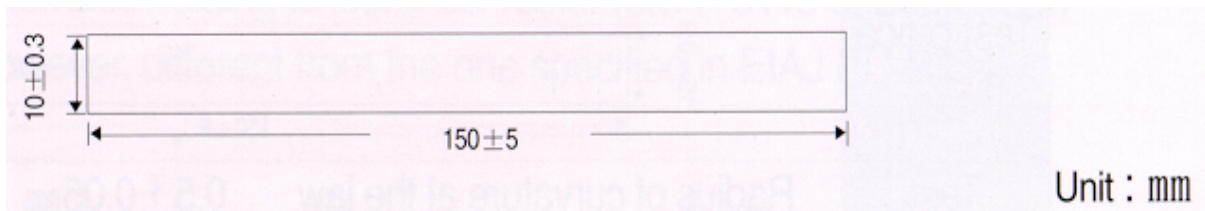


◆ Bending Strength Test

1. Test equipment

MIT Automatic Folding Endurance Tester(JIS P 8115).

2. Test piece



3. Test conditions

Radius of curvature at the jaw 0.5 ± 0.05 mm

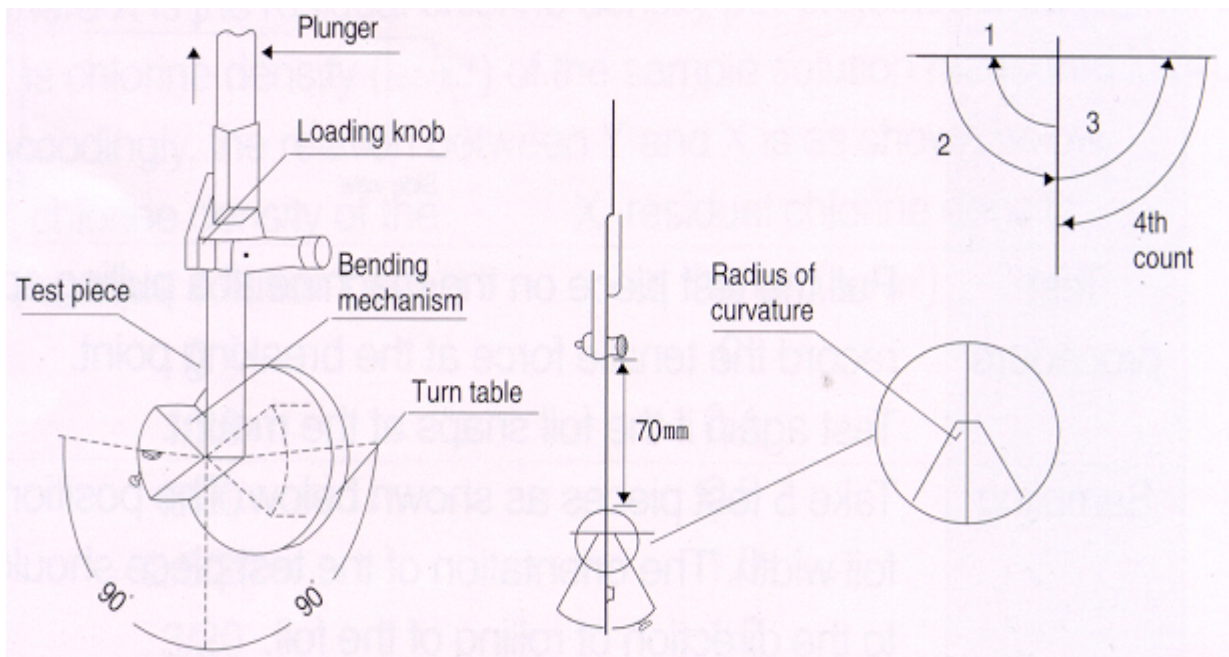
Load : 2.5 ± 0.05 N (255 ± 5 gf)

Bending angle : $90 \pm 2^\circ$

Bending speed : 6 counts/s

4. Test procedure

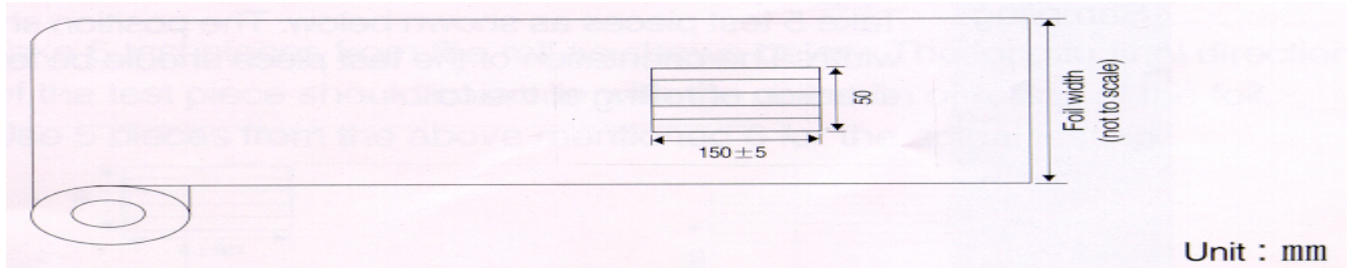
- 1) Mount the test piece onto the tester as shown in the diagram below; and count the number of bending until the foil breaks.



- 2) One 90° trip is counted as one bending. For instance, the movement shown in the diagram is counted as 4 bendings.

5. Sampling

Take 5 test pieces as shown below. The position should be at the center of the foil width. The orientation of the test piece should be longitudinal, viz. parallel to the direction of rolling of the foil.



6. Criteria

For a pass, the average of the measured values for the five test pieces must be higher than the specification value.