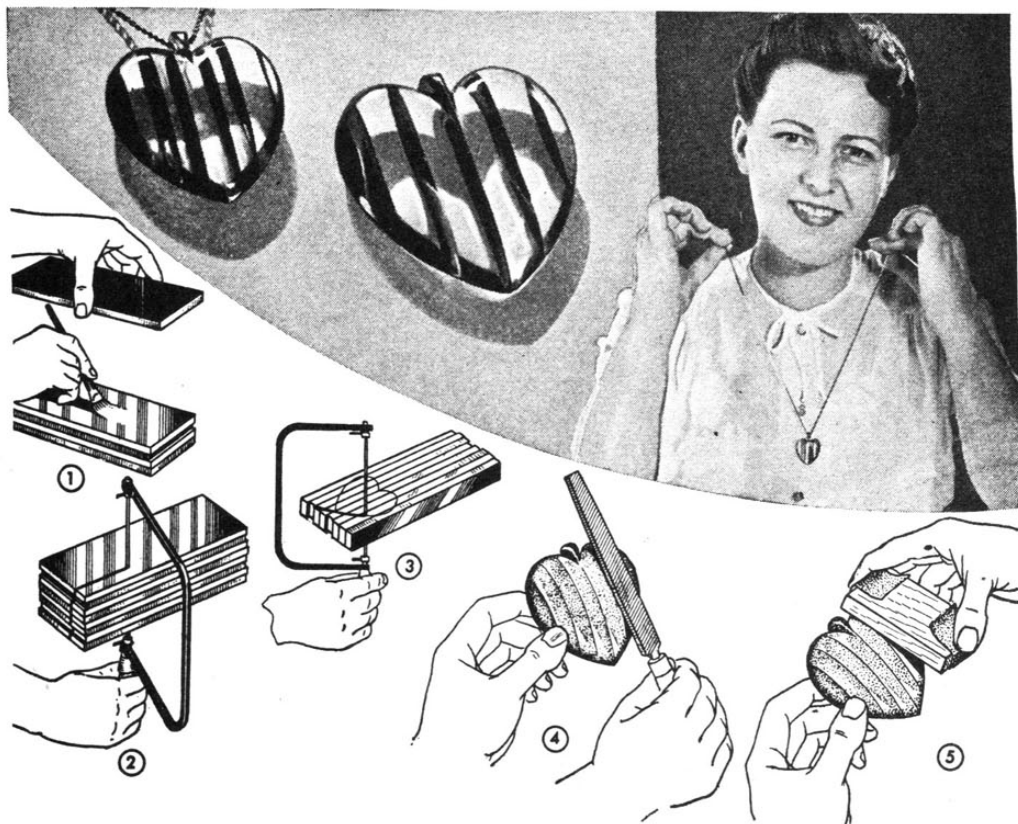


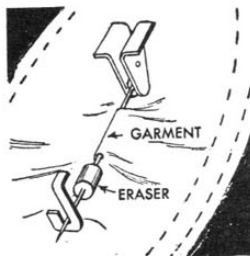
Striped Heart Is Built of Laminated Plastic Sheets



When viewed from the front, this plastic heart shows a few fine vertical lines of color which widen into stripes as it is rotated slowly, and when viewed from the side the heart appears to be a solid color. The blank from which the heart is cut is built up of laminations of transparent thermoplastic cemented together. The plastic sheets may be of the same thickness, or of varying thicknesses from $\frac{1}{4}$ to $\frac{1}{8}$ in. to provide different patterns. The plastic first is washed with acetone and then the surfaces to be joined are coated with colored fingernail polish. After the polish has dried, it should be sanded with No. 400 wet-or-dry sandpaper and wiped clean. When building up the laminations, use glacial acetic acid for a binder, Fig. 1, wiping off any air bubbles. Press the sheets together with the fingers when the surfaces become tacky, but do not use clamps as this will press the polish out from between the sheets, leaving a weak color or no color at all. Allow the block to set for at least 24 hours and then cut lengthwise strips, Fig. 2, about $\frac{3}{8}$ to $\frac{1}{2}$ in. thick. Using a template with the shape of a heart, saw the rough, Fig. 3, and round with a file, Fig. 4. If a few extra minutes are spent with the filing, it will

save much sanding time. Final sanding is done with No. 320 emery cloth, Fig. 5, followed by No. 400 wet-or-dry sandpaper. While any fine abrasive polish can be used, one made with a paste of tin oxide and water spread on a tightly stretched cloth works well. The heart is rubbed briskly over the cloth, rotating and turning it in the process. When the heart has the required polish, the hole for the chain is drilled with a No. 50 drill. This should be at an angle from both sides to avoid marring the polished surfaces. Polish the hole with a cotton string rubbed with abrasive.

Eraser Serves as Brooch Guard



pin between the garment and the clasp.

To guard against the loss of a brooch or other ornamental pin that does not have a safety clasp, use a pencil eraser. After the pin has been fastened to the garment, the eraser is slipped onto the