



OVERHAUL OF A STRINGWAY CLAMP.

After extensive use the clamps of the Stringway machines can be overhauled quite easily. Figure 1 shows the parts of the clamp.

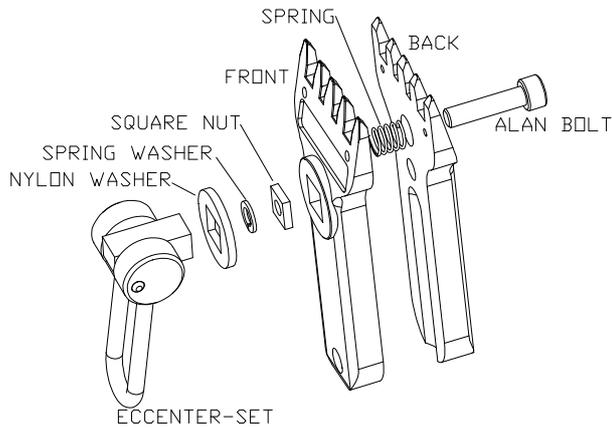


FIGURE 1

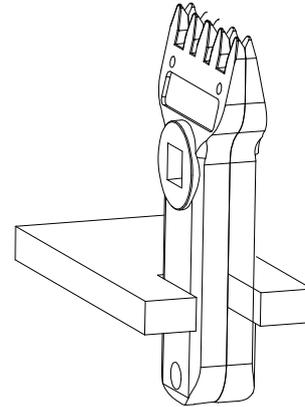


FIGURE 2

DISASSEMBLY

For the disassembly and assembly it is easy to use a vise or a special piece of wood with a slot in it to hold the clamp as shown in figure 2.

To disassemble the clamp unscrew the Alan bolt and take of the closing mechanism.

GRINDING THE CLAMP PARTS.

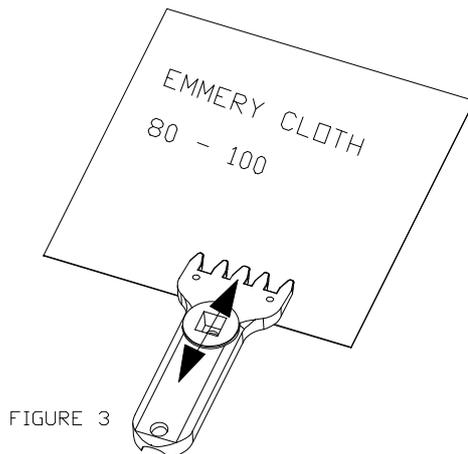


FIGURE 3

To clamp the string with a minimum clamping force the clamping surface must be equally rough.

Grind the clamping surface by moving the clamp up and down over a piece of grinding cloth.

Support the grinding cloth on a flat surface like a table.

THE ASSEMBLY OF THE CLAMP.

- Put the spring in the hole between the front and the back of the clamp.
- Clamp both castings on top of each other in the clamping device.
- Put the Alan bolt in from the back.
- Put the square nut on the Alan bolt and screw the bolt into the nut until the nut is level with the surface of the clamp.
- Slide the spring washer over the Alan bolt.

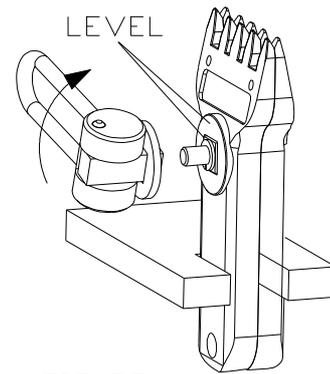


FIGURE 4

- Turn the pull rod of the eccentric set on the Alan bolt until it compresses the spring washer completely.
 - For clamps with Alan Bolt: Turn the pull rod $\frac{1}{4}$ revolution backwards.
 - **For clamps with adjusting knob:** Turn the pull rod $\frac{1}{2}$ to $\frac{3}{4}$ revolution backwards.
- If the eccentric is in the right position, with the handle downwards, turn the Alan bolt into the pull rod until the nylon washer hits the surface of the clamp.

If the closing mechanism is in the wrong position:

- Unscrew the Alan bolt holding the eccentric, so that the square nut comes out of the hole in the clamp.
- Turn the pullrod / eccentric in the right position.
- Turn the Alan Bolt into the pullrod until the nylon washer hits the surface of the clamp.

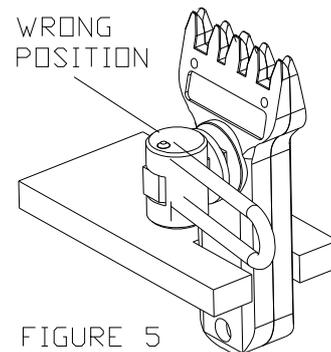


FIGURE 5

GREASING THE CLAMP.

For easy up and down sliding of the clamp it is advised to insert a thick layer of grease into the hollow that clamps the clamp on the pin of the sliding system.

ADJUSTING THE CLAMP TO THE STRING

The clamp needs less clamping force to hold the string after the clamp has been reconditioned.

Always adjust the string at the minimum force and check the adjustment for every string job:

- Hold string behind the clamp when the tension unit releases the string and check if the string slides through the clamp.

CLEANING THE CLAMPS.

The coating on some strings make the clamps slippery. When too much force is needed to clamp the string clean the string:

- Fold a cloth around a thin plate, wet it with white spirit and move it up and down (in horizontal direction) between the clamp surfaces of the clamp.
