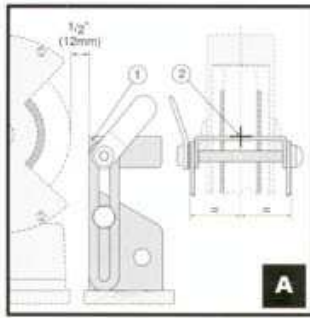
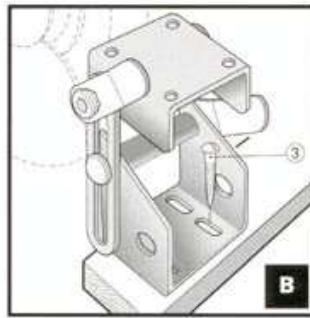


Universal Sharpening System

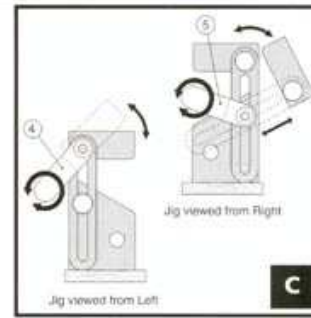
Fitting Instructions



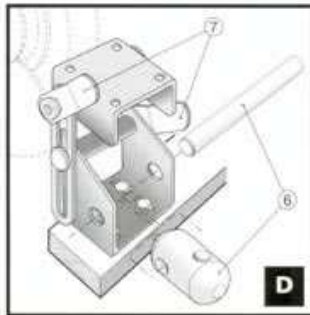
1. Position jig so front edge of **stationary** grindstone is 1/2" (12mm) from back of jig.
2. Ensure jig is central to grindstone, viewed from front.



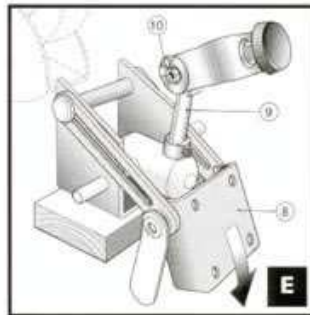
3. Fix jig using four screws. Locating screws to the far end of slotted holes will allow for adjustment/stonewear



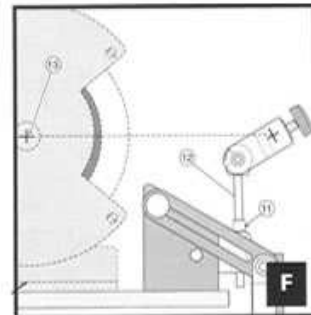
4. Use left hand locking handle to adjust platform angle.
5. Use right hand locking handle to set platform height and gap from wheel.
*Not supplied with model 445



6. Insert shaft into boss and tighten locking screw*.
7. Slacken the two locking handles.
* Not supplied with model 446

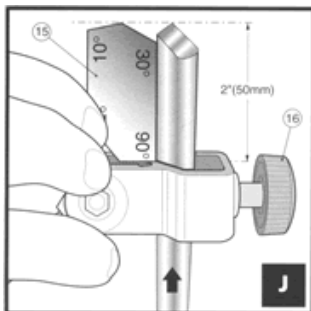


8. Swing table down.
9. Fit clamp assembly into boss hole.
10. Do not change knuckle angle at this stage.



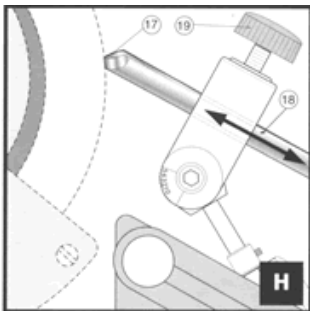
11. Slacken grub screw on height adjusting collar with the 3mm allen key provided.
12. Swing clamp so that stem is vertical.
13. When centre of clamping head is level with centre of grindstone (viewed from side) tighten grub screw (11).

Grinding Robert Sorby Fingernail Profiles

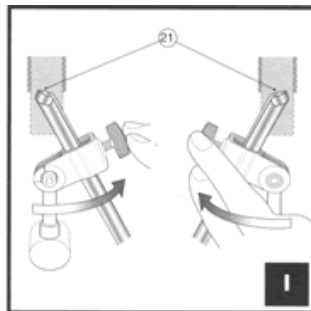


14. Bowl gouges at - 45° bevel angle. Slide gouge into clamp with 2" (50mm) projecting.
15. For reference, the angle gauge is 2" long. *
16. Lock gouge in position with clamp screw.

*Not supplied with model 445

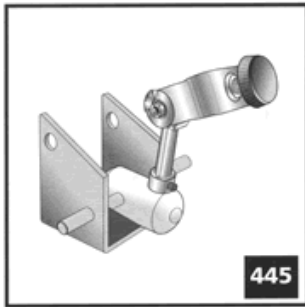


17. Offer gouge tip to the **stationary** grinding wheel.
18. Viewed from the side (as shown) reduce or extend the gouge until the required angle is matched.
19. Lock gouge in position with clamp screw when correct angle is achieved.
20. Measure the distance gouge is now projecting from the clamp and repeat for all future grinds.



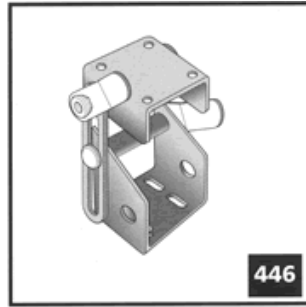
21. With grinding wheel **running**, grind each of the gouge wings first (with small forward pressure). Finish by rolling the pivoting arm smoothly from side to side (through the jig arc) until there is one facet throughout the whole grind area.

Available Models



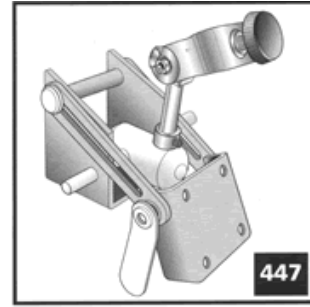
Fingernail Profiler(445)

A simple device which enables the re-creation of fingernail profiles on gouges.



Universal Sharpening System (446)

Suitable for all standard (ie non fingernail) woodturning tools



Deluxe Universal Sharpening System(447)

Deluxe system which incorporates all the features of 445 and 446. Changes from fingernail profiling to standard use in seconds.

Upgrade Options

445 to 447 upgrade: For those who own a Fingernail Profiler this adds the large sharpening platform to allow sharpening of non fingernail tools. Includes captive spanners and angle finder.

446 to 447 upgrade: Improves the Universal System by adding Fingernail Profiling capability. Upgrade provides centre shaft, centre boss and tool holder/pivot arms.

Re-setting Factory Preset

