



TROW & HOLDEN

GUIDE TO HAMMERS



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Trow & Holden has been making stoneworking hammers for over 100 years. Located in the heart of granite country, Trow & Holden has had access to the perfect testing ground for our hammer designs, so the use and design of the hammers has evolved until they are perfectly suited for their purpose.

Some of our hammers have very specific functions, others are more versatile. To ensure your safety as well as the long life of your hammer, please note that some of the hammers are intended to be swung or to be hit by other hammers, some are intended to be set in place and then hit, and some are intended to hit other hammers but not to come into direct contact with the stone.

Our hammers are specifically hardened and tempered according to their function so as to be compatible with our other tools. For example, a hammer head which is to be either struck by another hammer or used to strike another hammer will tend to swell out or “mushroom” with continued use. This is normal and assures you that your hammer is performing in a safe and predictable manner. The mushrooming should be trimmed frequently, rather than removing a large amount at one grinding. You can do this yourself with a steel grinding wheel, or you can return the hammer to us for trimming. A hammers’s cutting blade should also be ground

frequently to remain as sharp as when received. This not only ensures the tool's performance but also will add to the life of the hammer. Hammers should be checked frequently for any signs of chipping, cracking or unusual wear to make sure they are in safe working condition. **DO NOT USE THE HAMMER IF THERE IS ANY QUESTION ABOUT ITS CONDITION OR PERFORMANCE.** Call the factory immediately with any questions you might have about use and maintenance of your hammer.

In order to ensure the correct proportions of hardness to tempering in your hammers, we recommend that you use a Trow & Holden Hand Hammer when striking another Trow & Holden tool.

Check your hammer handle occasionally to make sure it is sound and fits snugly into the hammer. If you need to tighten up a wooden handle, either insert another wedge into the end of the handle, or immerse the hammer head into a bucket of water overnight to expand the wood. This may cause some harmless rusting to occur. You can also return it to Trow & Holden and we will repair or replace the handle as needed. Break resistant fiberglass handles are available for all our hammer styles and sizes.

Remember, **ALWAYS WEAR EYE PROTECTION** when using Trow & Holden tools.



SOLID TOOTH BUSH HAMMER: This hammer is used for shaping, texturing, or smoothing softer stones (eg. limestone or marble). To shape or remove stone, use more impact. With lighter impact, it will level and smooth the stone, leaving a stippled finish.



CUTTER'S HAND HAMMER: Use this hardened and tempered hammer for hitting Hand Tools such as Sets and Tracers, or Wedges and Shims. Do not use hand hammers to hit stone.



BULL SET/CARBIDE BULL SET: This hammer is for roughing out or shaping large blocks of stone. The flat blade end actually provides 2 cutting edges. Using the hammer correctly requires 2 people as follows: ► One person holds the Bull Set in place along the edge of the stone. The hammer should be tipped slightly off-center so that the cutting edge is in full contact with the stone. ► The other person then hits it with the striking hammer. This technique is repeated until the shaping is complete. ► When one



cutting edge becomes dull, remove the handle and turn the hammer over to use the other blade edge. This hammer is not meant to be swung. The **CARBIDE-TIPPED BULL SET** is used the same way, except that it must be used on a sawed or polished block of stone, as the carbide is more vulnerable to breaking if it is placed on an uneven surface. The advantage of carbide is that it lasts longer, requires less maintenance and never needs retempering.



SLAB SPLITTER: This hammer, like the Bull Set, also requires 2 people but is used most often to split stone rather than to trim off edges. It should be held perpendicular to the surface with the blade in as full contact with the stone as possible. Create a line for the hammer blade to follow by using a hand chisel or tracer to score the stone surface. Strike repeatedly, following the line back & forth.



STRIKING HAMMER: Heavier than a Cutters Hand Hammer, this hammer is used to strike other hammers or wedges and shims. It is not intended to strike stone. For best results, the Striking Hammer should be approximately the same weight as the hammer it is striking.



STONE MASONS or MASH HAMMER: These hammers are made to be swung and must be used for striking stone only - they should not be used to hit another hammer or hand tool, nor should they be struck with another hammer. One end of this hammer is a splitting blade for breaking stone, the other end is trimming hammer (see Trimming Hammers below).



TRIMMING HAMMERS: These hammers come in a variety of styles and weights. They are used to split, trim stone to size and to square edges. Some have two trimming faces and some have a splitting blade and a trimming end. These hammers are made to be swung and must be used for

striking stone only — they should not be used to hit another hammer or hand tool, nor should they be struck with another hammer.



STONE BUSTER: can be used in three ways: ▶ Swing the hammer to break stone with the carbide blade end ▶ Swing the hammer to strike a hand tool with the striking end ▶ Strike the hammer with another hammer while the carbide blade is set in place. The hammer is provided with either a vertical or horizontal blade. The **Quarry Buster** is a heavier version of this hammer and is used the same way.



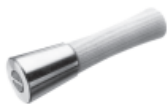
HAMMER SET: can also be used in same three ways as the Stone Buster (see above). However, the Hammer Set is used for pitching or trimming edges rather than splitting. It comes with either a vertical or horizontal carbide-tipped blade.



DOUBLE-BLADE MASON'S HAMMER: features heavy-duty carbide-tipped splitting blades with both a vertical and horizontal blade in one hammer.



CARBIDE-TIPPED HAMMER POINT: can be swung like a hammer or held in place and struck with another hammer. Use it to rough out and remove high spots just as you would with a hand point. A strong fiberglass handle is included.



