

**THE WOOD GRAIN** and polished depressions of our embellished round petrified wood cabochon were the inspiration for our setting. The stone reminds us of a sunflower's center, so we encircled it with silver petals and slender decorated prongs to complete the theme of this no-solder finding.

Additionally, our recently acquired Knew saw influenced us to include sawing as the primary skill of the design. Learning to saw metal is usually one of the first basic skills a jeweler acquires, but we feel it too often soon shunted aside and not always fully mastered. Our simple setting definitely highlights the benefits of exact sawing.

"Practice makes perfect" is definitely applicable to sawing metal. Once you've completed this project, you'll feel like an expert. The pattern for our finding is fairly complex and would require a lot of time and skill to lay out using a scribe, divider, and ruler — so we came up with a simpler, more modern solution.

Tom originated the design using a CAD (computer aided design) program and we've included a pattern for your use — you need only reproduce it via copier, scanner, or your computer printer. We printed our pattern on glossy, easy peel-away adhesive-backed, label stock, which we find is stronger and holds up better during sawing. To conserve label stock, we always fill up an entire sheet with patterns.

#### MATERIALS

2 1/8" square sheet of metal  
(gold, silver, copper, new gold, etc.)

25mm round cabochon

#### TOOLS

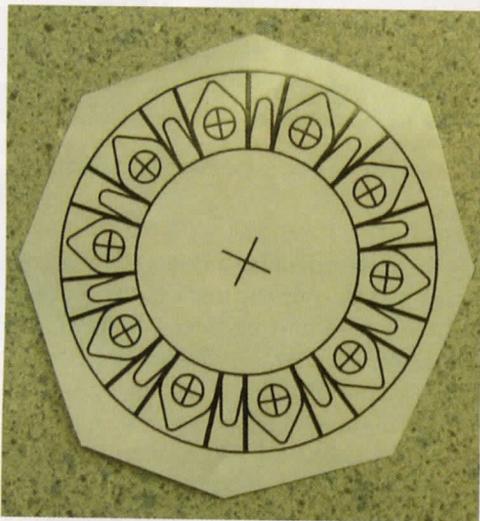
**HAND:** jeweler's saw, 4/0 saw blades, scribe, small center punch, lightweight hammer, aluminum or hardwood block, hand punch set, decorative stamp, .090" punch or adapted screwdriver, steel bench block, flat-nose pliers, 6" barrette needle file, bezel pusher or adapted plastic toothbrush handle

**POWER:** Flex shaft and 3M radial bristle discs (or various grits of sand paper)

#### SOURCES

Most of the tools and materials for this project will be available from well stocked jewelry supply vendors, many of whom can be found in our Advertisers' Index, page 71.

### Pattern



#### Make the pattern

**Photo 1** Although our pattern is designed for setting a 25mm round cabochon, the inner diameter for our pattern is 1". You can easily increase or decrease the pattern to fit your stone using a copier or scanner.

**Photo 2** Affix the pattern to a 2 1/8" square sheet of metal, 22ga.

