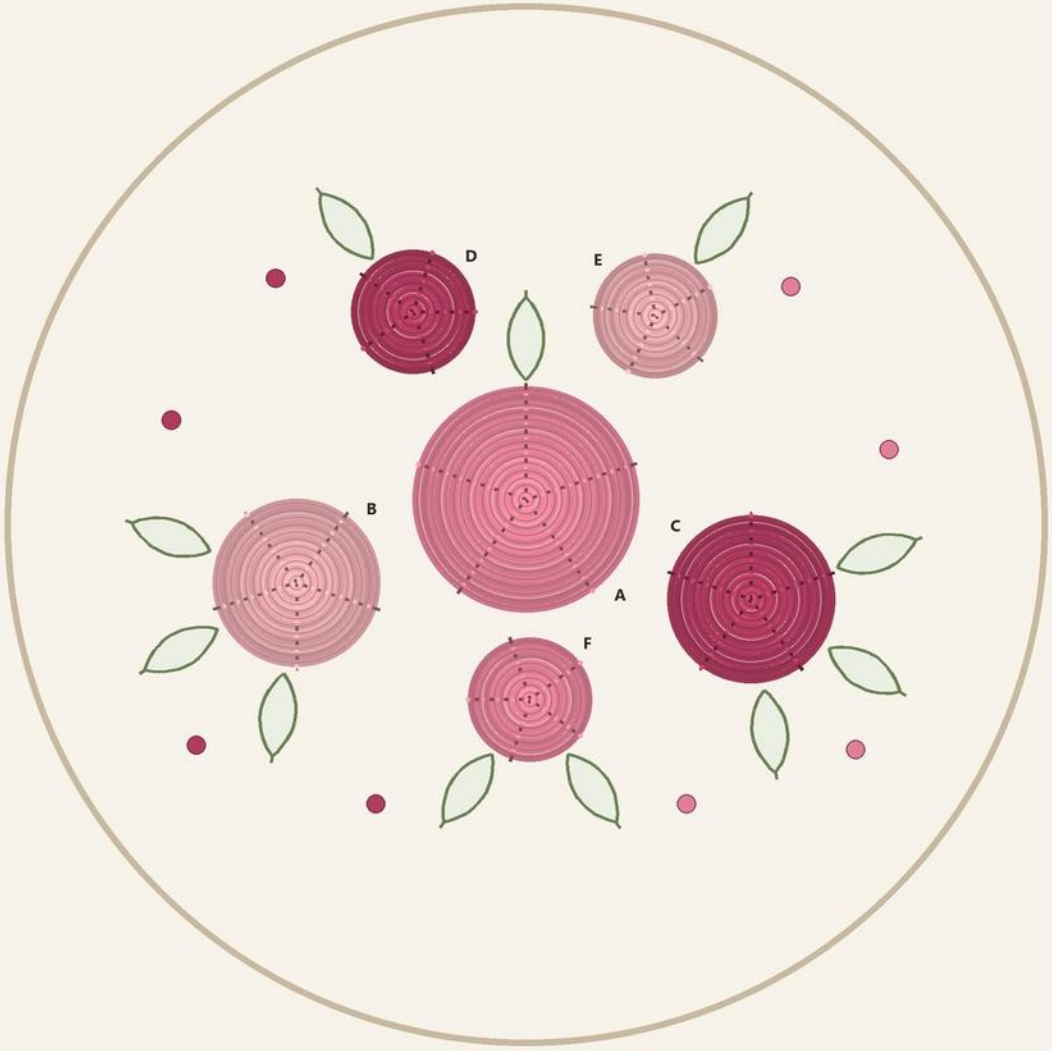
Woven Wheel Rose Cluster · Stitch Plan

5 in hoop · 6 woven wheel roses on 5 spokes (letters A to F) · 11 lazy daisy leaves · 8 French knot buds · enlarged



DMC 3354 · light dusty rose

DMC 3733 · dusty rose

DMC 3350 · ultra dark dusty rose

DMC 3363 · medium pine green

Stitch the leaves first, then the roses from the biggest down, then the buds.

Woven Wheel Roses · 3 Sizes

5 spokes · 1 round of 6-strand floss takes about 0.9 mm when packed in (assumed: your floss and tension may differ)

Rose	Across	Spoke length	Woven rounds	Spoke thread (2 strands)	Weaving thread (6 strands)	In the hoop
Large	1.10 in (28 mm)	0.55 in (14 mm)	16	17 in (42 cm)	52 in (133 cm)	1
Medium	0.84 in (21 mm)	0.42 in (11 mm)	12	15 in (38 cm)	34 in (86 cm)	2
Small	0.60 in (15 mm)	0.30 in (8 mm)	9	14 in (35 cm)	23 in (59 cm)	3

Weaving thread = the length of each round (2 × 3.14 × radius, + 25 % for over and under), added up, + 20 % + 10 in.

