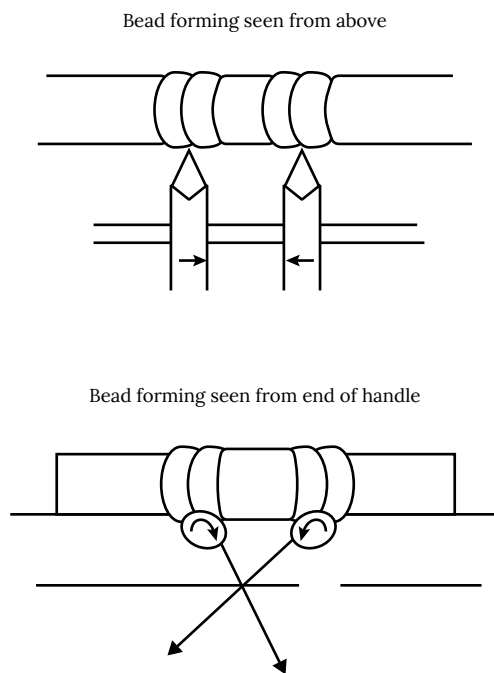


Instructions for the Crown H.S.S 3 Point Tool

The Crown H.S.S 3 Point Tool, overall length 10" (254mm), will help many turners from the sometimes long process of getting to grips with the Skew Chisel and also perform a number of other cuts e.g. Beads on faceplate or spindle work, planing, shoulder forming, and other operations without the fear of dig in.

BEADS

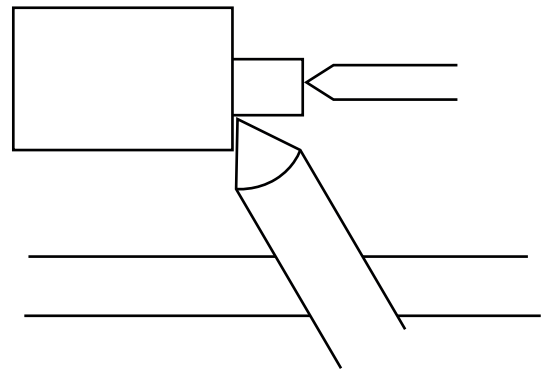


The tool rest set as for normal spindle turning so that the tool works just above the centre height.

One flat bevel uppermost and parallel to the bed bars, tool at 90 degrees to the lathe axis with the handle in line with shirt buttons. Push the tool forward to form a V cut with the point, move $\frac{3}{8}$ " (10mm) to the right and repeat V cut. Then begin to twist the handle to the left whilst at the same time gradually dropping the handle and swinging across the stomach to the left. Do not try to drag the edge over the work, but try to leave the point behind and for bigger beads change the pivot point on the rest and repeat passes as required.

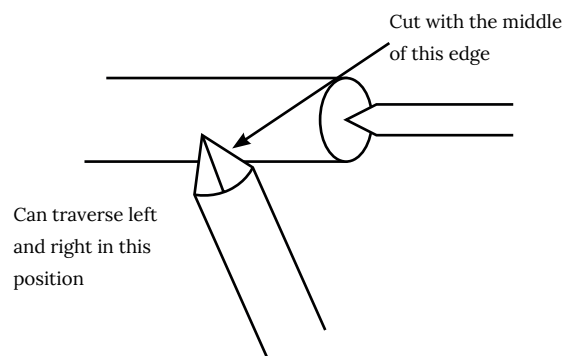
Next move to left hand V cut, twisting, dropping, and swinging the tool to the right.

END GRAIN PLANING AND SHOULDER FORMING



Use a top face almost horizontal, but tilted slightly to the left hand edge at 90 degrees to the lathe axis and then push towards the centre whilst gradually lifting the handle ideal for cutting shoulders or dressing the flat tops and bottoms of boxes.

PLANING



A planing cut is started with the handle well down and to the right whilst an edge is tilted to the right so that its mid point is in contact with the work. Keep the tool slanted as shown and the handle well down. The cutting is all done with the right edge. The left edge is raised a little off the work, but there is nothing to catch or dig in as the tool is rounded. The point is clear off the work and there is not back end to catch at all.

SHARPENING



Do not sharpen on a grindstone, but use a flat whetstone or diamond file to ensure faces are kept flat.