(6) Adjustment of Zoom Ratio in the Crosswise Direction ("Adjust A1 = Lens Full Size Position")

◆ **Requirement**

- This adjustment is made for the zoom ratio in the crosswise direction.
- A scale is placed on the Original Glass to run parallel with the Scanner and the length of the scale on the copy is compared with that of the actual scale. The adjustment must be made so that the difference between the two dimensions falls within the following specifications.

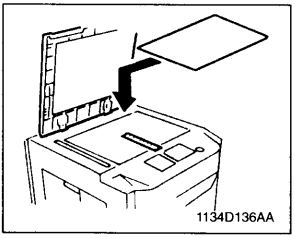
The difference should be within ±0.5% of the actual length.

For 200 mm, the allowance is 200 mm × 0.005 = 1.0 mm.

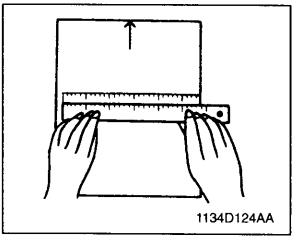
Zoom Ratio	Specifications	Adjusting Mode	Setting Range
Full size (×1.000)	200 ± 1.0mm	Adjust A1 = Lens Full Size Position	43 to 58

◆ **Important**

This adjustment must be made before the "Reference Position Adjustments".



1. Place a scale in parallel with the Original Width Scale and make a copy.
   *Make three copies in full size (×1.000) mode and using 200-mm-or-wider paper.
   *If the scale is of plastic and transparent, place a blank sheet of paper over it.



2. Allow the copy to stand for 5 minutes, then measure the length to determine the zoom ratio in the crosswise direction. (Make the check with the third copy.)
   Using the scale, measure the length of the scale on the copy to find any difference.
   *If the zoom ratio deviates from the specifications, go to the next step.