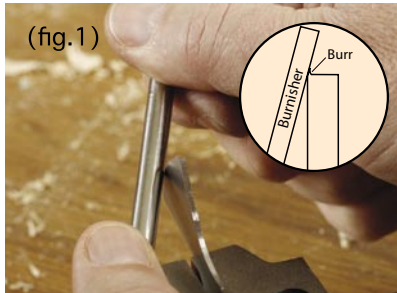


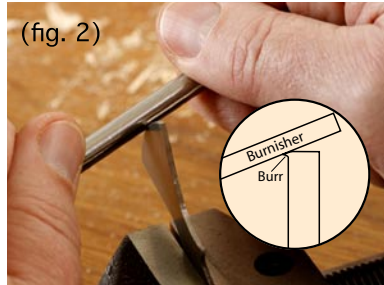
# How to keep your Carving Scrapers sharp.

Your carving scrapers have been ground square from the factory. They will cut adequately right from the package. However, their surface finish can be improved with the aid of a burnisher. A burnisher is a polished and hardened steel rod, which are available from most woodworking stores. It is used to roll a smooth burr, which becomes the cutting edge. This type of burr will create a more scratch-free finish.

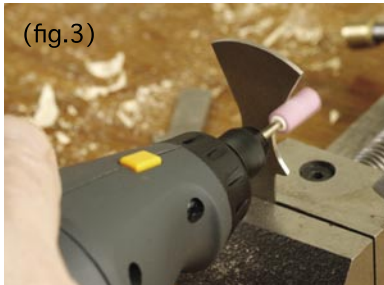
To roll the burr you will have to pull the burnisher across the edge at two different angles. Clamp



the scraper in a vise, as it will take some pressure to accomplish this. First pull it at an acute angle to the face of the scraper leaving the burr standing (fig.1). This polishes only one side of the burr. Next pull the burnisher at an obtuse angle to the face of the scraper. This will roll the burr into its final cutting angle while polishing the other side of the burr (fig. 2).

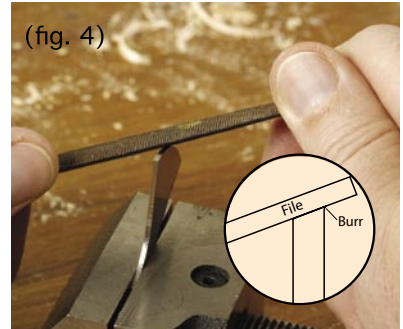


Perform this operation on both sides to allow it to cut in from either direction.



As the burr wears away from use, the edge can be reground using a rotary stone, keeping the stone 90° to the edge (fig.3). A finer grit stone will make a sharper cutting edge. Once reground, repeat the burnishing operation.

## Alternative sharpening method



This method can be a quick and effective sharpening procedure. It will create an aggressive cutting edge on only one side of the scraper. Although aggressive, the finish it creates will not be as smooth.

To perform this, clamp the scraper into a vise. Use a fine metal file to create a relief angle on the cutting edge (fig. 4). The file will create a burr once enough steel is removed. To sharpen, simply repeat filing the edge.