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Hand Jointer

Small-scale jointing work is too small to accurately work with a hand plane and much too dangerous to attempt on a power jointer. With this jig, a small workpiece can safely be brought to a stationary planing surface (shoulder plane) and guided by a fence. The panel is configured to accept the Veritas[®] shoulder planes (medium or

large; not included).

Knob Preparation

To allow the plane to be securely attached to the panel without the screw protruding beyond the back (especially important when using flat on a bench), the set screw needs to be adjusted so it extends 1/2" beyond the jam nut for use with the medium shoulder plane, and 1" beyond the jam nut for use with the large shoulder plane. Position the jam nut on the set screw, then bring the knob up to it and tighten.

Hand Jointer Set-Up

The hand jointer can be used vertically (clamped in a bench vise) or horizontally (clamped to a bench top). It can also be configured for righthand or left-hand use.

Shoulder Plane Installation

Position the shoulder plane on the panel to achieve the desired configuration. A stop pin, consisting of a nylon spacer and a screw, prevents the plane from shifting during use. Fasten this stop in the appropriate threaded insert at the front of the plane. Then screw the clamping knob into the threaded insert in the panel that is in line with the large through hole in the plane body. Tighten the clamping knob down snug to secure the plane in position.

Blade Storage

The panel includes a blade storage pocket with magnet that allows you to stow a separate blade (e.g., a higher-angle blade dedicated to jointing figured wood) with the hand jointer when not in use.



Figure 1: Knob set-up.



Figure 2: Hand jointer set-up.



Figure 3: Blade storage pocket.