



# MODEL T10264/T10268/ T10274/T10275/T27162 HAND PLANE INSTRUCTIONS

## Introduction

The wood hand plane is a simple tool that is designed to shape wood or clean up edges for joinery.

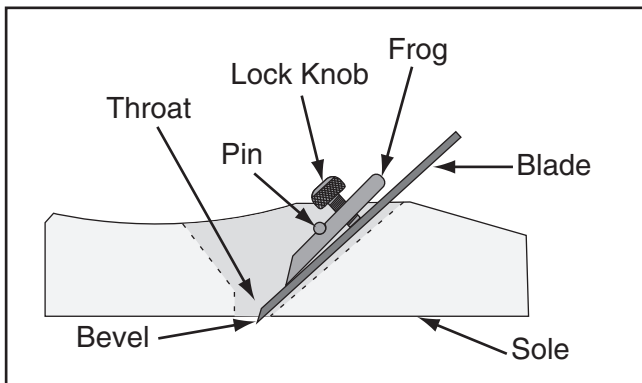
Your hand plane features a hardwood body, a steel blade (also called an iron) and a brass frog with a knurled lock knob for locking the blade in place. To achieve the best results when using your specific type of hand plane, we recommend reading books and magazines, and researching the internet.

## Inventory

- A. Plane ..... 1
- B. Blade ..... 1
- C. Frog ..... 1

## Setting the Blade

1. Insert the frog beveled-edge down into the throat until it stops on its own or until the groove in the top of the frog engages the pin, as shown in **Figure 1**.



**Figure 1.** Example of blade secured with frog and lock knob.

2. Orient the bevel of the blade for the type of planing you intend, insert the blade below the frog, then set the blade below the sole of the plane (see **Figure 1**) for the initial cut.
3. Tighten the knurled lock knob to secure the blade.
4. Verify that the blade is parallel with the sole—so an even amount of the blade protrudes from one side to the other.

—If the blade is not parallel to the sole, loosen the lock knob and adjust the blade as needed. One side will cut more than the other if the blade is not parallel to the sole.

## **⚠**WARNING

To reduce the risk of injury when using this tool:

- Use care when handling the plane blade. It is sharp and can cause lacerations.
- Protect your eyes from flying chips by wearing safety glasses.
- Make sure the workpiece is properly secured.
- Use both hands to guide the plane over the workpiece.
- Keep the plane away from children.

## Operation

1. Secure the workpiece to prevent it from moving.
2. Position the sole on the workpiece, being mindful of the grain orientation and stroke type (push or pull) you plan to make.
3. Set the blade depth to remove a minimal amount of material, make a few cuts, then adjust the blade based on your results.

## Troubleshooting

- If the tool chatters, reduce the depth of cut, or try skewing the blade angle.
- If the throat clogs with shavings, reduce the depth of cut, or clear larger shavings after each stroke is complete.
- If one side of the blade digs into the workpiece more than the other, adjust the blade so it is parallel to the sole.

## Maintenance

- Sharpen the blade bevel when it becomes noticeably difficult to push or pull the plane, or when it produces excessive chatter. To learn how to sharpen the blade, refer to books, magazines, or additional resources on the internet.
- Before storing the plane, remove the blade, wipe it down with an oily cloth, and store it in a dry place to prevent rusting.
- Store the plane in a place where it is not exposed to direct sunlight or extremely dry or wet air.

*If you need help with your plane, call our Tech Support at: (570) 546-9663.*

## Accessories

### Replacement Blades for Grizzly Hand Planes

Model T23169 for Model T10264

Model T23173 for Model T10268

Model T23177 for Model T10274

Model T23178 for Model T10275/T27162

**Call 1-800-523-4777 To Order**

## G1482—Honing Guide

Accurate bevels are easily achieved using this honing guide. Very easy to use and a must for any chisel owner. It can also be used for plane irons up to 2<sup>5</sup>/<sub>8</sub>" wide and chisels up to 1<sup>5</sup>/<sub>8</sub>" wide. If you've tried sharpening blades by hand then you know that this is one tool you must have!



**Figure 2.** G1482 Honing Guide.

## H2927—3 Pc. Diamond Whetstone Set

Includes extra fine, fine, and coarse grades. Quick, easy and effortless sharpening. No oil lubrication needed. Only requires water. Extremely durable.



**Figure 3.** H2927 3-Pc. Diamond Whetstone Set.

## Japanese Waterstones

To achieve a surgically sharp edge on your tools, nothing works faster or better than Japanese water stones. The abrasive slurry produced on top of the stone cuts aggressively and polishes the blade as it sharpens.

**G3295:** 8<sup>1</sup>/<sub>8</sub>" L x 2<sup>1</sup>/<sub>2</sub>" W x 1<sup>3</sup>/<sub>8</sub>" T, Grit: 800

**G3296:** 8<sup>1</sup>/<sub>8</sub>" L x 2<sup>1</sup>/<sub>2</sub>" W x 1<sup>3</sup>/<sub>8</sub>" T, Grit: 1000

**G3297:** 8<sup>1</sup>/<sub>8</sub>" L x 2<sup>1</sup>/<sub>2</sub>" W x 1<sup>3</sup>/<sub>8</sub>" T, Grit: 1200

**G3298:** 8<sup>1</sup>/<sub>8</sub>" L x 2<sup>7</sup>/<sub>8</sub>" W x 7<sup>8</sup>/<sub>8</sub>" T, Grit: 6000

## G3920—Stone Holder

Rubber body keeps sharpening stones from sliding around the benchtop during honing. Adjusts from 5<sup>1</sup>/<sub>2</sub>" to 9". Stone not included.

