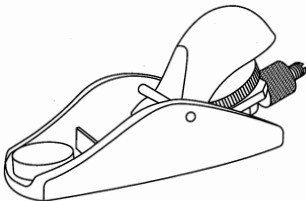


JORGENSEN®

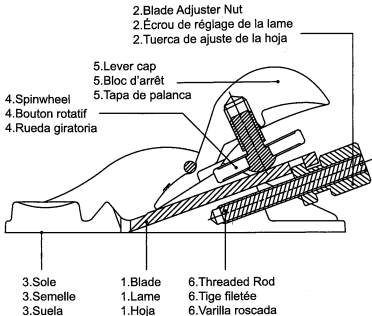
#70700



NO. 102 LOW ANGLE BLOCK PLANE

RABOT À ANGLE TRÈS AIGU N° 102

N.º 102 GARLOPA DE CONTRAFIBRA DE ÁNGULO BAJO



IMPORTANT : Please read the instructions in this booklet thoroughly before use. Understanding how this machine works and setting it correctly is fundamental to obtaining a satisfactory result.

IMPORTANT : Veuillez lire attentivement les instructions de cette notice avant d'utiliser le produit. Comprendre comment fonctionne et se règle cette machine est crucial pour obtenir des résultats satisfaisants.

IMPORTANTE : Lea atentamente las instrucciones de este folleto antes de su uso. Entender el funcionamiento de esta máquina y configurarla correctamente es fundamental para obtener un resultado satisfactorio.

SPECIFICATIONS

- Plane body 3-1/2" long x 1-1/4" wide
- Blade is 7/8" wide x 1/8" thick
- Blade is bedded at 20° for fine cuts and end grain
- Weight 7oz.

Low Angle Block Plane

Our No. 102 Low Angle Block Plane is fashioned in such a pleasing shape that it will rapidly become one of the most used tools in your shop. The mouth of the plane is made to take a maximum 0.008 - 0.010" cut, which is suitable for most woodworking. Like our other block planes, the blade(1) is adjusted with a captive adjuster nut(2) for precise control with minimal backlash. Based on the classic design, this

small plane fits perfectly in the hand and slips easily into the pocket.

The blade is 1/8" thick for chatter-free cuts and the unobtrusive stainless steel adjuster offers blade control of micrometer ease and precision with minimum backlash.

Geometry: The blade is flat ground at 25° and sits bevel up in the body at 20°, making the cutting angle 45°. The low angle makes it an excellent choice for end grain.

This tool is set up to take thin shavings (0.008 - 0.010"). A tool with a large mouth will not perform as well on finish cuts. If you need a heavier cut, the tool can be easily modified by filing a chamfer on the leading edge of the mouth to allow a bigger shaving to pass.

Blade Sharpening: The blade comes ready to use but honing a secondary bevel of 5° will increase performance, help achieve a razor edge quickly, and improve edge life in hardwoods.

Blade Adjustment: Hold the tool in one hand with your fingers supporting the sole(3) and your thumb on the cap iron just in front of the screw. Loosen the spinwheel(4) and, with your thumb still holding the blade and lever cap(5), adjust the blade. Tighten the spinwheel. **Do not overtighten.** You should be able to adjust the blade after loosening the spinwheel about ¼ turn.

Materials:

- The body is cast from Ductile Iron, a very strong alloy that can withstand heavy use. These castings are fully stress-relieved, a process that removes

inherent stresses and ensures that the tool will remain flat and true.

- The blade is pro level O1 Tool Steel hardened to Rockwell 60-64, with a very fine edge for a long time. The blade is fully surface-ground on the top, back, and cutting edge, giving a smooth, flat surface. The 1/8" thickness provides solid chatter-free cutting.

- The cap is Zinc alloy; other parts are stainless steel.

Maintenance: The body casting is lapped dead flat. Occasional hand lapping with fine wet/dry sandpaper (320 grit or higher) on a flat surface will help remove dings and keep well maintained.

A light oiling on the threaded rod(6), adjuster nut(2), and spinwheel(4) will keep them moving freely. The

blade should be kept lightly oiled to prevent rust, especially when the tool is not in use. We recommend Jojoba Oil, a plant-based oil product that is non-toxic, odor-free and easy to use. We also recommend a fine abrasive hand block to remove any light surface oxide from tool bodies and blades.

Guarantee: Materials and workmanship are guaranteed for the life of your tool.



INSTRUCTIONS
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ponyjorgensen.com

Pony | Jorgensen
271 Mayhill Street
Saddle Brook, NJ 07663 USA

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