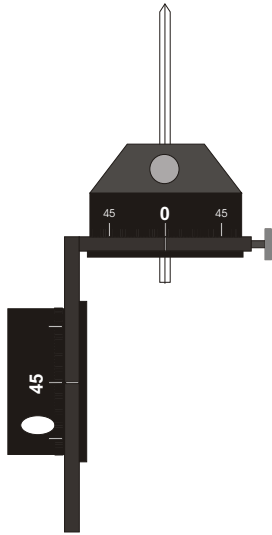
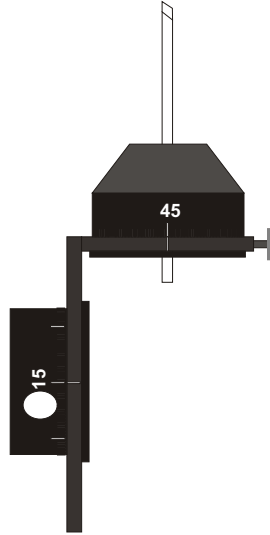


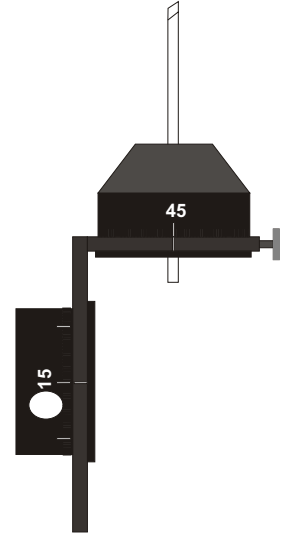
Square Graver Sharpening with the Dual Angle fixture



Face
600 grit



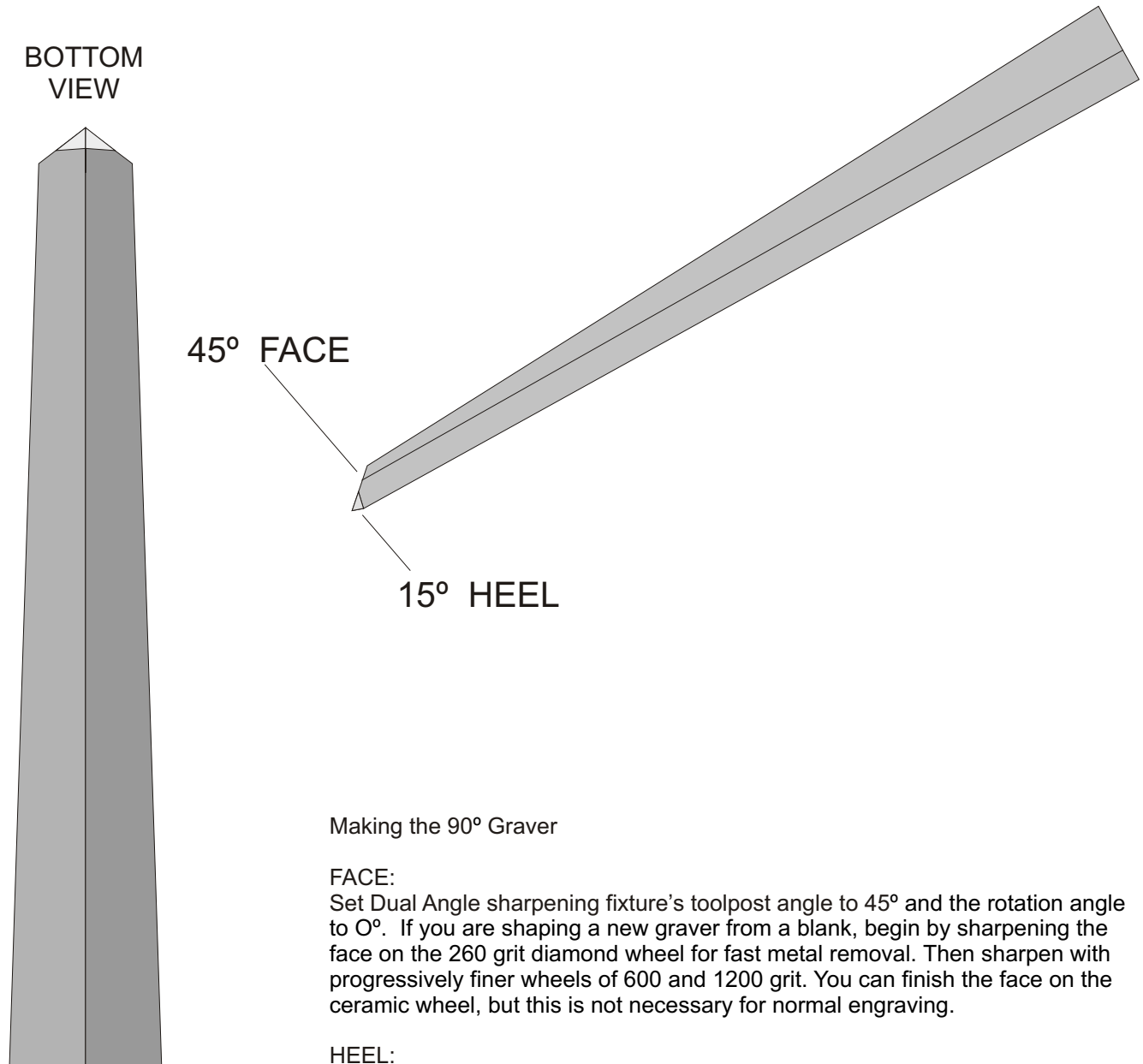
Right Heel
ceramic



Left Heel
ceramic



The 90° Square Graver



Making the 90° Graver

FACE:

Set Dual Angle sharpening fixture's toolpost angle to 45° and the rotation angle to 0°. If you are shaping a new graver from a blank, begin by sharpening the face on the 260 grit diamond wheel for fast metal removal. Then sharpen with progressively finer wheels of 600 and 1200 grit. You can finish the face on the ceramic wheel, but this is not necessary for normal engraving.

HEEL:

The graver should be mounted with the heel side down and the rotation angle to 45° and the toolpost angle to 15°. Sharpen on the ceramic wheel until a short heel of approximately 1/32" is achieved. Repeat this operation for the opposite side of the heel by setting the rotation angle passed zero to 45° and sharpen on the ceramic wheel, checking both sides for symmetry.

KEEP 'EM SHORT

Keeping the heel short will allow precise cutting of tight radiuses without the back of the tool dragging and spoiling the edge of the cut as it makes turns.. Also, a short heeled tool can be accurately positioned for straight cutting lettering, borders, design, etc., without leaving a long heel mark trailing behind the starting point.

