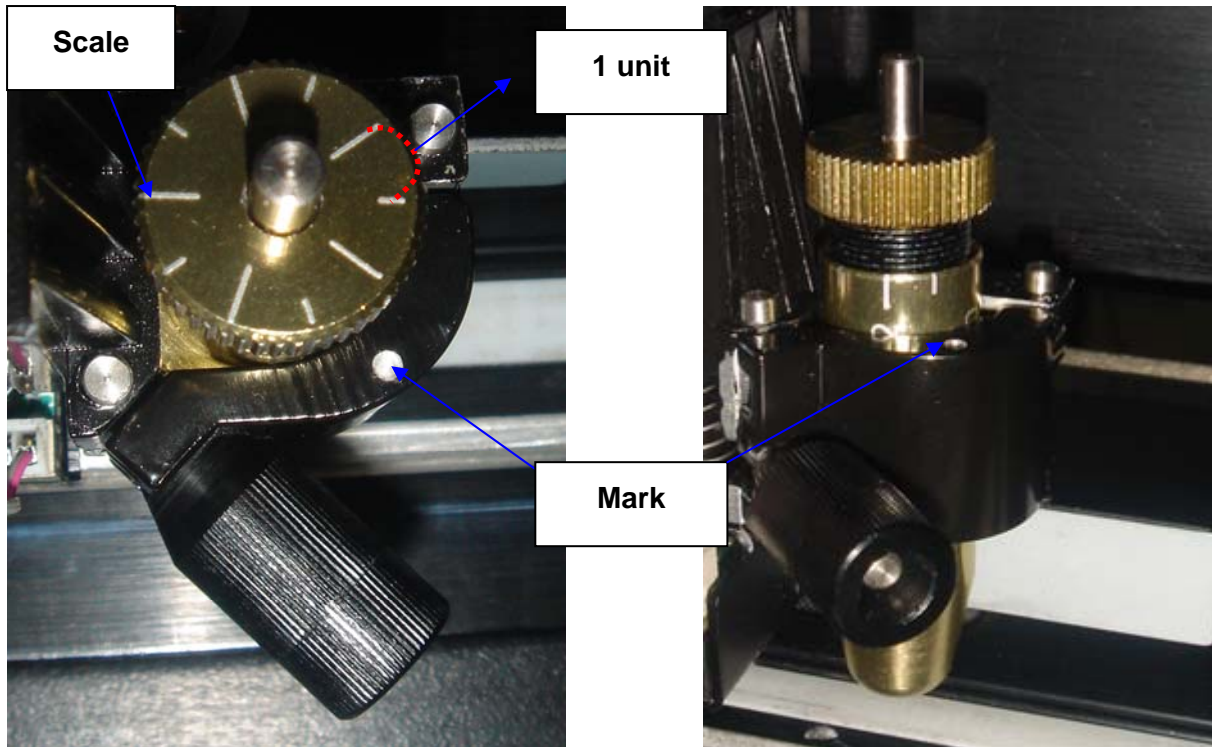


## Automatic Blade Length Detection

Figure 1 is the new blade holder with a scale and the carriage with a mark. This blade holder detects blade length automatically and shows how the knob needs to be turned on the LCM.



**Figure 1**

**Figure 2**

There are 10 units on the scale; each unit equals to 0.05 mm, allowing you to adjust the blade length for 0.00mm-5.00mm (Figure1).

Follow the steps below to adjust the length of the blade:

1. Keep the blade tip within the blade holder before you start adjusting.
2. Align one of the scales on the blade holder to the mark on the carriage
3. Select "Blade Length Adjust" under "CUT TEST" on the LCM, enter the blade length wished in "Set Length"; test the blade holder first and then test the blade length by pressing ENTER.

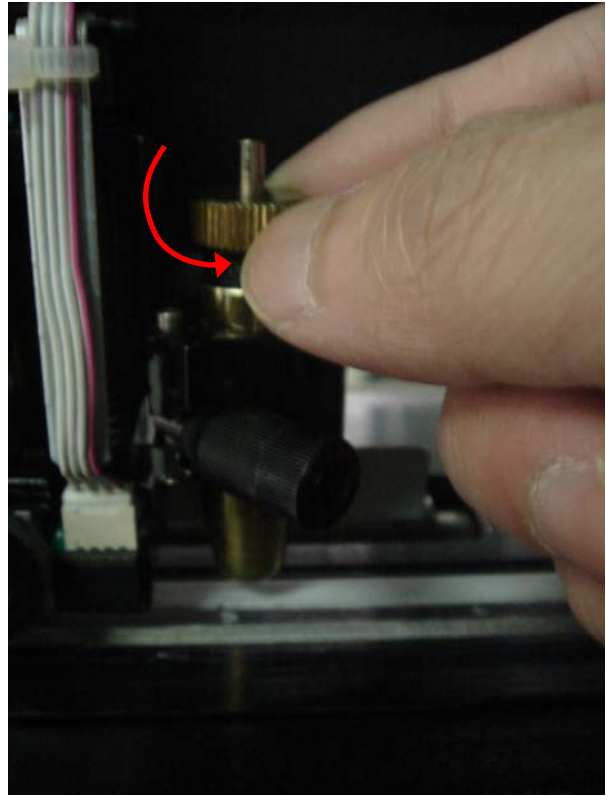
Note: Keep the blade holder at the same position when you perform blade holder and blade length tests.

4. When blade holder and blade length tests are finished, the screen will show you to what degree (the unit of the value following "CW" or "CCW" is "circle") and in which direction [CW (clockwise) or CCW (counterclockwise)] you should turn the adjustment knob.  
EG, Turn CW 5 is telling you that you should turn the knob for 5 units clock-wisely (Figure 3, Figure 4).

5. The screen will show "Adjustment completes" when the value on the screen is 0, the blade length is perfect and no more adjustment needs to be made. Press "Enter" now to complete the process and you may start cutting at this point.



**Figure 3**



**Figure 4**