(7) Adjustment of Zoom Ratio in the Feeding Direction ("Adjust A3 = Feed Direction Mag. Ratio")

◆ **Requirement**

- This adjustment is made for the zoom ratio in the feeding direction.
- A scale is placed on the Original Glass perpendicularly to 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.

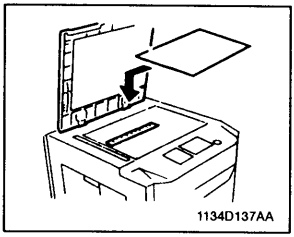
The difference should be within ±0.5% of the actual length.

For 300 mm, the allowance is 300 mm × 0.005 = 1.5 mm.

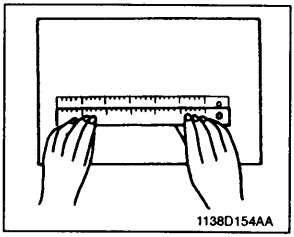
Zoom Ratio	Specifications	Adjusting Mode	Setting Range
Full size (×1.000)	300 ± 1.5mm	Adjust A3 = Feed Direction Mag. Ratio	46 to 54

◆ **Important**

This adjustment must be made before the "Adjustment of the Leading Edge Registration".



1. Place a scale in parallel with the Original Length Scale and make a copy.
   *Make three copies in the full size (×1.000) mode using A3 or 11" × 17" paper.
   *If the scale is of plastic and transparent, place a blank sheet of paper over it.



2. Allow the copy to stand for 3 minutes, then measure the length to determine the zoom ratio in the feeding 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.