

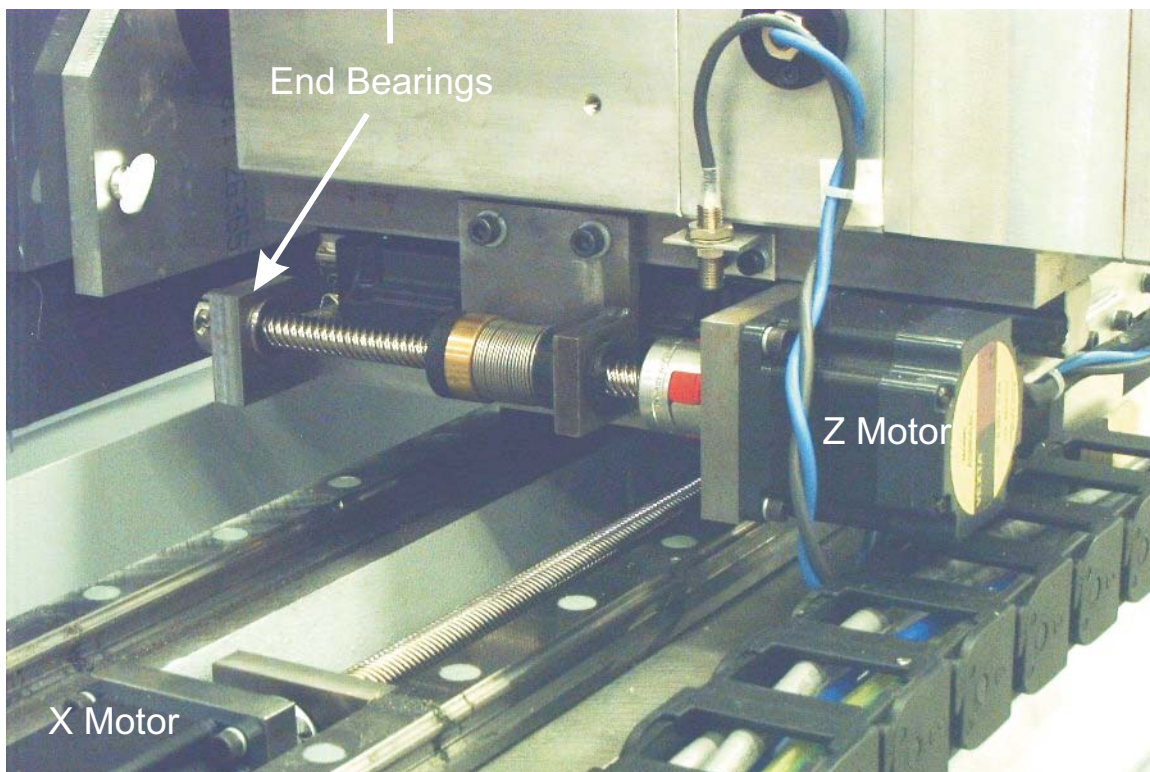
These are the drive components. Could you verify were the screws feel out?

I would check all the axis to make sure there is no play. To do this, turn on the power and try to push each axis forward and backwards. with the power on the motors will try to hold them from moving.

If there is any play make sure the set screws on the motor coupling are tight. Those are 2.5mm Allen head cap screws.

Also check the end bearing. The next page has a description of there assembly and how to tighten them

If everything is tight then turn off the machine and see if all the drive screws can be turned easily with your fingers. If any of them are tight, it might indicate that one of the drive nuts is bound up.



Below is an illustration of the bearing assembly with photos of where they are located on the machine. This is for a three axis machine so you don't have the upper left bearing in the upper left photo.

On each drive screw (the threaded rods) is a bearing assembly that prevent it from moving. I would like you to look at the bearing block to make sure they are tight. There is one for each axis of movement and it is on the opposite end from the motor (see photos below). The best way to observe any play is for one person to try to move each axis either left to right or up and down while it is powered up (so the motor will be holding their place) and have a second person watch the bearing block and screw to see if there is any play. If there is play, there is a locking collar that can be adjusted to remove it (see center diagram). If you have to tighten one, just loosen the set screw on the locking collar and **hand** tighten it to take up any slack.

