WS-060 Smooth hand-laundry stirring paddle

Move small fabric items in a separate wash basin without a powered agitator.

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

No disinfection, detergent-mixing, scald-protection or stain-removal guarantee.

Materials and finished cuts

Part	Qty	Size to cut	Material and detail
A Paddle blank	1	18 × 3 × 3/4 in 457.2 × 76.2 × 19.05 mm	Clear solid hard maple, straight grain along the listed length. Measured actual thickness 3/4 in.

Tools

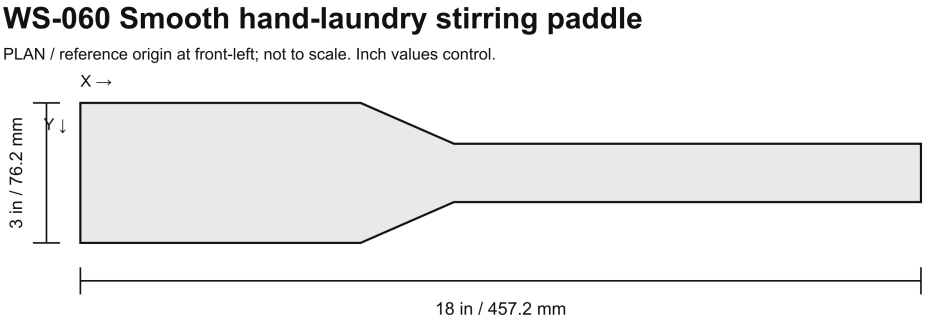
Rule with fractional inches; Pencil or appropriate material marker; Reliable square; Saw suited to the specified stock; Clamps; Abrasive and dust-removal brush; Hand rasp

Primary context and design record

Context references; not design endorsements or certifications.

WS-S01 · Hand and Power Tools · OSHA

Assembly and first checks



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 straight sound untreated hardwood suitable for repeated wet household contact. This paddle is for laundry, never food.

02 Cut A 18 × 3 × 3/4 in and mark its long centerline.

03 From X = 0–6 in retain a 3 in-wide blade. From X = 8–18 in mark a centered 1 1/4 in-wide handle, with a smooth 2 in transition between them.

04 Draw a 1 1/2 in-radius rounded blade end and a 5/8 in-radius rounded handle end, avoiding a sharp point.

05 Clamp the blank and saw outside the shape with a hand saw; reposition clamps rather than holding close to the cut.

06 Rasp and sand the transition smoothly, keeping the handle full thickness and no narrow neck.

Complete the assembly

WS-060 Component dimensions

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



18 × 3 in

A Paddle blank QTY 1

18 in / 457.2 mm × 3 in / 76.2 mm

thickness 3/4 in / 19.0 mm

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

07 Round all wet-contact edges to about 1/8 in radius and remove dust. Do not apply a finish that can transfer to wash water.

08 Label LAUNDRY ONLY on the handle away from the water-contact zone. Use a separate basin with cool or comfortably warm water.

09 Move the paddle slowly with both hands clear of the basin rim; do not plunge forcefully or splash chemicals. Follow detergent instructions independently.

10 Rinse and hang or stand to air-dry away from heat. Inspect for splinters before each use.

Acceptance and intermediate checks

Overall 18 in; handle 1 1/4 in wide over its 10 in straight section.

Transition remains at least full 3/4 in thick with rounded edges.

No sharp edge snags a test cloth.

Cleaning and maintenance

Rinse after use and dry fully.

Replace splintered, cracked or contaminated wood.