

U-MARQ 12" Guillotine for Trophy Metals, Jewellers Brass and Plastics

Specification

Bronze Bushings

Five oil impregnated bronze bushings have been added to reinforce pivot points and extend the usable life of the shear. The bushings take the abuse and protect the parts of the shear. When the bushings wear, they are inexpensive and easy to replace.

Improved Drop-Off Gauge

Most drop-off gauges are set by tightening a thumb screw or bolt on a rod. When this is done, it makes a mark on the rod. Eventually there are so many marks on the rod that they interfere with the adjustment of the drop-off gauge. The **Guillotines** new drop-off gauge pinches the rod when it is tightened. There is no mark, and the drop-off gauge remains infinitely adjustable. The drop-off gauge is shown to the right, and it also shown mounted on the shear in the right picture at the top of the page.

Reduced Effort

The operating geometry has been modified and bronze bushings added to improve its leverage. The result is a 35% reduction in the effort required to operate the shear. The improvement is noticeable regardless of the material being cut, and it is particularly dramatic when cutting hard materials like engravers brass and brass plated steel.

“Blade Stabilizer”®

A blade stabilizer or brace has been developed and added to the upper blade holder to improve the ability to shave or trim harder materials like brass plated steel.

Step Ruler

The typical ruler is a stamped piece of thin metal. The ruler is machined from a solid piece of steel. There are six steps involved in its manufacture with the last being a precision grinding of the front edge to insure that the ruler is straight and true. Because of its thickness, it is very stable, and the edge will not lift or distort allowing material to slide underneath the ruler. Lastly, the ruler is stepped to place the measuring edge close to the work surface for easier reading. The ruler is graduated in 1/16th's of an inch.

Glide Block

There is a 2.5" square block on The **Guillotine** and similar shears that is the connection between the handle and the upper blade holder. It has a slot in it. Every time the handle is moved, a pin moves in the slot. The slot is under great pressure and subject to wear, particularly if it is not lubricated regularly. Originally it was made from aluminium, but this has been changed it to steel several years ago to improve the durability of the shear. Now oil impregnated bronze bushing has been added for even greater durability.

Curved Power Blades

The **Curved Power Blade** represents a substantial performance improvement for the scissors type shear. The new blade with its graceful curve replaces the old style, straight edge blade. The new blade improves both the quality of the cut and ease of operation of the 2001 Shear. The **Curved Power Blades** are available for cutting metal or plastic.

Shear Capacity:

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|---------------------------|-----------------|
| • Aluminium..... | 1.00 mm (040") |
| • Brass..... | 0.63 mm (025") |
| • Flexible Plastic..... | 3.00 mm (0125") |
| • Brass Plated Steel..... | 0.50 mm (020") |

Size & Weight:

- Size: 23"L x 15"W x 8"H
- Weight: Approximately 25 lbs.