

Crescent Moon Koala

Macramé Wall Hanging • Pattern No. 41

A Javoews House pattern

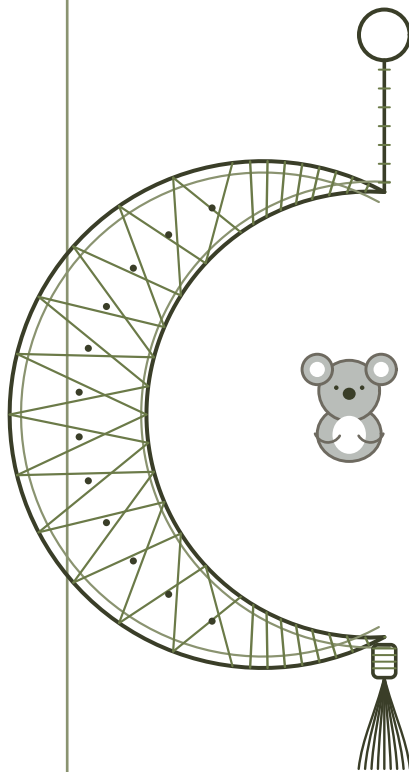
SKILL LEVEL
Intermediate

FINISHED SIZE
7.5 × 21 in (19 × 53 cm)

BUILD TIME
6–8 hrs / 2–3 evenings



Inspiration



Finished pattern



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How to use this pattern

Read the Knot Reference and Assembly Map before cutting anything — the map is your project overview. The Quick Reference Card that ships with this pattern is your workspace companion; keep it beside the frame while you knot. Sections are written in strict build order — don't skip ahead of the frame wrap.



Materials

Item	Specification	Quantity / size
Cord	3 mm single-twist cotton string, olive sage	60 yd (55 m) total — buy one 65 yd spool
Core	8 mm 3-ply cotton rope + 18-ga floral wire	72 in (183 cm) of each, run together
Ring	Unfinished wooden ring	2 in (5 cm) outer diameter
Plush	Crocheted koala amigurumi, gray	≈4.5 in (11 cm) seated — see note
Thread	Strong sewing thread, gray	1 yd, for koala anchor stitches
Tools	Tape measure, sharp shears, wide-tooth comb	plus masking tape, fabric glue, template print

Designer's note

The koala in the inspiration photo is crochet amigurumi, not macramé — use a ready-made plush or any 4–5 in seated animal. This pattern covers the full macramé moon plus a hidden two-point anchor so the koala sits securely in the curve. A purchased 10 in metal crescent hoop can replace the rope-and-wire core; skip Section 1 if you use one.

