FREE EMBROIDERY TUTORIAL + PATTERN

Padded Satin Stitch

How to do padded satin stitch, plus a moon and stars hoop on navy

SKILL LEVEL	HOOP	DESIGN
Intermediate	**5 in (13 cm)**	**Moon + 7 stars**
FLOSS	**STITCHES**	**TIME**
3 DMC colours	**Split, seed, satin, knots**	**About 5–6 hours**

Materials

- DMC stranded cotton: 3822, 3823, B5200 (1 skein each)
- 9 × 9 in (23 cm) navy cotton, a 5 in (13 cm) hoop, a size 9 embroidery needle
- A white transfer pencil, or water-soluble printable stabilizer, for tracing onto dark fabric

Key

Split st	small outline stitches	**FK**	French knot, 2 wraps
Padding	layers under the satin that lift it	**2 strands**	separate 2 of the 6

Satin stitches lie about 0.5 mm apart on the narrow edge. The longest moon stitch is 11 mm; keep them all under 11 mm.

Stitch counts are calculated from the shapes; your own may differ by a few. Even coverage matters more than the number.

Padded satin stitch

1	Split stitch the outline with small stitches.
2	Padding: seed stitches inside the outline, kept about 2 mm in from the edge.
3	Second padding (moon only): rows of long running stitches along the crescent.
4	Top: satin across the shape, at right angles to the last padding, covering the outline.

The hoop

Trace	Print the template at 100%, check the 1 in (2.5 cm) bar, trace with a white pencil or use stabilizer.	
Moon	Outline, seed padding, 3 rows along the crescent, then satin from the outer to the inner curve, adding short wedge stitches on the outer edge where gaps open.	**(216 top sts)**
Stars	Outline each star, 1 padding stitch along each point, then satin each point across its own axis, from the centre out to the tip.	**(350 top sts)**
Sparkles	4 crosses of 2 straight stitches and 6 French knots in white.	**(14 sts)**
Finish	Don't iron the front. Press lightly from the back on a folded towel so the domes keep their shape.	

How to Do Padded Satin Stitch

outline, padding layers, then smooth satin on top · 2 strands · a raised, rounded finish

1 · Outline



Split stitch along the traced line, small stitches. It firms the edge the satin will wrap over.

2 · First padding



Fill inside the outline with seed stitches or small satin, kept a little in from the edge.

3 · Padding across



Add a layer at right angles to the top stitches: long running stitches along the shape.

4 · Satin on top



Satin across the whole shape, up on one side of the outline, down just outside the other.

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Padded Satin Stitch · The Layers

the moon at each stage, and a cut through the finished dome



1 · Split stitch outline | 2 · Seed stitch padding | 3 · Rows along the moon | 4 · Satin across

Cross-section across the widest part of the moon



seed layer (lowest, smallest) · 3 rows along the moon (dots, seen end on) · top satin across

Moon and Stars · Padded Satin Plan

5 in hoop on navy · 965 stitches in all layers · enlarged



DMC 3822 · moon

DMC 3823 · star

DMC B5200 · spark

Outline, pad, then satin across: the moon fans from the outer arc to the inner arc, each star point is worked across its own axis.

Moon and Stars · Stitch Counts

satin spaced 0.5 mm on the narrow edge · outline stitches 1.8 mm · counts are guides, not targets

Shape	Split stitch outline	Padding stitches	Top satin stitches	Longest satin
Moon	97	103	216	11 mm
Star 1	31	5	70	4 mm
Star 2	25	5	55	3 mm
Star 3	20	5	40	2 mm
Star 4	29	5	65	3 mm
Star 5	21	5	45	2 mm
Star 6	22	5	45	2 mm
Star 7	16	5	30	2 mm
Total	261	138	566	

The moon includes 51 short wedge stitches on the outer curve. Keep every satin stitch under 11 mm.

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Moon and Stars · Floss

2 strands throughout · navy cotton 9 × 9 in (23 cm) in a 5 in (13 cm) hoop

DMC	Colour	Part	Stitches	Thread (2 strands)
DMC 3822	light straw	moon: outline, padding, satin	416	6.4 yd
DMC 3823	ultra pale yellow	7 stars: outline, padding, satin	549	3.8 yd
DMC B5200	snow white	sparkles: straight stitches, French knots	14	0.7 yd

1 skein of each colour is plenty. Time: about 5–6 hours.

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Moon and Stars · print at 100% (actual size)

Trace the moon, the 7 stars, the 4 sparkle crosses and the 6 knot dots. On navy, trace with a white pencil or print onto stabilizer.



1 in check bar: measure it after printing