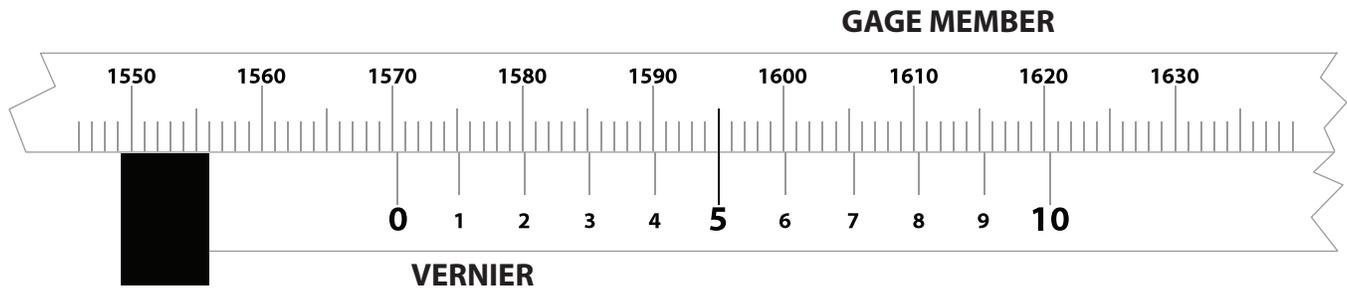




TO READ OUTSIDE CIRCUMFERENCE METRIC TAPE



Vernier Scale divides each graduation on Gage Member into 10 parts or .1mm

EXAMPLE

Make certain the tape and object to be measured are both clean.

Each line on the gage member represents 1mm of circumference, while each line on the vernier represents .1mm.

Wrap the tape around the object to be measured. The vernier scale should be just below the gage member. Tighten the tape around the object with 5 pounds tension for O.C. tapes (For I.C. tapes, use 0 pounds tension).

Locate the “zero” on the vernier scale and note the highest value achieved on the gage member above it (the highest value to the left of the zero). In this example, the value is 1570mm.

Next, observe the vernier scale’s value at the point where it lines up exactly with a marked division line on the gage member. In this example, the value is 5 (.5mm).

Finally, to obtain the circumference of the object, simply add the two values together:
 $1570\text{mm} + .5\text{mm} = 1570.5\text{mm}$

When using a standard O.C. tape on an I.C. surface, add double the tape thickness to the reading to arrive at the I.C. of the part. It is suggested that direct I.C. tapes be used for inside circumference readings.

As a suggestion for checking very large circumference – pieces of masking tape can be used to hold the tape in the proper parallel position.

Tape resolution 0.1mm

Care

Tape is delicate, handle with care. Keep tape clean and dry.

After each use, wipe clean and apply a light rust preventive oil*. Store in tape container and in a low moisture environment. * White Easy to Read tapes Stainless or 1095 Spring Steel - Do not oil or use solvents to clean this product.

White Easy to Read 1095 Spring Steel must be stored in a low moisture environment to prevent rust.

No periodic adjustments are needed.

Make sure the tape has not been stepped on or kinked, which may destroy the tape tolerance.

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