WS-012 Low-profile field clipboard

Secure paper checklists on a rigid board without a permanently projecting clip.

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

Not a weatherproof document case or electrical insulating board.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Writing board	1	10 × 13 × 1/4 in 254 × 330.2 × 6.35 mm	Sanded birch plywood with sound, void-free receiving edges. Measured actual thickness 1/4 in.
B Elastic retention bands	2	3/4 × 20 in 19.05 × 508 mm	3/4 in woven elastic; cut length adjusted after measured fit. Cut blank before seams or fitting.

Hardware and consumables

1 × Strong sewing thread. For two 1 in overlaps.

Tools

Rule with fractional inches; Pencil or appropriate material marker; Reliable square; Saw suited to the specified stock; Clamps; Abrasive and dust-removal brush; Sewing needle or suitable sewing machine; Scissors; Pins; remove and count after sewing

Primary context and design record

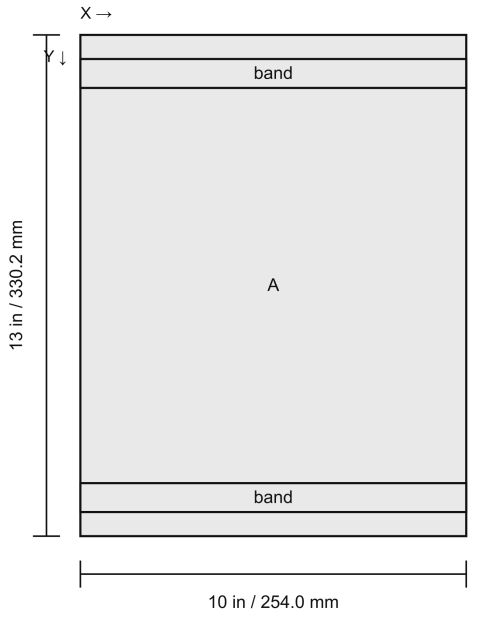
Context references; not design endorsements or certifications.

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Assembly and first checks

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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 Cut A 10 × 13 × 1/4 in from sound smooth plywood; this outline gives a margin around US Letter paper.

02 Round all four corners to a 1/2 in radius and sand the edges so they cannot cut the elastic.

03 Lay a US Letter sheet 8 1/2 × 11 in on A, centered at X = 3/4–9 1/4, Y = 1–12 in.

04 Mark band centerlines across the width at Y = 1 and 12 in, keeping the central writing field clear.

05 Measure the wrap around the board at one band position: nominal 20 1/2 in including two 1/4 in edges, before stretch.

06 Cut two elastic strips initially 20 in long. Overlap each pair of ends by 1 in to form a 19 in loop; test before sewing.

Complete the assembly

WS-012 Component dimensions

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



10 × 13 in

A Writing board QTY 1

10 in / 254.0 mm × 13 in / 330.2 mm

thickness 1/4 in / 6.3 mm

3/4 × 20 in

B Elastic retention bands QTY 2

3/4 in / 19.0 mm × 20 in / 508.0 mm cut blank

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

07 Fit the unsewn pinned loop around the board only while the board is on a bench; remove the pin before putting a hand near it. Shorten only if the measured elastic remains easy to slide.

08 Sew each 1 in overlap with a box and two diagonals, using suitable strong thread. Remove every pin and inspect both seams.

09 Slide bands to their marked positions and load a paper sheet. Check that it can be replaced without pulling apart an elastic seam.

10 Write on a trial sheet with the board supported. Label the board for dry indoor/covered use and remove wet paper promptly.

Acceptance and intermediate checks

Paper is centered with 3/4 in side margins.

Bands retain the sheet and slide without cracking the board or hurting fingers.

Both overlap seams are complete, with no pin or needle remaining.

Cleaning and maintenance

Remove paper before wiping.

Replace stretched or frayed elastic; dry board promptly if damp.