

# IRONS SHEAR SCRAPER

## USER GUIDE



The Woodcut Tools Irons Shear Scraper is designed to shear cut the external shapes of bowls and hollow forms. Think of it like a cabinetmaker's scraper for turners. It is used to refine shapes, remove any high spots and torn grain, create smooth curves and flowing lines. The benefit of this is a uniform surface straight from the tool that makes sanding easier.

### To use:

Hold the tool with the shaft pointed down about 15 deg with the cutter at an angle of 35 to 45 deg to the surface. The cutter should be rotated slightly in the direction of the cut so that the lower point is angled slightly down when you look at it in plan view. See video for clearer demonstration.

Guide the cutter across the surface of your vessel or bowl with some downward pressure on the tool rest to stabilise the tool.

The cutter is three sided so that you aren't constantly having to hone a single edge, as one edge dulls another can be rotated into position. The purpose of the spring washer is to make adjusting the angle of the cutter easy with out constantly reaching for an Allen or Hex key, if necessary it can be locked in a set position.



Please note: This tool should not be used on the interior of bowls or vessels.

### To sharpen:

The cutter has a 70 - 75 degree bevel which should be honed with 3-4 strokes using a fine diamond credit card or similar to create a fine burr. Take care to try to keep the hone as parallel to the bevel as possible while sliding it up and along the edge. Once the bevel has become completely smooth it needs to be re-ground at the same 70-75 degree angle. The easiest and safest way to do this is by removing the cutter and using the Tru-Grind Stem Sharpener in conjunction with the Tru-Grind Sharpening System.

I find using it straight off the grinder to be too aggressive, what gives you the fine surface is the micro burr created with the hone.

Please refer to the Woodcut Tools You Tube channel for demonstration videos.



Designed by Phil Irons, professional wood turner, based in the UK.  
You can follow Phil on Instagram @philironswoodturning and view his demonstrations on the Woodcut Tools You Tube channel.

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