WS-020 Counted-needle sewing book

Keep a small counted set of sewing needles in labeled felt pages.

Controlling dimensions: US inches and feet. Metric equivalents are references. Original editorial design; no physical build, animal trial or load certification is claimed.

Before marking and cutting

US inches; feet where appropriate. Metric values are rounded references. Written inch values control.

3/4 in means measured 0.750 in actual thickness wherever used. Recalculate mating lengths for other sheet thicknesses; do not substitute nominal stock blindly.

Use limits

A storage organizer, not a puncture-proof sharps container; broken needles require suitable separate disposal.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Outer cover	1	8 × 5 in 203.2 × 127 mm	Dense washable felt. Cut blank before seams or fitting.
B Needle pages	2	7 × 4 in 177.8 × 101.6 mm	Dense felt in contrasting colors. Cut blank before seams or fitting.
C Closure strap	1	3/4 × 5 in 19.05 × 127 mm	Hook-and-loop strap. Cut blank before seams or fitting.

Hardware and consumables

1 × Strong thread. For two spine rows.

Tools

Rule with fractional inches; Pencil or appropriate material marker; Scissors or cutter suited to the actual material; Straightedge; Sacrificial cutting backing; Sewing needle or suitable sewing machine; Scissors; Pins; remove and count after sewing

Primary context and design record

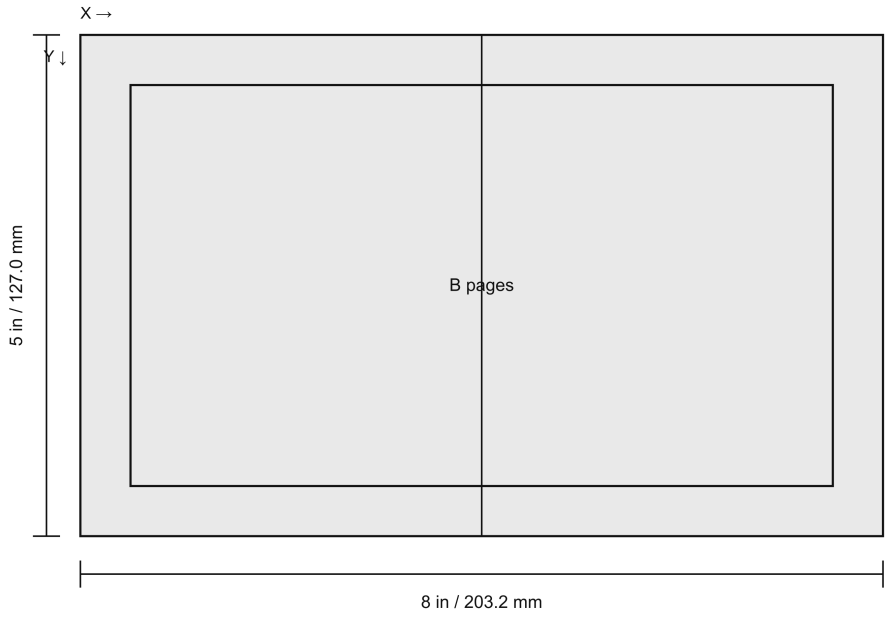
Context references; not design endorsements or certifications.

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Assembly and first checks

WS-020 Counted-needle sewing book

PLAN / reference origin at front-left; not to scale. Inch values control.



Part letters identify the cut-list pieces. Dashed outline = underside part.
Coordinates in the method use the same X/Y reference.
Do not drill from the graphic: transfer the written center coordinates.
Original editorial design; no physical construction trial or certified load rating.

01 Choose a closed indoor storage location inaccessible to children. Set a maximum counted set of twelve needles for this example.

02 Cut A 8 × 5 in and two B pages 7 × 4 in. Felt needs no turned hem; trim loose fibers.

03 Center the B pages on A with 1/2 in margins on every edge. Mark the common spine at X = 4 in.

04 Pin the layers along the spine, with pin heads kept visible and outside the later needle positions.

05 Sew two parallel spine rows at X = 3 7/8 and 4 1/8 in, each from Y = 1/2 to 4 1/2 in; secure thread ends.

06 Remove and count every construction pin. Fold the book on its centerline and check the pages lie inside the cover.

Complete the assembly

WS-020 Component dimensions

Orthographic component reference. Quantities shown; not a sheet nesting plan or full-size template.



8 × 5 in

A Outer cover QTY 1

8 in / 203.2 mm × 5 in / 127.0 mm cut blank



7 × 4 in

B Needle pages QTY 2

7 in / 177.8 mm × 4 in / 101.6 mm cut blank



3/4 × 5 in

C Closure strap QTY 1

3/4 in / 19.0 mm × 5 in / 127.0 mm cut blank

Measured actual stock controls. Read the written assembly sequence before cutting or fastening.

07 Draw six numbered needle positions on each page face, spaced at least 1/2 in apart and at least 1/2 in from cut edges.

08 Insert needles with two shallow passes through felt so points remain inside the page and cannot reach the outside cover. Use the twelve chosen positions only.

09 Close and wrap with C without pulling tightly on a needle. Record the current needle count on a paper label inside.

10 Open over a clear table before and after mending; count needles in and out and stop to find any missing one.

Acceptance and intermediate checks

Felt pages are centered with 1/2 in edge margins.

No needle point protrudes through the closed outer cover.

Actual needle count is written and agrees with the contents.

Cleaning and maintenance

Account for needles before brushing.

Replace thin or pierced pages and opening spine stitches.