

The Veritas® Magnetic Corner Chisel is designed for squaring off the corners of routed hinge gains. The 3/8" square chisel is guided by the anodized aluminum guide block containing two embedded rare-earth magnets. The chisel is made from A2 tool steel hardened to Rc60 and comes honed with a 35° bevel on each face.

Instructions

Though it can be used on its own, greater accuracy is ensured by use of the 2" tall guide block. Its two rare-earth magnets hold the chisel square, while the outside faces of the block register against the routed pocket. Slide the corner chisel into the routed corner, with the body against the end and side of the pocket. Hold in position and tap the top of the chisel with a hammer. The result is perfectly located square score marks. The routed corner can then be pared with a chisel, producing a neat, square corner.

Resharpener

You will come to appreciate the fine edge that the chisel came with and the long-wearing properties of A2 tool steel once you finally have to sharpen it, as sharpening corner chisels is never an easy task! The difficulty lies in honing the two cutting edges right into the corner while keeping both edges straight and at 90° to the chisel. This is best done using a fine hone that has abrasive only on a single face (most diamond hones are made this way). This allows one face to be honed at a time, reducing the possibility of a step occurring on the adjacent face near the inside corner. Go slow, feel for the contact of the hone on the bevel face only and check frequently that the edge remains straight. Repeat for the second face.

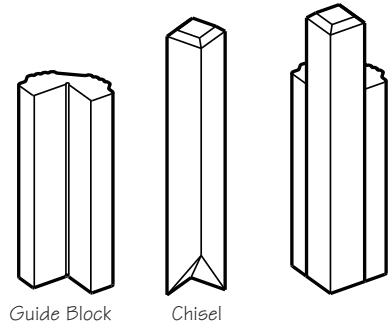


Figure 1: The corner chisel.

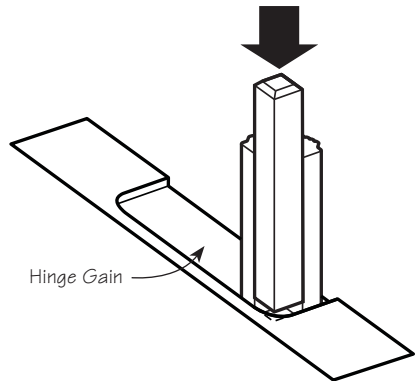


Figure 2: Cutting corners.

Check that the two cutting edges are even and square. Lap the backs to remove any burrs. For the keenest edge possible, the bevels may be finished off using blade honing compound on the face of a stick or sharpening paddle.

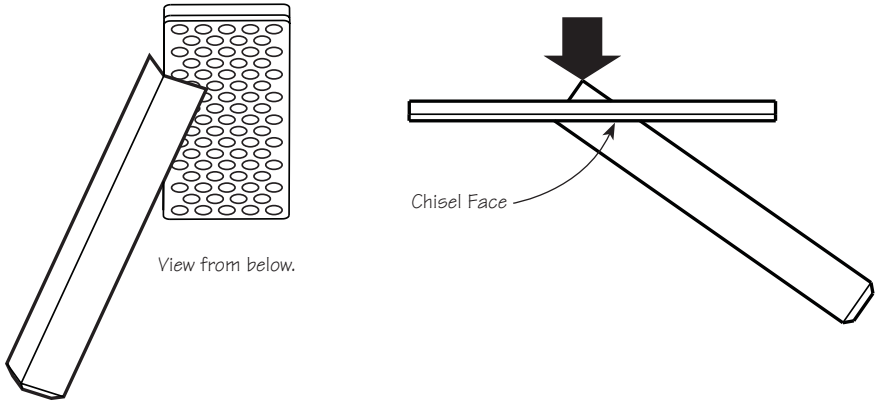


Figure 3: Honing the corner edges.