Time to complete — 6–8 hours for a beginner-to-intermediate crafter

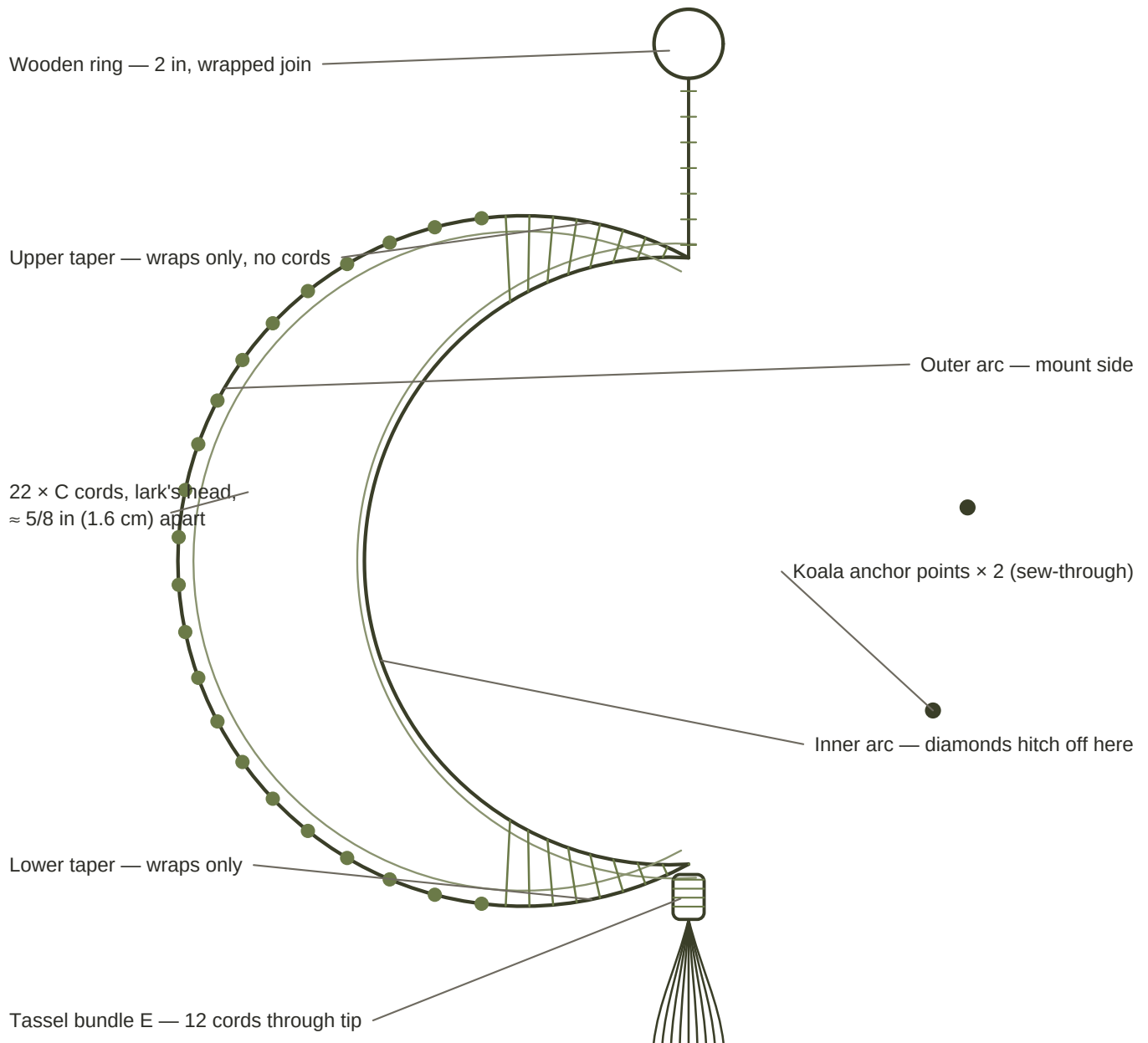
Core shaping: 30 min • Frame wrapping: 1.5–2 hrs • Hanger & ring: 20 min • Cord mounting: 20 min • Diamond lattice: 2.5–3 hrs • Tassel: 30 min • Koala & finishing: 40 min. Plan 2–3 evening sessions; the lattice band is the long sit.

Cord Cutting Chart

Label	Purpose	Qty	Cut length	Subtotal
A	Crescent core (rope + wire together)	1	72 in	2 yd rope
B	Frame wrap cords	3	6 yd	18 yd
C	Lattice working cords	22	45 in	27.5 yd
D	Hanger wrap cord	1	60 in	1.7 yd
E	Tassel cords	12	16 in	5.3 yd
F	Wrapping-knot cords	2	24 in	1.3 yd
Total 3 mm cord				≈54 yd

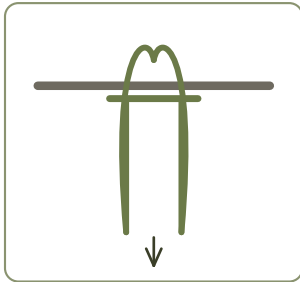
Cut every cord 3–4 inches longer than listed — wrap coverage and hitch tension vary by hand. Overage disappears into the trim.

Cord Layout & Frame Mounting Diagram



Mount all 22 lattice cords on the outer arc only. The taper zones at both tips stay bare wrap — that clean taper is what reads as a moon. Anchor dots (dark) mark where the koala is sewn through the inner-arc wraps.

Knot Reference Guide



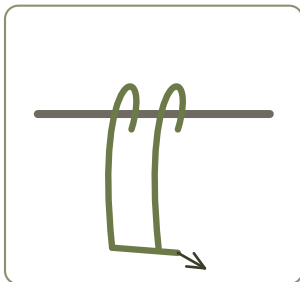
Lark's Head Knot (LHK)

Fold cord in half, push loop behind the frame, pull both legs through the loop and snug. Mounts every lattice cord onto the wrapped frame.



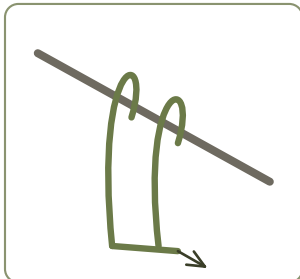
Square Knot (SK)

Left cord over fillers and under right; right cord under fillers and up through the left loop. Repeat mirrored to square it off. Fills each diamond center.



