



Metrology

VIDEO: Caliper Calibration - How to Calibrate a Caliper

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In this Metrology Training Lab episode, Mitutoyo talks about how to calibrate calipers. In past episodes, Mitutoyo has defined the concept of calibration, discussed the purpose of calibration, and introduced important aspects of what makes a good calibration method. In this episode, they will apply all those ideas to the calibration method for a caliper.

Calibration is a search for errors and Mitutoyo wants to develop a calibration method that efficiently hunts down and finds any potential errors in the measuring instrument. So how do we best do that for a caliper? Well, there is a nice American National Standard for digital, dial, and vernier calipers, called ASME B89.1.14, and the calibration method they'll be discussing is based on that standard.

Previously Featured on Mitutoyo's YouTube channel.

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