WS-029 Buttoned hand-towel retaining tab

Keep one ordinary hand towel on an existing smooth rail using a sewn removable tab.

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 safety rail, hanging loop for heavy objects or a child-accessible toy.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Tab blank	1	3 × 10 in 76.2 × 254 mm	Prewashed firm washable cotton; measure after drying. Cut blank before seams or fitting.
B Reinforcement patches	2	2 × 2 in 50.8 × 50.8 mm	Prewashed firm washable cotton; measure after drying. Cut blank before seams or fitting.

Hardware and consumables

1 × 3/4 in sew-through button. Fit the actual buttonhole.

1 × Strong thread. Button and reinforcement.

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

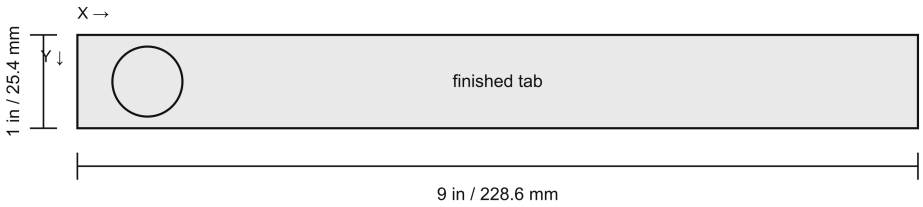
Context references; not design endorsements or certifications.

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Assembly and first checks

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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 Use a towel rail already installed securely. This tab holds only the towel and is not a grab handle or child restraint.

02 Cut A 3 × 10 in and two B patches 2 × 2 in from firm prewashed cotton.

03 Fold A lengthwise right sides together; sew a 1/2 in long seam, creating a tube about 1 in wide.

04 Turn the tube right side out. Turn each end inward 1/2 in and stitch closed; finished tab length is about 9 in.

05 Fold and stitch the raw edges of each B patch inward 1/4 in, giving patches about 1 1/2 in square.

06 Sew the two patches on opposite faces of the towel at its upper midpoint, with their edges at least 1/2 in from the towel hem.

Complete the assembly

WS-029 Component dimensions

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



3 × 10 in

A Tab blank QTY 1

3 in / 76.2 mm × 10 in / 254.0 mm cut blank



2 × 2 in

B Reinforcement patches QTY 2

2 in / 50.8 mm × 2 in / 50.8 mm cut blank

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

07 Overlap one tab end 1 in on the outer patch and sew a box with two diagonals through the patch/towel assembly.

08 Sew one 3/4 in button near the attached end, clear of the box seam. Make and hand-finish a matching buttonhole 3/4 in from the free tab end; fit the actual button.

09 Loop the tab around the smooth rail and button it without pulling a long loop. Test easy removal and confirm the towel hangs clear of heat.

10 Remove and account for pins and spare buttons. Check button attachment each time the towel is washed.

Acceptance and intermediate checks

Tab finished about 1 × 9 in.

Two opposite reinforcement patches prevent a single-layer pull on terry cloth.

Button opens by hand; all stitching remains secure.

Cleaning and maintenance

Unbutton before washing.

Restitch a loose button promptly.