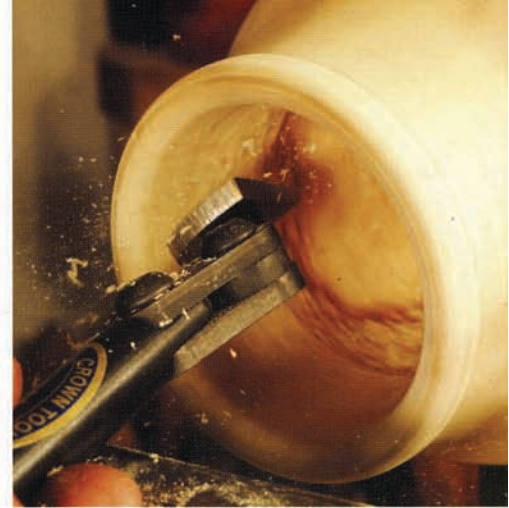




ABOVE: Key cutter being used to undercut the form



ABOVE: The heart scraper being used in shearing mode to clean up the surface



ABOVE: Optional shear scraper tip in use

access more awkward positions than the Super Ring tool, especially the narrower tips.

The scraper tips are suitable for both end-grain and cross-grain work, making them very versatile. I found the bigger scrapers took a fairly aggressive bite, but gave a smoother profile, while the smaller scrapers were easier to control. The scrapers are quite chunky, which, in my opinion, makes them easier to hone, although the instructions suggest using a grinder for sharpening. Again, I felt they held their edge well and were easy to sharpen.

## Shear scraper

This is one of the optional extras. It comes with a pre-angled extender that makes it easier to achieve a shear cut. The scraper tip has one straight edge and a complex-curved edge that provides a variation of curves to suit all profiles. I thought this a very effective tool, smoothing the profile on the inside of the hollow forms and leaving a smooth finish, with minimum torn grain, ready for sanding. This tool can also be used on the outside of turnings.

## Verdict

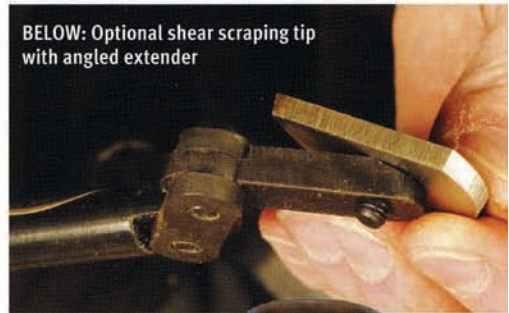
This is a very well made hollowing system, with all the components tested working well. It is strong and robust, and quite easy to use. The instruction sheet is a welcome inclusion, as it indicates how best to use the tools and how to sharpen them. However, the pictures on the instructions could be better referenced, as they are currently a little unclear.

The optional extras

available from Crown Hand Tools include: texturing tool, swan-neck shaft, deep hollower, 10mm (3/8in) collet, handle extension, shear scraper and bowl and spindle gouges. Crown Hand Tools say they are developing more tools/parts that will be compatible with this system.

All-in-all, I think this system offers very good value for money. It is expandable with the optional extras, or the handle can be used with any tool with an appropriate shaft diameter. In fact, I am even thinking of buying the Revolution system myself!

BELOW: Optional shear scraping tip with angled extender



BELOW: Hilliard turned two items using the Revolution Hollowing System



LEFT: The Revolution includes the following components as standard: handle, 12mm (1/2in) collet, side handle, shaft with articulated 'knuckle' and Super Ring cutter, scraper tips, extender to allow extra articulation, spare Super Ring cutter, Allen keys for adjustment of the tool and instructions on use of the system

## SCORE

**Build quality:** 98% **Versatility:** 95%  
**Ease of use:** 92%

## DETAILS

**Prices:** Complete system – £125; optional shear scraper tip and holder – £22; 355mm (14in) long hollower bar (with 2 swivel-tip cutters) – £35; foam extension handle – £15; shaft and cutters only – £68 (prices inc VAT)

**Contact:** Crown Hand Tools

**Tel:** 0114 261 2300 **Website:** [www.crownhandtools.ltd.uk](http://www.crownhandtools.ltd.uk)

## SECOND OPINION – MARK BAKER

This really is a well thought out, comprehensive system which enables the user to tackle a variety of projects with the one system. It is nicely balanced in use and the array of tips supplied makes it easy to use; it will meet almost any demand that can be placed on it by a turner. The price is inexpensive when compared to other systems available and I am sure it will prove to be a real winner with many users.