Double Half Hitch (DHH)

Working cord loops over the holding cord twice, each loop locking in front of the last. The horizontal workhorse that closes diamonds onto the inner frame.



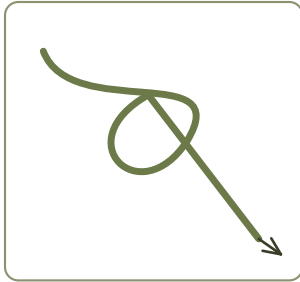
Diagonal Double Half Hitch (DDHH)

A DHH worked along a holding cord held at a 45-degree slant. Keep the holding cord taut and let the knots ride down it — this draws every diamond outline.



Wrapping Knot (WK)

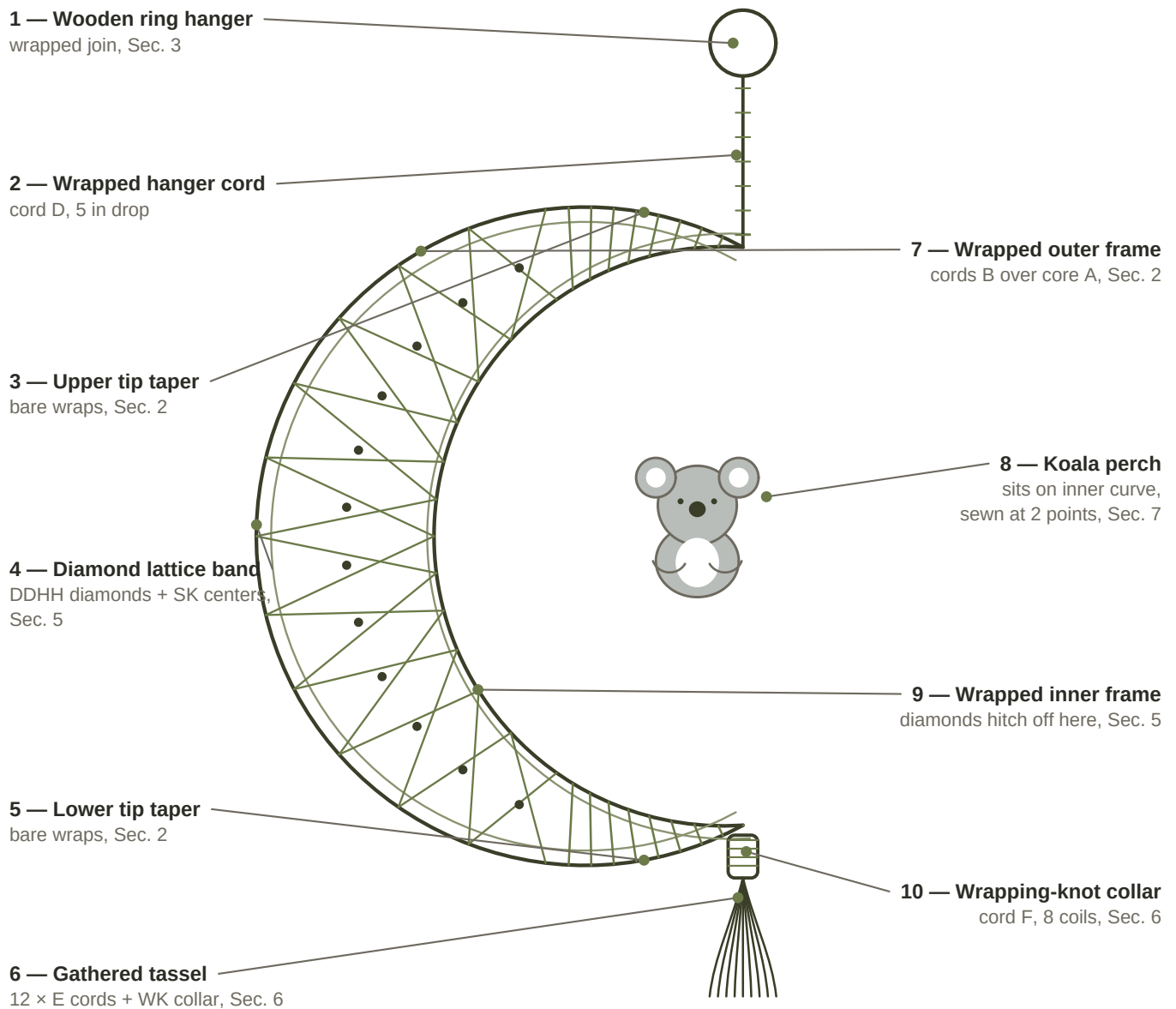
Lay a loop along the bundle, coil the long end tightly around bundle and loop, then thread the tail through the loop and pull it under the coils. Collars the tassel.



