LEATHER PATTERN PACK No. 3

1 1/2 IN BELT

Cut to any size, hand stitched buckle end

Finished size	1 1/2 in wide, cut length = belt size + 7 1/2 in
Leather	7-8 oz (2.8-3.2 mm) vegetable-tanned
Holds	Fits a 1 1/2 in (38 mm) single-prong buckle
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-belt-pattern/

Materials, Tools and Print Check

1 1/2 in Belt | 7-8 oz (2.8-3.2 mm) vegetable-tanned

MATERIALS

- Leather: a belt strip 1 1/2 in wide and (belt size + 7 1/2) in long, 7-8 oz vegetable-tanned. Belt strips are sold pre-cut by tanneries and leather suppliers.
- Keeper: 3-4 oz leather, 5 x 3/4 in.
- Buckle: 1 1/2 in single-prong buckle with a bar the strap can wrap.
- Thread: 0.8 mm waxed thread. About 36 in for the lap plus 12 in for the keeper.

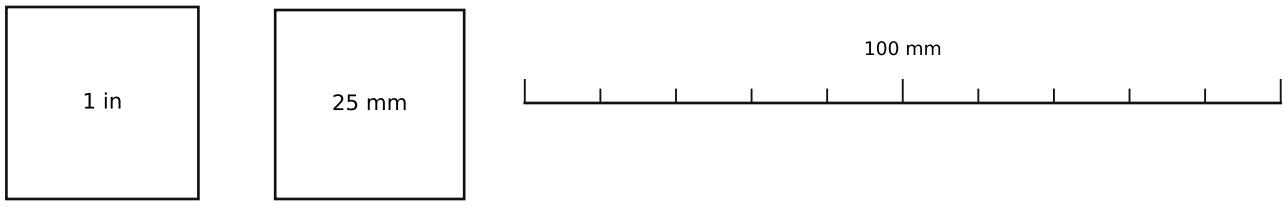
TOOLS

- Diamond stitching chisel, 4 mm pitch
- Oval or slot punch, about 1/4 x 1 1/4 in, for the prong slot
- Round punch, 3/16 in, for the five holes
- Two harness needles
- Knife, steel ruler, edge beveler, slicker, sandpaper
- Mallet and poly board; strap cutter if cutting from a hide

WHERE THE DIMENSIONS COME FROM

- Sizing follows the common convention: belt size is measured from where the leather folds at the buckle to the center hole. belts.com/find-your-size
- Belt size is waist plus 2 in. belts.com/how-to-measure-your-belt-size
- Five holes, 1 in apart, with the center hole at the belt size is the usual layout (Tom Beck, Tanner Bates). The tip runs about 5 in past the center hole (leatherworker.net forum thread on belt end length).
- Keeper: about 3/4 in wide, a strip wrapped around the belt and overlapped about 1/2 in (grit.com/community/crafts/craft-leather-belt-zm0z1809zcoo/; dictum.com/en/blog/tutorials/making-personalised-leather-belts).

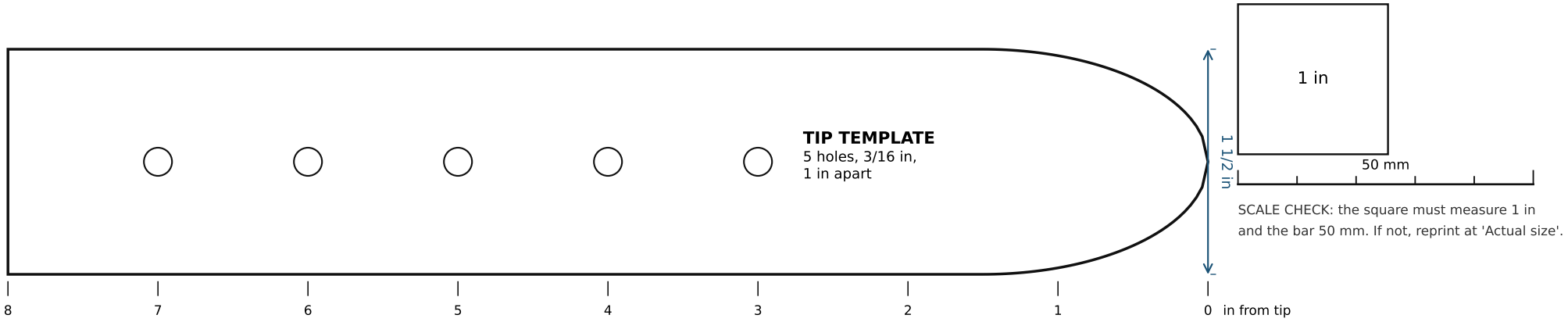
PRINT CHECK (print every page at 100% / Actual Size)

