

## more about gem carving

*American Lapidary: Designing the Carved Gemstone*, Henry Hunt, ISBN 0-937764-05-1

[gemmaker.com/extras/WoodenCarvingTools.html](http://gemmaker.com/extras/WoodenCarvingTools.html), Gemcarver.com, Wooden Carving Tools

[ganoksin.com/borisat/nenam/freeform-gem-carving.htm](http://ganoksin.com/borisat/nenam/freeform-gem-carving.htm), Hans Meevis, Freeform Gem Carving  
[free-form.ch/education/book06/index.html](http://free-form.ch/education/book06/index.html), Chrysoprase Gemstone Carving Project



■ **Diamond Discs** are preferred when cutting grooves into medium to hard stones. In this practice piece, we added three cuts at 12, 3, 6, and 9 o'clock positions to our aventurine cabochon, and left the cuts unpolished for contrast.

*Diamond discs are available from many jewelry suppliers. We use our diamond disc with a mandrel, and the disc measures 20mm in diameter, .7 mm thick. They are sold 5 per package at less than \$10 a package.*



■ **Diamond Wheel Burs** transformed a turquoise cab into a leaf (above left) using a diamond wheel bur to cut slightly arched grooves. We purposely did not polish the grooves, leaving them a matte finish to add contrast.

We also made this strawberry quartz round cabochon (above right) with the wheel bur, first marking the design with a fine tip felt marker, then carving the series of slightly arched grooves using the diamond wheel bur, again leaving the grooves unpolished.

*Diamond wheel burs are less than \$5. Several suppliers carry them.*

We marked a series of radiating lines with a fine tip felt marker on the pink jasper cabochon. Then, we used the diamond inverted cone bur to produce a wider V-groove shape on each marked line.

We polished each groove using a wood polishing tool and 600-grit diamond paste to refine and smooth the surfaces and edges of the grooves.

■ **Diamond Inverted Cone Bur** You can buy 10mm diamond inverted cone burs for less than \$5 at most jewelry tool vendors. We used them for the project cab (See "Sunflower Pendant," page 28).

