LEATHER PATTERN PACK No. 10

DOG COLLAR

Flat strap, center-bar buckle, D-ring tab and keeper

Finished size	1 in wide, cut length = fit size + 6 1/4 in
Leather	8-9 oz (3.2-3.6 mm) bridle leather
Holds	Neck sizes 8 to 26 in; the pattern is for a 1 in strap, medium to large dogs
Skill level	Intermediate
Paper	US Letter or A4, printed at 100%

INSIDE THIS PACK

- Materials, tools and print check (page 2)
- True-size pattern pages with stitch holes marked
- Step-by-step assembly instructions with diagram
- Pattern terms

Build guide with photos and video: marcellinony.com/leather-dog-collar-pattern/

Materials, Tools and Print Check

Dog Collar | 8-9 oz (3.2-3.6 mm) bridle leather

MATERIALS

- Leather: strap 1 in wide and (fit size + 6 1/4 in) long, 8-9 oz bridle. D-ring tab 1 x 3 1/2 in; keeper 5/8 x 3 1/2 in, 4-5 oz.
- Hardware: 1 in center-bar buckle, 1 in D-ring (cast if you can find one; a ring with an open gap can spread under load), double-cap rivets (4 for the buckle lap and D-ring tab).
- Optional: edge paint or dye, burnishing gum, finish. Skip stitching; this pattern is riveted.

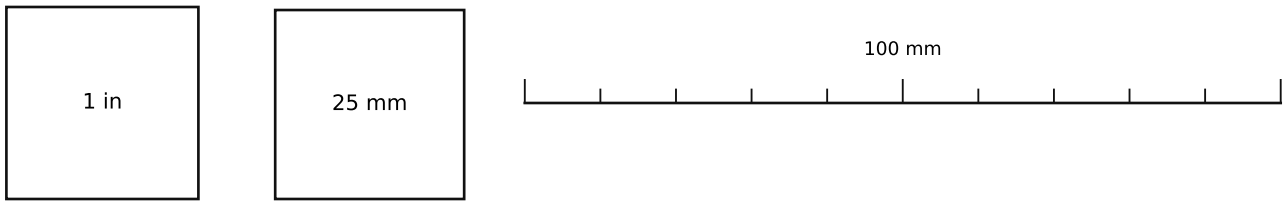
TOOLS

- Oblong slot punch or knife for the buckle slot (about 1/4 x 3/4 in)
- Round punch, 3/16 in, for the five holes and the rivet holes
- Rivet setter and mallet
- Strap cutter, or knife and steel ruler
- Edge beveler, slicker, sandpaper
- Poly board

WHERE THE DIMENSIONS COME FROM

- Measure the neck at the collar position with a soft tape and two fingers under it. That reading is the fit size. AKC: akc.org/expert-advice/lifestyle/measure-dog-gear/ and Dogids: dogids.com/blog/how-to-measure-your-dog-for-a-collar
- Holes are 1 in apart, five holes, center hole at the fit size; the standard spacing on pet strap collars is about 1 in. blog.pethardware.com/en/make-dog-collar-from-waterproof-webbing/
- Buckle and D-ring must match the strap width. blog.pethardware.com/en/make-dog-collar-from-waterproof-webbing/
- Construction (strap folded round a center-bar buckle, riveted; D-ring held by a folded tab) follows Tandy's dog collar instructions and Make: tandyleather.eu/blogs/project-ideas/dog-collar and makezine.com/projects/diy-dog-collar
- Tab, keeper and slot sizes are a Marcellino NY design. Test on scrap.

PRINT CHECK (print every page at 100% / Actual Size)

