

Veritas® Carpenter's Gauge

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U.S. Pat. 6,167,628

A multi-purpose compass ideal for the woodworker or carpenter who wants to conveniently carry a marking gauge and compass in a pocket. Manufactured from durable materials, the Veritas® Carpenter's Gauge comfortably lives in the harsh environment of a pocket or pouch with screws, nails and other items. The rotating pin carrier lets you store the gauge with the pin covered.

The stainless-steel scale is graduated in both inches and centimetres, for setting either radius or diameter.

With the use of the radius scale, the carpenter's gauge can be used as a marking gauge. With the diameter scale, it can be used as a center marker.

How to use the Carpenter's Gauge

As a Compass

1. Loosen the locating knob on the back of the pin carrier so it can be rotated freely.
2. Rotate the pin carrier into the position as shown in **Figure 1**, and tighten the knob slightly.
3. Slide the pin carrier to the desired radius or diameter. The inch scale is graduated in $\frac{1}{16}$ " increments for both radius and diameter. Similarly, the metric scale is graduated in 1mm increments for radius, and 2mm increments for diameter. For greater accuracy, push the carrier up so that it registers against the edge of the rule. Tighten the knob securely.
4. Insert the pencil into the retainer. A helix is molded into the retainer to allow you to twist the pencil into place, ensuring a snug fit. Most standard pencils will fit.
5. When you are finished with the carpenter's gauge, remove the pencil, if you wish, and return the pin carrier to its stored position. Ensure that the pin is protected within the cavity molded into the pencil retainer.

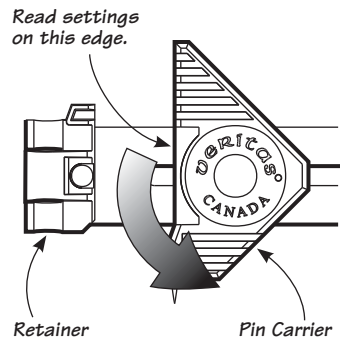


Figure 1: Compass position.

As a Marking Gauge

1. Rotate the pin carrier to the orientation shown in **Figure 2**.
2. Slide the pin carrier to the desired marking distance, using the radius scale only. Give the pin carrier a slight twist to ensure that it is securely located.
3. Tighten the knob.

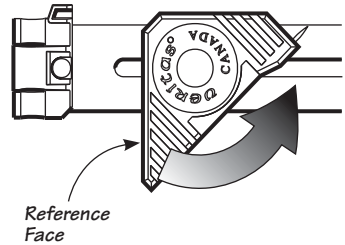


Figure 2: Marking gauge position.

As a Center Marker

Measure the width of the workpiece. With the pin carrier in the marking gauge position, use the diameter scale to set the width of the workpiece. Use the carpenter's gauge just like a marking gauge to draw a line exactly down the center of your workpiece (as shown in **Figure 3**). Marking a line from both sides of the workpiece will eliminate any error; you may get two lines very close together, from which the exact center can be easily determined.

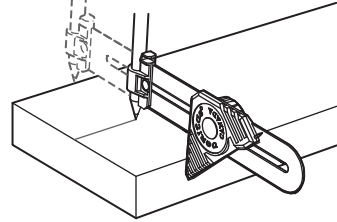


Figure 3: Center marking.

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