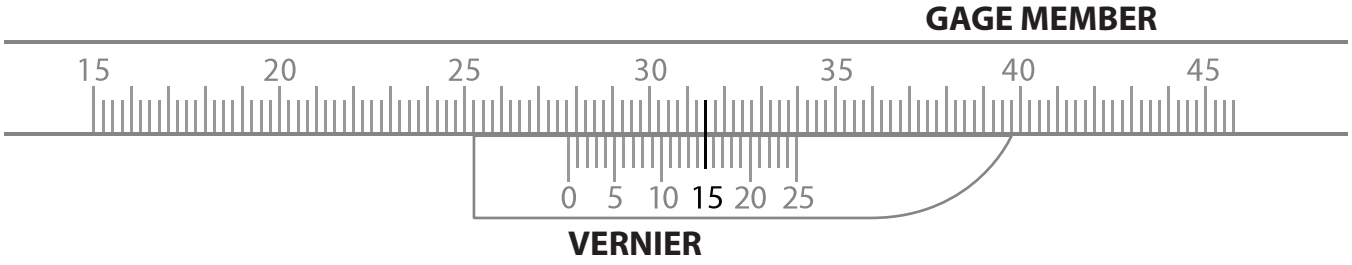
TO READ 0-25mm VERNIER METRIC OUTSIDE DIAMETER TAPES



Vernier Scale divides each graduation on Gage Member into 25 parts or .01mm

EXAMPLE

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

Each line on the gage member represents .25mm of diameter, while each line on the vernier represents .01mm.

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 2.25 kg 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 27mm plus 3 lines or 27.75mm.

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 15 (0.15mm).

Finally, to obtain the diameter of the object, simply add the two values together: 27.75mm + .15mm = 27.90mm.

Direct Inside Diameter tapes are not available in this style.

These Pi Tape® gages are guaranteed to ± .03mm accuracy.

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 accuracy.