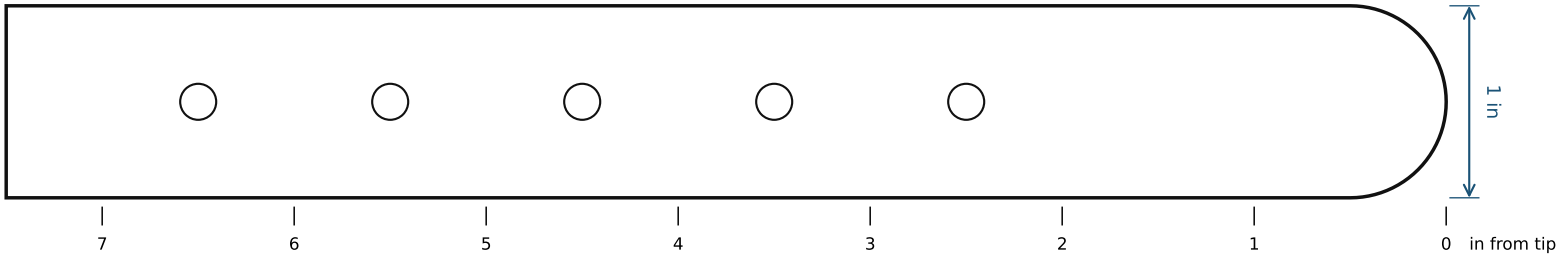


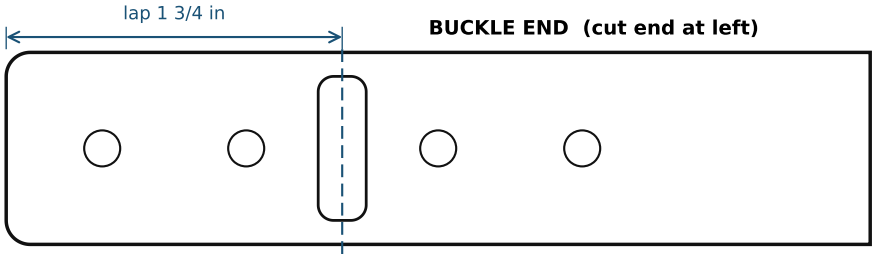
Measure the squares and the bar with a ruler before cutting anything. They must read 1 in, 25 mm and 100 mm. If they do not, switch off 'Fit to page' or 'Shrink to fit' in the print dialog and print again. Printer margins vary; keep pattern pieces inside the printed area. Content on every page sits within 0.5 in of the edge of Letter paper.

10 Dog Collar

1 in strap, 8-9 oz bridle. Cut length = fit size + 6 1/4 in. Templates are true size.

TIP TEMPLATE (5 holes, 3/16 in, 1 in apart; center hole = fit size, 4 1/2 in from the tip)



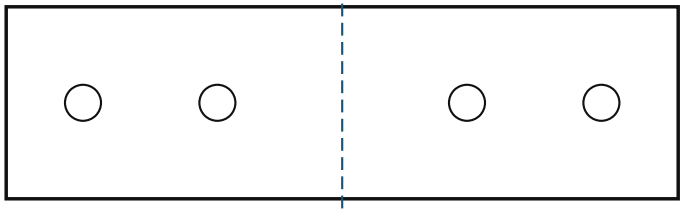


BUCKLE END (cut end at left)

Rivet holes at 0.5 and 1.25 in (lap) and at 2.25 and 3.0 in (strap). Fold the lap back and punch both layers together.

fold line = center of slot (1/4 x 3/4 in)

D-RING TAB cut 1

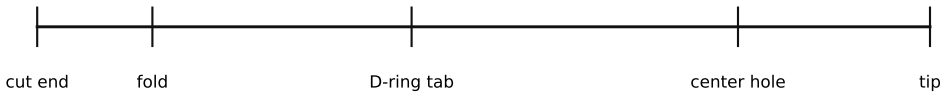


fold around the D-ring here; 2 rivets

KEEPER BLANK cut 1

5/8 x 3 1/2 in, 4-5 oz. Wrap, mark overlap, trim.

FULL LAYOUT (not to scale)



CUT LENGTH BY FIT SIZE (fit size = neck, two fingers under the tape)

Fold to center hole = fit size. The tab's folded end sits 3 in from the fold.