Overhand Knot (OK)

Simple loop-and-through knot. Used to seed cord ends and secure the koala anchor loop.

Full-Piece Assembly Map



Build Order Overview

Step	Construction section	Est. time
1	Shape the crescent core	30 min
2	Wrap the frame	1.5–2 hrs
3	Hanger & wooden ring	20 min
4	Mount the lattice cords	20 min
5	Diamond lattice band	2.5–3 hrs
6	Bottom tassel	30 min
7	Koala perch & finishing	40 min

Work strictly top-down: the frame must be finished and rigid before any cord mounts, and the lattice must be complete before the tassel closes the lower tip.

Construction

1. Shape the crescent core

1. Print or draw the crescent template: outer circle 7.5 in (19 cm) diameter, inner circle 6.6 in (16.8 cm) diameter with its center pushed 1.6 in (4 cm) toward the opening. The two arcs meet at slim tips — the koala sits in the opening.
2. Run the 18-ga wire alongside the 8 mm rope and bend both together around the template, starting at the upper tip: down the outer arc, around the lower tip, back up the inner arc. Tape the crescent to the template as you go so it holds shape.
3. Where the rope ends meet at the upper tip, overlap 1 in, bind tightly with masking tape, and squeeze the tips to a taper. Total core length used: ≈72 in.

2. Wrap the frame

1. Anchor a B wrap cord at the upper tip: lay a 2 in tail along the core pointing down the outer arc, then coil over it — the first ten coils lock the tail.
2. Coil tightly and continuously, seating each wrap against the last with a thumbnail push every 10 wraps. No core should peek through; keep the coil angle square to the core.
3. When a B cord runs out, lay the new cord's tail under the last 5 coils of the old one, dab of fabric glue, continue. Joins vanish. Wrap the entire outline — outer arc, lower tip, inner arc — back to the start.
4. At both tips, add 5 extra tension coils; tips take the most handling stress.

3. Hanger & wooden ring

1. Fold cord D around the wooden ring so both legs hang. Position the ring 5 in above the upper tip.
2. Treat both legs plus a doubled 12 in scrap as the hanger carrier: wrap D's longer leg down the bundle in tight coils to the tip, then bind the coil end into the frame wraps with 3 stitches of the same cord and a dab of glue.
3. Check the hang: the crescent should sit dead vertical. If it rotates toward the koala side, shift the hanger's bind point 1/4 in toward the outer arc.

4. Mount the lattice cords

1. Mark the mount zone on the outer arc: from 2 in below the upper tip to 2 in above the lower tip — about 14 in of arc.
2. Lark's head (LHK) all 22 C cords onto the outer arc in that zone, evenly spaced ≈ 5/8 in apart. Heads face the wall side so the front shows clean bars.
3. Slide, don't retie, to adjust spacing — lark's heads travel along wraps easily before they're loaded.



5. Diamond lattice band

1. Each diamond uses 8 working ends (4 LHK cords). With 22 cords you get 5 full diamonds plus half-diamonds at the taper ends — exactly the run in the photo.
2. Top of each diamond: take the 4th cord of the group as holding cord, angle it down-left at 45°, DDHH the 3 cords to its left onto it. Mirror with the 5th cord angled down-right — the two holding cords form the diamond's top V.
3. Center: tie one firm SK with the 4 middle ends inside the open diamond.
4. Bottom of the diamond: bring both holding cords back toward the middle and DDHH the side cords onto them, closing the V. Adjacent diamonds share their side cords — that's what links the run into a band.
5. Ends: every cord finishes with a DHH onto the inner-arc wraps, pulled snug so the band sits flat with no bagging. Trim ends to 1/4 in on the wall side and seal with a dab of glue.
6. Full deep-dive with step diagrams on the technique pages.

