How to calibrate Rotation Distance

- Avoid using a caliper for measuring - it has multiple sources of error.
- Download [E-Steps & Rotation Distance Measurement Tool](#).
- In the KPA, click the Button **Calib Rotation Distance**. It will guide you what to do.

Use the **Rotation Distance Measurement Tool** to measure the marked point. By the bright/dark-contrast you can even see down to 0.5 mm. :-) The middle of the white bars are the uneven millimeters (1/3/5/7/9) while the middle of the dark slots are the even numbers (2/4/6/8).

If the mark is **below** the **20**mm mark, it is extruding too much. Let's say it's at the **16.5**mm mark, so that's **3.5**mm to much extruded, or equally **103.5**mm. Enter **103.5**mm into the input field of the **Calib Rotation Distance** button.