

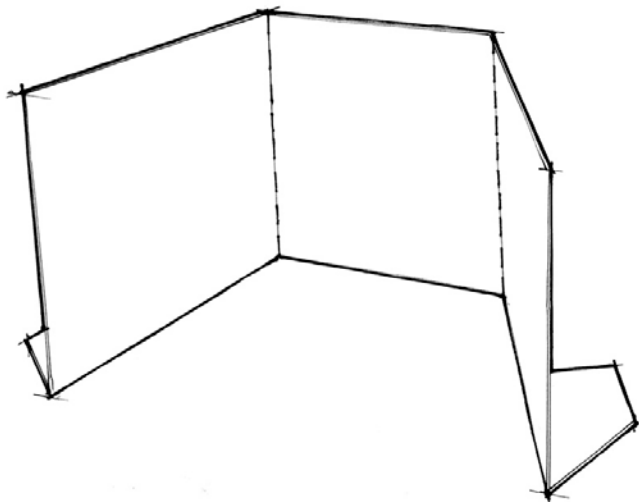
## TIP 12 — Containing Chips During Fly Cutting/Scotty Hewitt & Craig Libuse

Scotty Hewitt, a three-time winner of Sherline's Machinist's Challenge, has constructed a simple shield of countertop material which goes behind his mill to keep flying chips contained. To take further advantage of it, he mounted an inexpensive high intensity light with a flexible shaft to the shield that throws good light where he wants it while not getting in the way when he works.

### **Craig Libuse offers this simple and inexpensive suggestion:**

For a really quick and easy way to contain chips, find a corrugated cardboard box about 2' x 2' x 2'. Cut off the flaps on top and remove one of the sides. Using a box-cutter knife, cut away the flaps on the bottom, but leave some near the front of the side pieces that are to be bent back. Place a weight on these flaps to keep the shield where you want it. If it becomes stained with coolant, just throw it away and find another box.

**Another idea**—For trade shows we have a chip shield that is made from clear Plexiglas so that spectators can watch a machinist at work from outside the enclosure. Clear plastic piano hinges were glued at the joints allowing the three clear sides to be placed at angles during milling but folded flat for transport to and from the show.



*Craig's simple cardboard shield*