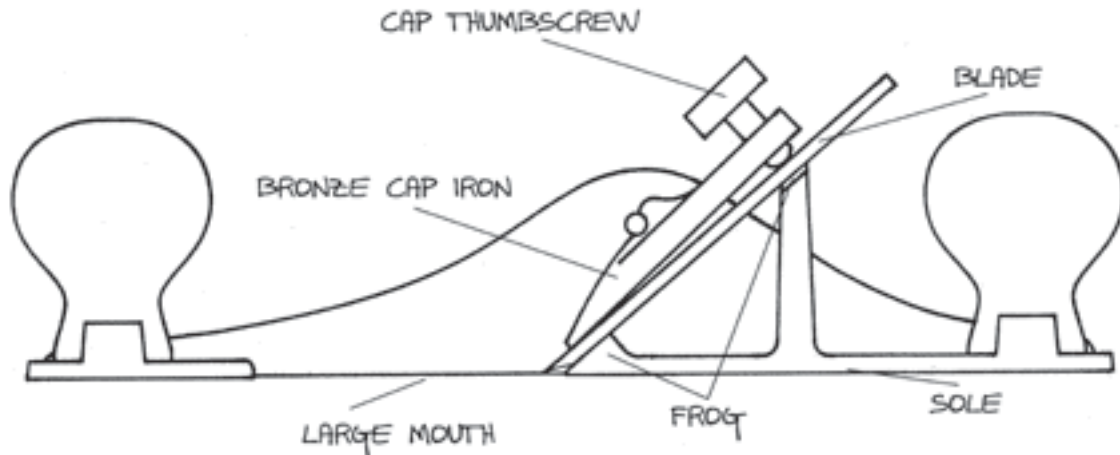


Lie-Nielsen Toolworks Product - Use and Care Instructions

Butt Mortise Plane



The Butt Mortise Plane will help you prepare and hang doors in a fraction of the time required to set up a router and template. This tool is easy to use and will make precise mortises with sharply square corners to an accurate, uniform depth. This plane is also useful for installation of hardware, such as hinges, lockfronts and strike plates, as well as mortising dutchmen to repair flaws in jambs, furniture and doors. This tool does a job no other plane can do.

A Scrub Blade is also available for rapid planing when large amounts of stock need to be removed, such as backplaning trim to fit an uneven wall surface.

Blade Sharpening: The blade comes ready to use. Slight additional honing will increase performance. We often recommend a secondary bevel of 1° or 2° . This is most easily accomplished with a good honing jig. The secondary bevel will improve performance, especially in hard woods. Further modifications of the bevel angles can be made to suit your style and the work.

Materials: The body is cast from Ductile Iron, a virtually unbreakable alloy. It is 9-5/8" long and 1-1/2" wide. The blade is 3/4" wide. The castings are fully stress-relieved, a process that removes inherent stresses and ensures that the tool will remain flat and true. The cap is Manganese Bronze. Other parts are Brass, Steel and Cherry.

The blade is A-2 Tool Steel hardened to Rockwell 60-62, cryogenically treated and double tempered. Our heat treating technique ensures that the blade will take and hold a very fine edge for a long time. After heat treating, the blade is fully surface ground on the top, back, and cutting edge, giving a smooth, flat surface that will take a mirror finish very quickly. Wood parts are finished with wiping varnish.

Maintenance: Protect the body and blade from rust with a light oil.