

Flutes Tools & Parts

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A set of matched V-blocks with clamps. These blocks are designed to hold round stock during drilling and cutting operations. It is very important that the drill bit enters at top dead center of the tubing. Otherwise, the flute will be difficult to play, and will not sound in tune. A set of V-blocks holds the tubing firmly in place, and enables the flute maker to concentrate on the process of drilling holes.

Assorted drill bits designed for making holes in plastic. To avoid cracking acrylic plastics, especially thin-walled acrylic tubes, these bits have point angles of 60° for slow entry into the material. Also, to produce smooth and chip free holes, the bits have modified rake angles of 0° , and cutting edge clearances of 10° . To enlarge holes, use standard twist drill bits — *at slow feed rates* — in $\frac{1}{64}$ in. increments.

Several wine bottle corks for sealing the flute bore at the embouchure end.

