



Photo.3: Belt Tension Lever at top of column



Photo.4: Belts are butted together to avoid thickening at the joint



Photo.5: Removing two screws releases the Belt Cover

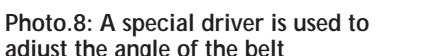


Photo.8: A special driver is used to adjust the angle of the belt



Photo.6: The Bars used to adjust the belt alignment



Photo.7: Adjusting the belt alignment

(Photo.6). One is inserted in a hole in the upper spindle shaft and the other in the hole in the locking collar (Photo.7).

Holding the bar in the shaft stationary, the locking collar is loosened, then the shaft is rotated to make the necessary adjustment. Once the tracking is correct, the locking collar is again tightened.

Finally, before beginning to actually use the machine, I decided to switch it off for a moment while I adjusted the angle of the column.

The upright position in which the machine is shipped is not the most convenient, but loosening a couple of screws at the bottom using the special driver supplied (Photo.8), allows the column to be adjusted over a range of 80° which covers practically any angle at which you might wish to work.

While the machine was switched off, I also adjusted the toolrest (Photo.9) to pro-



Photo.10: The thumbscrew locator used for toolrest pre-set angles



Photo.11: Bevel ground by 60grit Zirconium belt (note wire edge)

vide a bevel angle of 25°. This is one of 9 angles that can be pre-set — 15°, 20°, 25°, 30°, 35°, 45°, 60°, 80° and 90°. The settings are depicted on the plate in front of the motor.

Intermediate angles can also be selected by simply screwing out the thumb screw locator (Photo.9&10) so that its untapped portion clears the adjustment holes. Regardless of the angle to which the tool rest is set, it is held quite securely by a clamping screw which is rotated by its captive spanner (Photo.9).

Operation

I had set the tool rest to 25° because I thought I'd start with something easy — a standard woodworking chisel.

Photo.9: The toolrest can be exactly preset to 9 angles but it can also be securely clamped at any angle from 15° to 90°

