

# GLASS SCALLOPING INSTRUCTIONS

Glass scallopers create a smooth, brilliant scalloped edge on flat glass. Scalloped edges are easy to make with a simple hand tool and a little practice. No polishing is needed. If you can cut glass, you can scallop it.

## RULES FOR SUCCESS

### THE GLASS EDGES ARE SQUARE

The edge must be square and vertical. Do not round or polish the cut edges. The point of the tool bit must be able to catch on the raw square edge. You can remove flares with a glass grinder or a diamond pad if you keep the edge square.

### THE BIT EXTENDS $\frac{1}{32}$ " FROM THE TOOL

The point of the bit must extend about  $\frac{1}{32}$ " (0.8 mm) beyond the body of the scalloper. Use the top two thumb screws to adjust it. Use a standard plastic credit card as your depth gauge. If the bar is not set to the correct extension, either the glass won't chip or the chips will have an irregular, uncontrolled halo.

### THE HEIGHT SCREW HOLDS THE GLASS $12^{\circ}$ TO $15^{\circ}$ ABOVE THE LINE OF THE TOOL

When the glass is caught under the bit and resting on the height screw, the glass must slant towards the tool at an angle of **12 – 15 degrees**. Raise the height adjustment screw for thin glass and lower it for thick glass. Tighten both nuts on the height screw to secure it. *See the photo and diagram below.*

### HOLD THE GLASS SQUARE TO THE TOOL

Before you make each chip, make sure you are holding the tool at right angles to the glass. This gives maximum exposure to the bit and insures consistent chipping. Check the angle before each chip. The chip forms on the underside of the glass.

### USE A FIRM, LIGHT SNAP

Use a firm, sharp, downward motion to chip the glass. Start out with a light pressure and increase it. You do not need a lot of force. The action is exactly the same action you use to break a score on double strength window glass by hand.

### TO SCALLOP SMALLER PIECES

Clamp the scalloping tool in a bench vice.

Hold the glass in both hands. This gives you increased control and you do not have to worry about the glass falling off the bench.

Practice scalloping with the scalloper clamped in a vise to get a feel for the process.

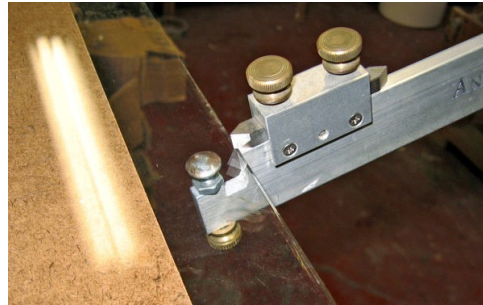


## TO SCALLOP LARGE SHEETS

Place the glass flat on the bench. Let the edge of the glass project over the edge of the bench just enough to let the scalloper move freely.

Hold the glass flat to the bench with one hand and manipulate the scalloper with the other. Remember to hold the tool at right angles to the glass.

Take the time to align the glass with the tool before each chip.



## NOTES

- ❖ The chipped out pieces are **VERY SHARP**. Clean and sweep up carefully.
- ❖ **Important.** Glass can have invisible, internal stresses that cause it to break unexpectedly. Always scallop your piece first before you invest time and effort decorating it.
- ❖ Our scalloper works best on  $\frac{1}{8}$ " to  $\frac{1}{4}$ " glass. The chips on  $\frac{1}{8}$ " glass are about  $\frac{1}{2}$ " wide; on  $\frac{1}{4}$ " glass the chips are  $\frac{3}{8}$ " wide. Mark the glass with a felt tip marker before chipping for best results.
- ❖ When chipping a rectangular piece, chip the corners first and then fill in the line. Mistakes at the corners are very noticeable and the corners are more likely to break under the stress of chipping.
- ❖ You can scallop inside or outside curves. Just be sure to hold the glass square to the tool at *each point of contact*.

## SETTING THE ANGLE OF THE GLASS TO THE LINE OF THE TOOL

