

# Kelton Box Cutter

## Guide for Use

The Kelton Box Cutter is a scraper with a unique design and shape that helps the turner in making a straight walled box with a flat bottom.

Place the Box Cutter in a Kelton KH (or similar) handle with a 5/8" opening. Tighten the hex screws onto the flat, wide side of the tang. The set screws will force the tang against the side of the hole in the handle, holding it securely. Do not tighten the set screws onto the narrow edge of the tang!

Place the Box Cutter on the tool rest with the flat cutting edge towards the left and the curved edge to the right. Adjust the tool rest height so that the top cutting edge is at center height.

Roughing cuts are made by placing the tip of the Box Cutter at center and pulling it sideways toward the outside edge of the box. After the box has been completely hollowed, make final finish cuts by starting with the cutter tip at the rim of the box with the cutter parallel to the wall of the box. Push the cutter straight down the inside edge of the sidewall, taking a light smoothing cut. Several light cuts are best. When the cutter reaches the bottom of the box, push the cutter toward the center, cutting with the curved front edge. This will produce a crisp 90 degree corner at the bottom edge of the box.

### **Sharpening**

The Box Cutter is made with a special cutting laminate on the tip designed to give excellent burr- holding capabilities. The tip is sharpened by using upward strokes on the bevel of the tip with a slip stone or hard Arkansas stone. If you round over the edge with repeated honing, you can refresh the bevel on a grinder. Other than a very light hone to remove an old burr, do NOT sharpen the top surface of the cutter which contains the special laminate layer.