

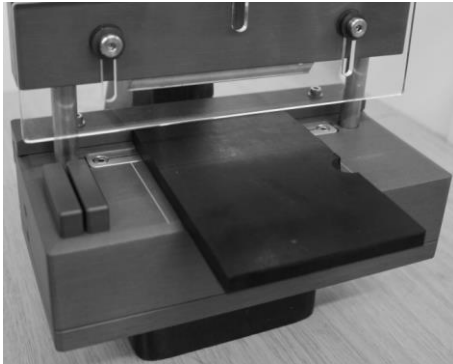
ELASTABRASION SPECIMEN CUTTER

OPERATOR'S GUIDE

For the creation of elastomeric squares $15\pm 0.2\text{mm} \times 15\pm 0.2\text{mm}$ ($\leq 8\text{mm}$ thick)

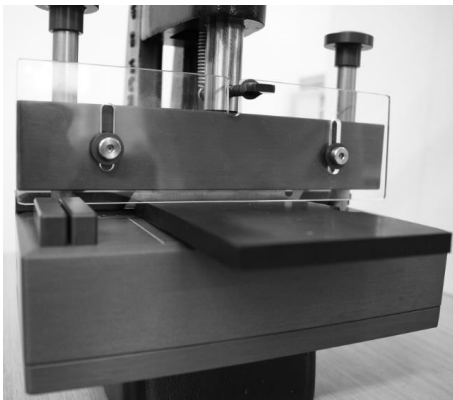
DO NOT PLACE FINGERS UNDER THE CUTTING BLADE.

*Please note instructions show the cutter in use with the optional press tool.
Instructions are also applicable for use with customer's press tool.



Use a sheet of rubber no wider than the 2 furthest apart lines as indicated on the platform.

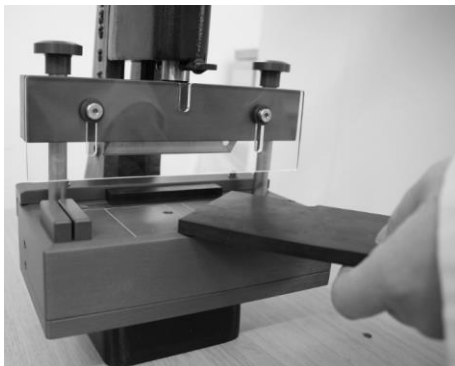
Align the rubber piece so that it is central to these 2 lines; this indicates the full width of the blade.



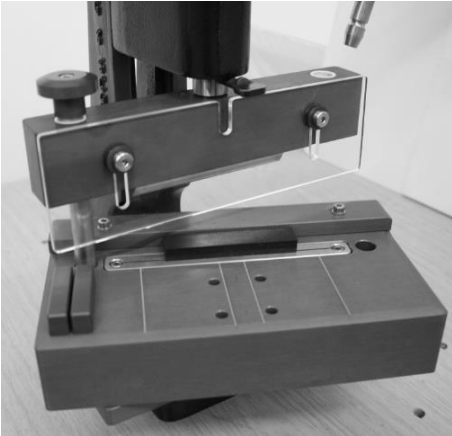
Push the rubber firmly against the backstop. Do not apply excess pressure as this will increase the width of the strip. Pull the lever arm down slowly and firmly over a period of 5 seconds.

If necessary, relax slightly, then repeat the process until the blade has cut all the way through the rubber.

NOTE: Do not lift the blade from the rubber during this time.



Lift the lever arm and release the blade from the rubber. This will result in a strip of rubber $15\pm 0.2\text{mm}$ wide.



Lift out either peg then swing the platform forward by pivoting on the other peg.

Remove the rubber strip.

Swing the platform back into place and replace the peg.

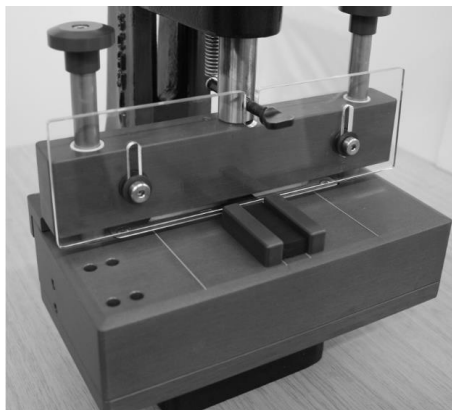


Locate the 2 strip guides into the central slots.



Insert the new strip of rubber into the support slot and press firmly against the backstop.

Again, do not apply excess pressure as this will increase the size of the sample.



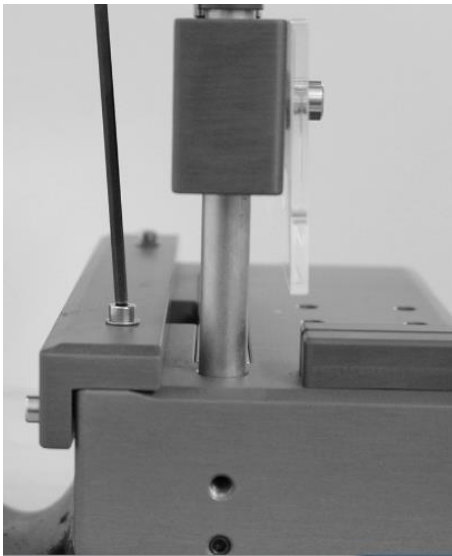
Cut slowly and evenly by pulling down on the lever arm.



Once the blade is lifted with the lever arm, the square specimen of rubber will drop through the back of the cutter.

Collect the specimen and check the dimensions with a caliper.

The target dimensions are $15 \pm 0.2 \text{mm}$ X $15 \pm 0.2 \text{mm}$.

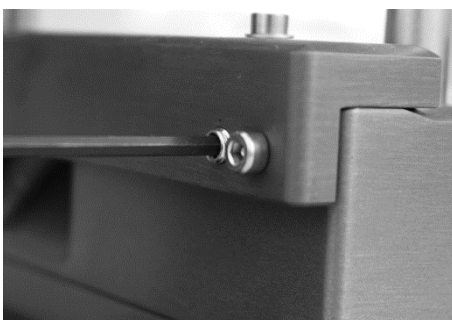


To adjust the width of the rubber strip, the backstop can be altered to create a 15mm gap between this and the blade.

Release the 2 cap head screws in the top of the back plate using the tool provided.



Release the 2 cap head screws at the back of the back plate.



Adjust by turning the grub screws as required, then retighten all 4 cap head screws in reverse order.

Cut a piece of rubber as described below, and check that 15mm has been achieved.

Re-adjust as above if necessary.