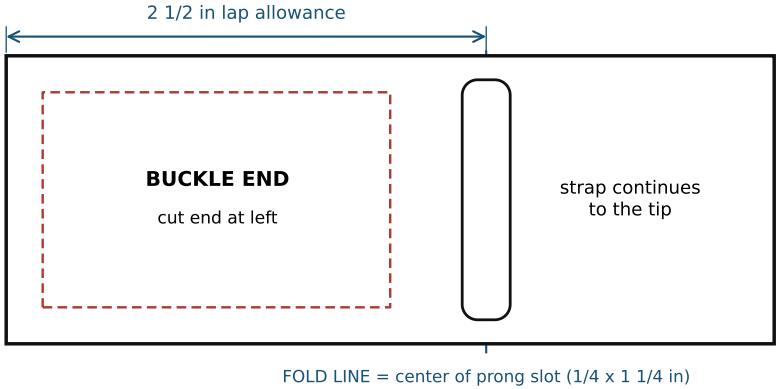


Measure the squares and the bar with a ruler before cutting anything. They must read 1 in, 25 mm and 100 mm. If they do not, switch off 'Fit to page' or 'Shrink to fit' in the print dialog and print again. Printer margins vary; keep pattern pieces inside the printed area. Content on every page sits within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

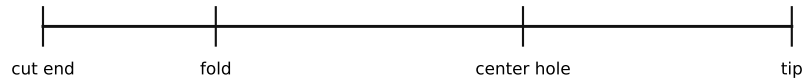
3 1 1/2 in Belt

Cut 1 strap, 7-8 oz. Cut length = belt size + 7 1/2 in. Templates below are true size.





FULL LAYOUT



Not to scale. Fold to center hole = belt size. Fold to tip = size + 5 in.

KEEPER BLANK cut 1

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

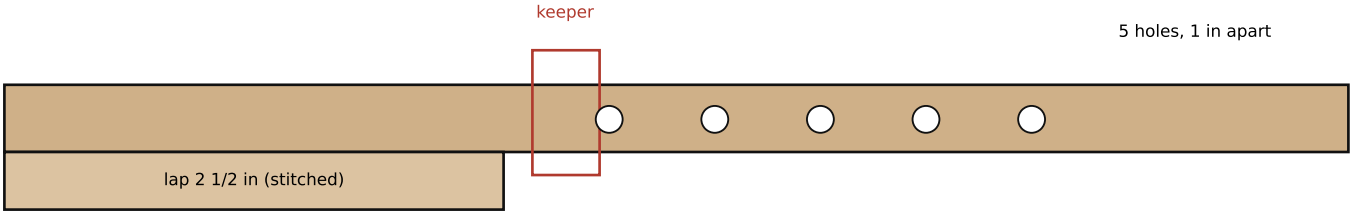
CUT LENGTH BY BELT SIZE (belt size = pant waist + 2 in, measured fold to center hole)

Belt size	30	32	34	36	38	40	42	44
Cut length	37.5 in	39.5 in	41.5 in	43.5 in	45.5 in	47.5 in	49.5 in	51.5 in
Holes at	28-32	30-34	32-36	34-38	36-40	38-42	40-44	42-46

Holes are measured from the fold, 1 in apart. Strap width 1 1/2 in suits a 1 1/2 in buckle (measure the inner width).

Assembly Instructions

1 1/2 in Belt



Schematic, not to scale. Fold to center hole = size; fold to tip = size + 5 in.

1. Print every page at 100%. Confirm the scale square on page 2. Cut the tip template from card stock.
2. Work out the belt size: pant waist plus 2 in. The cut length is belt size + 7 1/2 in (size 36 = 43 1/2 in).
3. Cut the strap to length, 1 1/2 in wide. Shape the tip with the template (round or pointed).
4. At the tip, mark the five holes from the tip: 3, 4, 5, 6 and 7 in. The center hole is 5 in from the tip. Punch with a 3/16 in round punch.
5. At the buckle end, mark the fold line 2 1/2 in from the cut end. Punch the prong slot, 1/4 x 1 1/4 in, centered on the fold line.
6. Bevel and burnish both strap edges before stitching. After stitching only the lap edge remains.
7. Fit the buckle: bend the strap around the bar so the prong passes through the slot and the cut end lies against the back of the strap.
8. Mark a stitch rectangle 3/16 in in from the lap edges, ending 1/2 in short of the fold. Punch with the 4 mm chisel through both layers and saddle stitch the lap. Glue the lap first.
9. Make the keeper: wrap the 5 x 3/4 in strip around the belt folded double (strap and tail together, as worn). Mark a 1/2 in overlap, trim, skive the overlap, glue and stitch it on the back.
10. Slide the keeper onto the strap from the tip and seat it about 3/4 in past the end of the lap stitching.
11. Burnish the final edges.

Pattern Terms and Notes

1 1/2 in Belt

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

- Check your measurement against a belt that fits: fold to center hole.
- Hand stitching is stronger than a rivet at this lap. A single rivet is acceptable for the keeper.
- 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

- Make as many items from this pattern as you like, for yourself, as gifts, or to sell.
- Do not redistribute, resell or share this PDF file or its pages, in print or digital form, including by uploading it to another site.
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