Fit size	10 in	12 in	14 in	16 in	18 in	20 in	22 in	24 in
Cut length	16.25 in	18.25 in	20.25 in	22.25 in	24.25 in	26.25 in	28.25 in	30.25 in

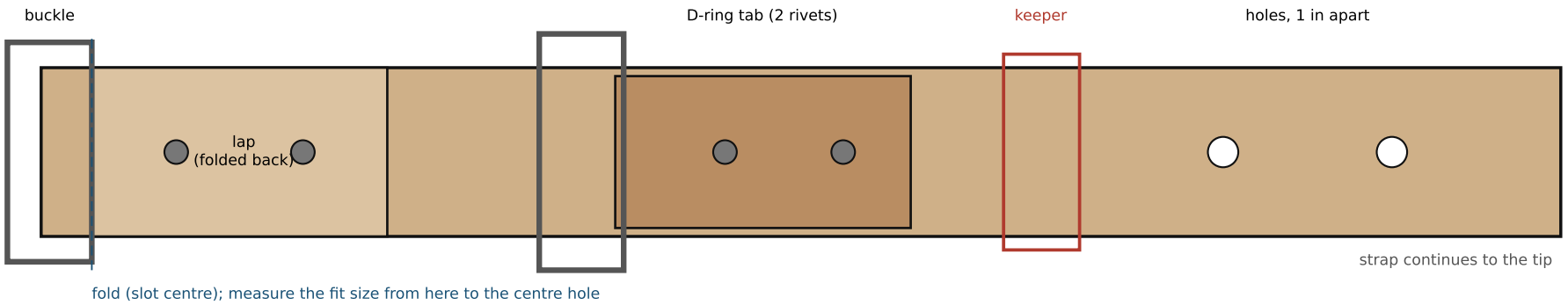
Holes cover fit size - 2 in to fit size + 2 in. A 1 in strap suits a 1 in buckle and D-ring.



SCALE CHECK: the lines must measure 1 in and 50 mm. If not, reprint at 'Actual size'.

Assembly Diagram

Dog Collar



Schematic, true width, length shortened. Outside view of the buckle end.

Assembly Instructions

Dog Collar

1. Print every page at 100%. Confirm the scale square on page 2. Measure the dog's neck at the collar position with two fingers under the tape. That is the fit size.
2. Work out the cut length: fit size + 6 1/4 in. A 16 in fit size is a 22 1/4 in strap. Cut it 1 in wide from 8-9 oz leather. Shape the tip with the template.
3. At the tip, mark the five holes from the tip: 2 1/2, 3 1/2, 4 1/2, 5 1/2 and 6 1/2 in. The center hole (4 1/2 in) is the fit size. Punch with a 3/16 in punch.
4. At the buckle end, mark the fold 1 3/4 in from the cut end. Punch the buckle slot, 1/4 x 3/4 in, centered on the fold.
5. Bevel and burnish both edges of the strap now. After riveting, only the ends remain.
6. Fit the buckle: pass the strap through the buckle with the bar in the slot and the prong through the slot, fold the end back along the strap. Mark and punch the rivet holes through both layers, 1/2 in and 1 1/4 in from the cut end.
7. Cut the D-ring tab 1 x 3 1/2 in. Slide the D-ring onto it, fold it in half and mark two rivet holes 0.4 in and 1.1 in from the tab ends. Punch through both tab layers.
8. Lay the tab on the strap so its folded end is 3 in from the buckle fold toward the tail. Mark through the tab holes, punch the strap and set two rivets.
9. Set the buckle lap rivets. Check that the rivet posts are long enough for the stack; swap for longer posts if the caps do not seat.
10. Cut the keeper 5/8 x 3 1/2 in, wrap it round the strap and its tail together, mark a 1/2 in overlap, trim and skive it, glue it and stitch or rivet it. Slide it on from the tip.
11. Check the fit on the dog with two fingers under the collar. Burnish the tip and finish.

Pattern Terms and Notes

Dog Collar

HOW TO READ THE PATTERN PAGES

- Solid black line = cut line. Red dashed line = stitch line. Open circles = punched holes.
- Blue numbers are finished dimensions. Add nothing unless a page says so.
- Trace onto card stock or thin chipboard, cut it out, and keep it as a permanent template.

NOTES FOR THIS PATTERN

- Use a cast D-ring if you can. An open-gap ring can spread under load.
- Rivet posts must match the stack. Three layers of 8-9 oz (about 10 mm) needs a longer post than two.
- Never skip the fit check on the dog. Dogs of the same breed have different necks.
- Cut a paper or card stock version first and check every fit before cutting leather. Leather weights and book sizes vary; adjust the template, not the leather.
- Dimensions were compiled from published standards and commercial equivalents (listed on page 2) and checked against the geometry of each assembly. Test-cut the template in paper before leather.

TERMS OF USE

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