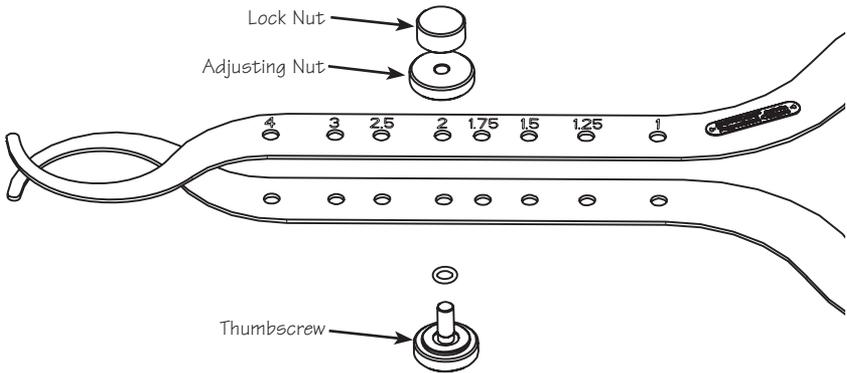


# veritas® Proportional Calipers

05N34.01 & .03

Proportional Calipers are used to scale up or down in the ratios marked on each arm by moving the joint system to matching sets of holes. For example, with the joint in the holes marked "2", the tip furthest from the joint will have twice the opening of the tips closest to the joint, and vice versa, allowing you to (in this instance) scale up 2X or down by half. At the 1:1 ratio, these calipers can also be used for direct measurement transfer.

The joint system consists of a brass thumbscrew, adjusting nut and lock nut.



With the thumbscrew placed in matching sets of holes for the desired scaling ratio, hold the thumbscrew to prevent it from turning, and hand tighten the adjusting nut until the arms have the desired amount of friction between them. You would normally want the joint set loose enough so that the arms can be set and reset by simply pulling them apart, yet tight enough so that they hold their setting. In order to keep the joint at this setting, hand tighten the lock nut while holding the adjusting nut.

Reverse the procedure to remove the joint system to set it at a different scaling ratio.

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