



TO READ OUTSIDE CIRCUMFERENCE METRIC TAPES

GAGE MEMBER



VERNIER SCALE

Each line on the gage member represents 1mm, while each line on the Vernier scale represents 0.1mm. When using the Outside Circumference tape, apply a snug pull of 2.25kg. tension, first making certain the tape and part have been cleaned.

In the illustration, the divisions to the left of the Vernier zero are 1570mm. The 5th line on the Vernier coincides with the line on the Linear Tape which represents .5mm. This is added to the 1570mm, making a total circumference reading of 1570.5mm.

As a suggestion for checking very large parts – pieces of masking tape can be used to hold the tape in proper parallel position. In many applications, magnets can also be used.

Pi Tape® circumference tapes have a .1mm resolution with a guaranteed accuracy of .2mm up to 3000mm.

Care

- When not in use, wipe clean and apply a light rust preventative oil. Store tape in container.
- No periodic adjustments are needed.
- Make certain the tapes have not been stepped on or kinked which may destroy the accuracy.