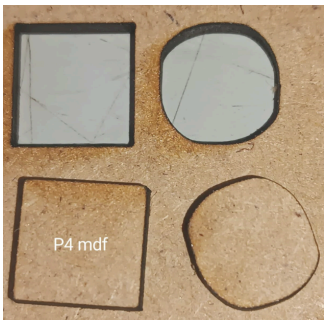
DIY KIY mini Engraving Effect Enhancement Guide

When users engrave for the first time, they often find that the engraving is distorted like this :



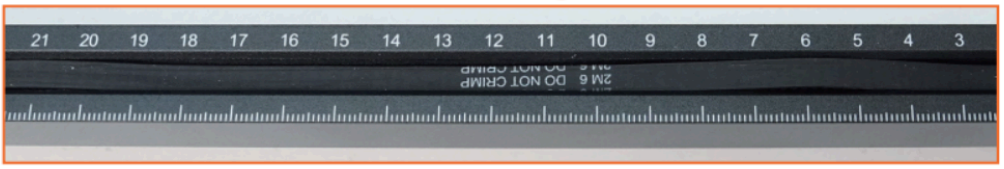
Most of the cases are due to insufficient installation

So please refer to the following to make adjustments to ensure that the engraving effect returns to normal.
Again, please know how to recognise the tension of the belt by looking at it with the naked eye and feeling with your hands whether it is in a tight state or not.

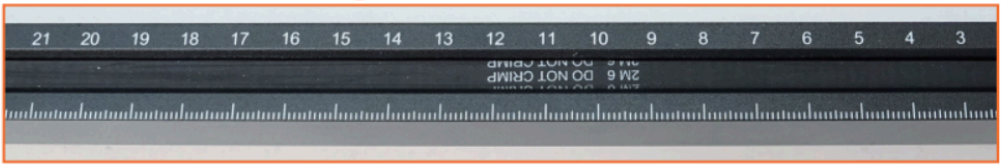
Very Loose Timing Belt



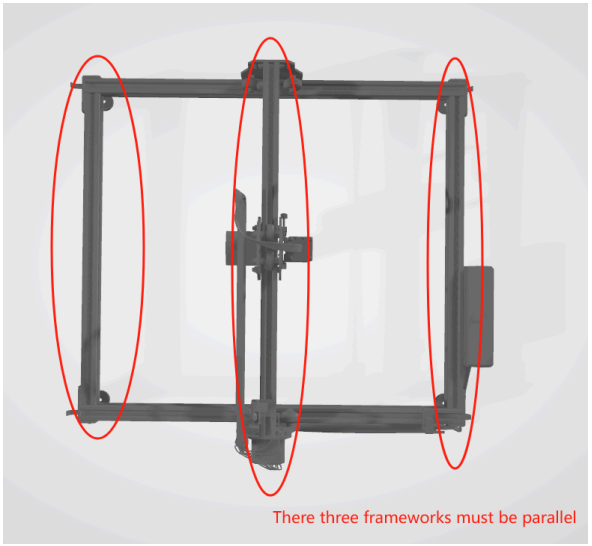
Loose Timing Belt



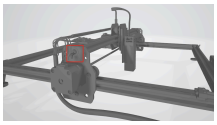
Timing Belt in Perfect Tension



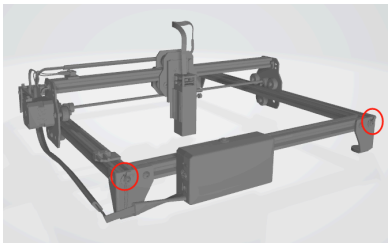
At the same time we need to make sure that the X-gantry is parallel to the front and rear assemblies, which is the focus of perfect carving.


There three frameworks must be parallel

Adjustment method:
First check the X-axis belt tension to ensure that the belt condition is tight.
If it's not tight: unscrew the screws on one side, then install the spacer and screws while tugging the belt tight by hand or pliers.



Then we need to unscrew the two Y-axis belt screws in the direction of the motherboard end for gantry adjustment.



Then push the gantry to the very back, making sure that the left and right sides are touching the top.



Then we install the shims and screws while tugging on the Y-axis belt by hand or pliers.

The machine is then adjusted.