ROUND HAND HAMMER: Our new mallet-shaped Round Hand hammer, like our Cutter's Hand Hammer, is hardened for more power and better wear. Round striking surface makes it easier to deliver a solid blow. Includes 6" hardwood handle.



SOFTSTONE HAMMER: These annealed (or soft) hammers produce a lighter blow, which can provide more control when working in softer stone. Excellent for lettering and detailing work, these soft hammers are also less likely to bruise the stone. Includes 6" hardwood handle.



ROCK PICK: We are now proud to offer Vaughn® hammers in 16 oz. and 24 oz. sizes with a carbide chisel blade and steel striking head, carbide stone trimming head or carbide bushing head. Remember, never strike steel with a carbide head. Wood handle included.



CARBIDE TRIMMING HAMMERS: Two of our most popular hammers are now available with carbide on all edges, so you can use them longer with less regrinding. When the edges eventually dull, turn it over on the handle for 2 more fresh edges. It works equally well for right or left hand use. Resharpening is easy on small grinders with 6" or 8" diameter silicon carbide wheels. These hammers are for striking stone only



QUARRY BUSTER: Back by popular demand, our Quarry Buster now boasts a new heavy-duty carbide blade. Like our smaller Stone Buster, the Quarry Buster can be swung to deliver a powerful splitting blow. The blade can also be placed on the stone and the Quarry Buster struck by another hammer, or the striking head can be used to strike another hammer or stone. Handle sold separately.



THE STINGER: Our newest small hammer has carbide on both ends making it suitable for shaping on any type of stone. It features a point on one end and a chisel blade on the other for quick and easy pointing, chiseling and splitting. It weighs 2 pounds and is available with either a vertical or horizontal chisel end. Handle sold separately. Use on stone only.

TROW AND HOLDEN CO. HAMMER GUARANTEE POLICY

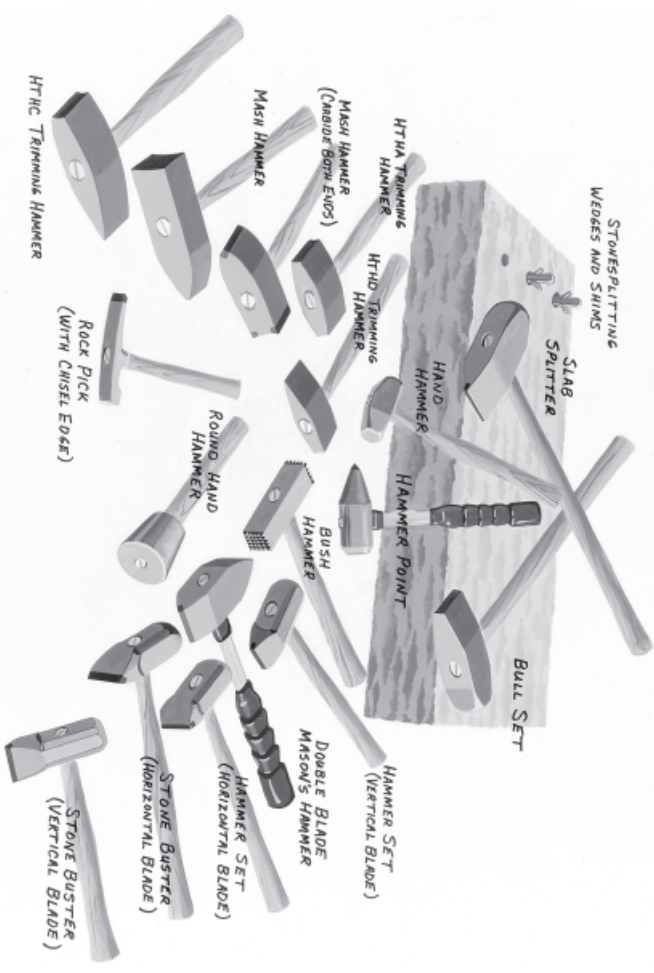
Trow and Holden Co. hammers are unconditionally guaranteed against defects in manufacturing or materials. Damage resulting from mishandling or failure to correctly maintain the tool may not be covered under this guarantee. These conditions include:

- Failure to grind the striking head and sharpen the blade as needed;
- Dipping a carbide-tipped hammer into water or oil to cool it during sharpening;
- Using a hammer to perform a task for which it was not intended.

We will do our best to make sure you have the information you need to choose the right tool for the job. Please refer to the following literature for assistance in how to select, use and care for your Trow and Holden tools.

- *Trow and Holden Co. Product Catalog #23*
- *Pneumatic Tool Owners Manual*
- *Diamond Blade Safety Guide*
- *Do's and Don'ts*

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STONE SPLITTING
WEDGES AND SHIMS

SLAG
SPLITTER

BULL SET

HAND
HAMMER

HAMMER POINT

BUSH
HAMMER

HAMMER SET
(VERTICAL BLADE)

DOUBLE BLADE
MASON'S HAMMER

HAMMER SET
(HORIZONTAL BLADE)

STONE BUSTER
(HORIZONTAL BLADE)

STONE BUSTER
(VERTICAL BLADE)

ROUND HAND
HAMMER

ROCK PICK
(WITH CHISEL EDGE)

MASH
HAMMER

MASH HAMMER
(NARROW BOTH ENDS)

HTHA TRIMMING
HAMMER

HTHD TRIMMING
HAMMER

HTHC TRIMMING
HAMMER