6. Bottom tassel

1. Thread the 12 E cords through the wrapped lower tip — a blunt needle or small crochet hook helps — and center them so 24 even strands hang.
2. Collar the bundle with an F cord in a wrapping knot (WK): 8 tight coils starting 1/2 in below the tip. Bury both tails under the coils.
3. Comb the strands straight, steam lightly, and trim dead level at 5 in below the collar.

7. Koala perch & finishing

1. Seat the koala on the inner curve, bottom third of the arc — the moon's 'lap.' Mark where its base touches the inner arc at two points ≈ 2 in apart.
2. Sew through the koala's base and the frame wraps at both marks with gray thread, 4 passes each, knot on the wall side. Two anchors stop the forward tip that a single stitch allows.
3. Block the piece flat under books overnight if any lattice waves. Brush the tassel once more, and dab glue on every trimmed end on the back. Hang and admire.

Technique Deep-Dive: Shaping & Wrapping the Frame

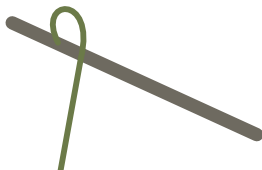
1


40 in / 100 cm core

Cut the 72 in rope core and matching wire; run them together as one.

2


tape tips to template
Bend over the template into the crescent outline; tape both tips.

3


trap 2 in tail under first coils
Anchor wrap cord B — trap a 2 in tail under the first coils.

4


coils tight, no core showing
Coil tightly along the core, seating coils every 10 wraps.

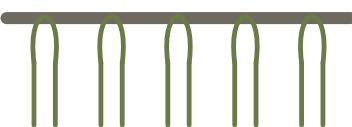
5


both arcs fully wrapped
Continue around the full outline until both arcs are covered.

6


wrap hanger cord to ring
Bind the hanger carrier and wooden ring above the upper tip.

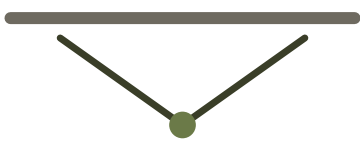
Technique Deep-Dive: The Diamond Lattice Band

1


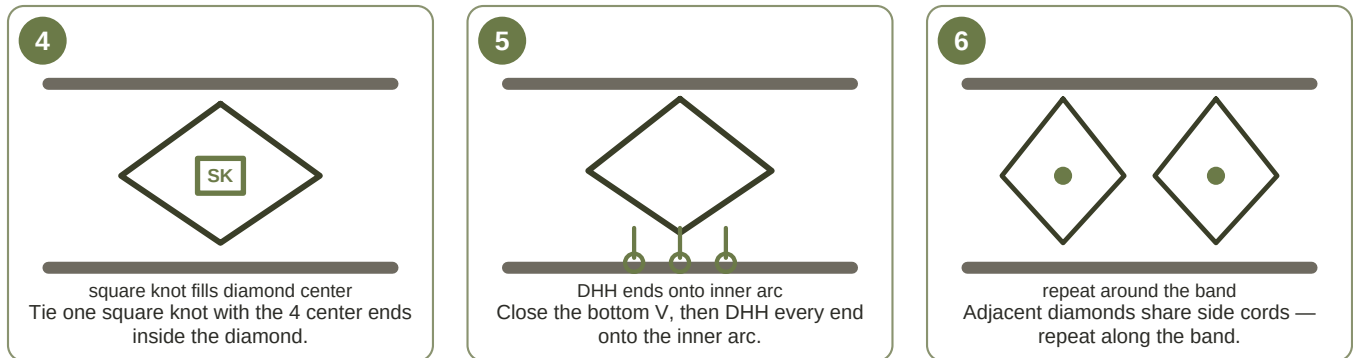
LHK cords onto outer arc
Lark's head 22 C cords along the outer arc, 5/8 in apart.