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Woven Wheel Rose Cluster · Floss

Spokes 2 strands · weaving all 6 strands · leaves 3 strands · knots 4 strands, 2 wraps

DMC	Colour	Used for	Thread to cut	Of 1 skein
DMC 3354	light dusty rose	roses B and E, spokes + weaving	0.8 yd × 2 strands + 1.6 yd × 6 strands	21 %
DMC 3733	dusty rose	roses A and F, 4 buds	0.8 yd × 2 strands + 0.5 yd × 4 strands + 2.1 yd × 6 strands	31 %
DMC 3350	ultra dark dusty rose	roses C and D, 4 buds	0.8 yd × 2 strands + 0.5 yd × 4 strands + 1.6 yd × 6 strands	25 %
DMC 3363	medium pine green	11 lazy daisy leaves	0.8 yd × 3 strands	4 %

1 skein of each colour covers it, with plenty to spare. Lengths include 20 % extra and 10 in for ends.

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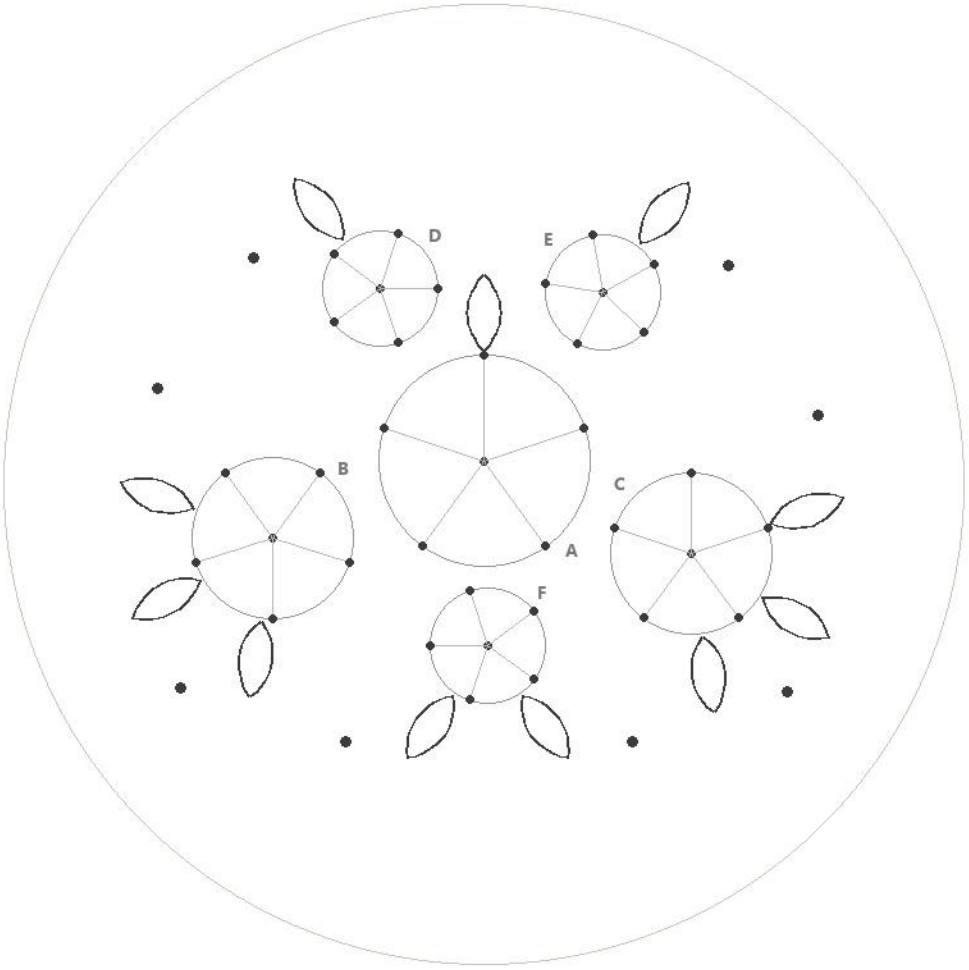
Woven Wheel Rose Cluster · print at 100% (actual size)

Mark each rose centre and its 5 spoke ends (dots), the leaf outlines and the bud dots. The grey circles and spoke lines are guides only.



1 in check bar: measure it after printing