2

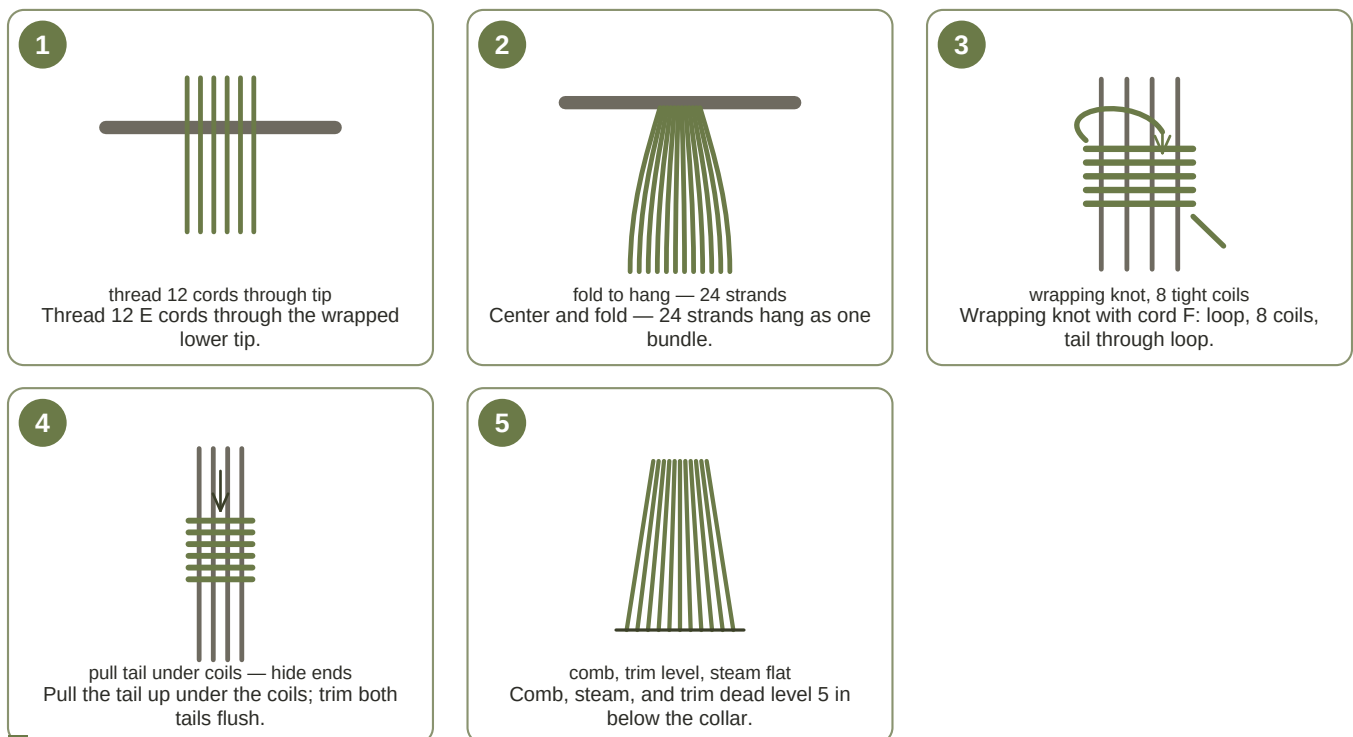

DDHH down-left holding cord
Angle a holding cord down-left; DDHH 3 cords onto it.

3


mirror diagonal — X crossing
Mirror down-right — the crossing forms the diamond's top V.



Technique Deep-Dive: The Gathered Tassel



Troubleshooting

Problem	Likely cause	Fix
Crescent twists out of plane	Core too soft for the span	Add a second run of wire, or swap to a metal hoop
Wraps slide, core peeks through	Coils not seated as you go	Push coils together every 10 wraps; rewrap loose zones
Diamonds come out uneven	Holding-cord tension drifting	Keep the holding cord taut at 45°; knots ride down to it
Lattice band puckers or bags	22 cords too crowded for your arc	Respace, or drop to 20 cords and re-balance diamonds



Problem	Likely cause	Fix
Tassel flares sideways	Strands cut at uneven length	Comb, steam, then trim in one pass against a card edge
Koala tips forward	Single anchor point	Sew at two points 2 in apart through base and wraps
Hanger wrap unravels	Tail not trapped under coils	Rewrap trapping a 2 in tail; finish with glue dab

General Tips & Finishing

- Wrap direction matters: coil all B cords the same way around the core so the wrap texture reads as one continuous spiral.
- Test your lattice tension on a scrap: two practice diamonds on a dowel will calibrate your DDHH hand before you commit to the frame.
- Blocking: lay the finished moon face-down under a towel and press with a warm iron on steam for 5 seconds per zone — the lattice settles flat.
- Brush the tassel with a wide-tooth comb, then a fine comb, before the final trim; combed cotton cuts cleaner.
- Seal every trimmed end on the wall side with fray-check or a small dab of fabric glue — olive cotton shows fuzz quickly.
- Dust the hung piece with a hairdryer on cool; never wet-wash a wired frame.