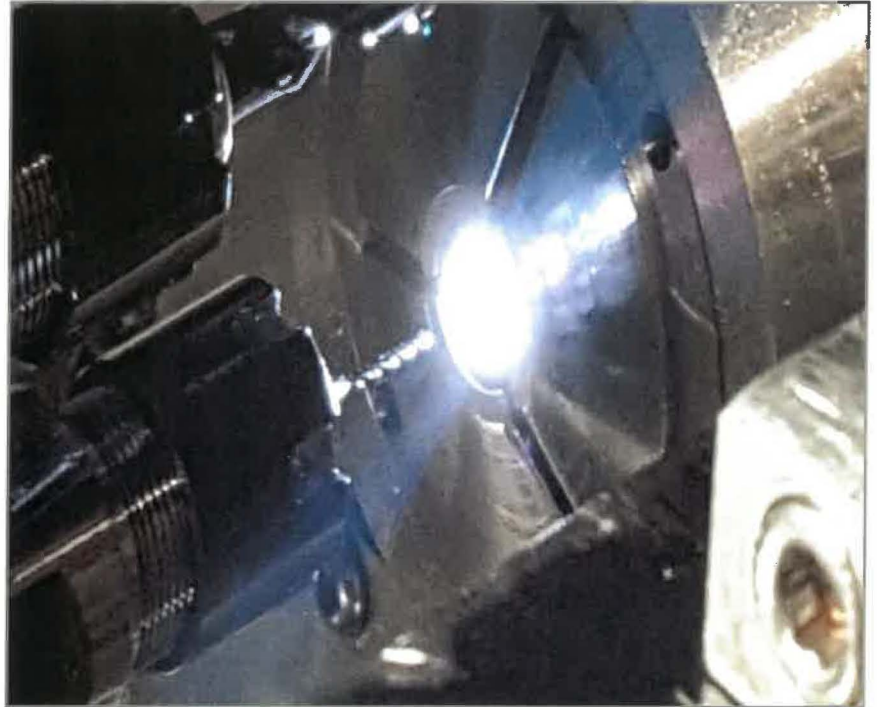




# Future Of Manufacturing Update

## Generation 2 Perfect Zero Cameras



The Perfect Zero camera line has been designed to offer machinists the ultimate tool for CNC machine alignment. Theory 168 continually challenges ourselves to improve our products in every way. I am very proud to introduce to you the Generation 2 digital sensors. All of our cameras now are assembled with this new technology.

This new technology gives you increased resolution. The clearer image on the software makes tool alignment more accurate than before. Combine the Generation 2 cameras with our Advanced software and you can zoom into the tool up to 500x directly from your computer. You will now be able to see alignment issues up close on a full screen.

Many other updates have been added to include a harder protective lens, longer USB cord, and upgrades to the internal component design. Perfect Zero Cameras speed up setups and process prove out time by getting tool alignment correct before ever machining the part. This proactive approach is much more efficient by solving problems before they happen.



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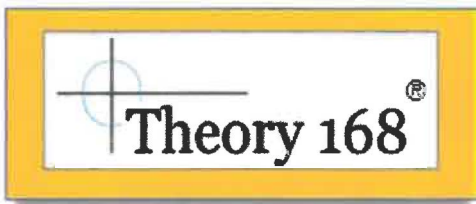
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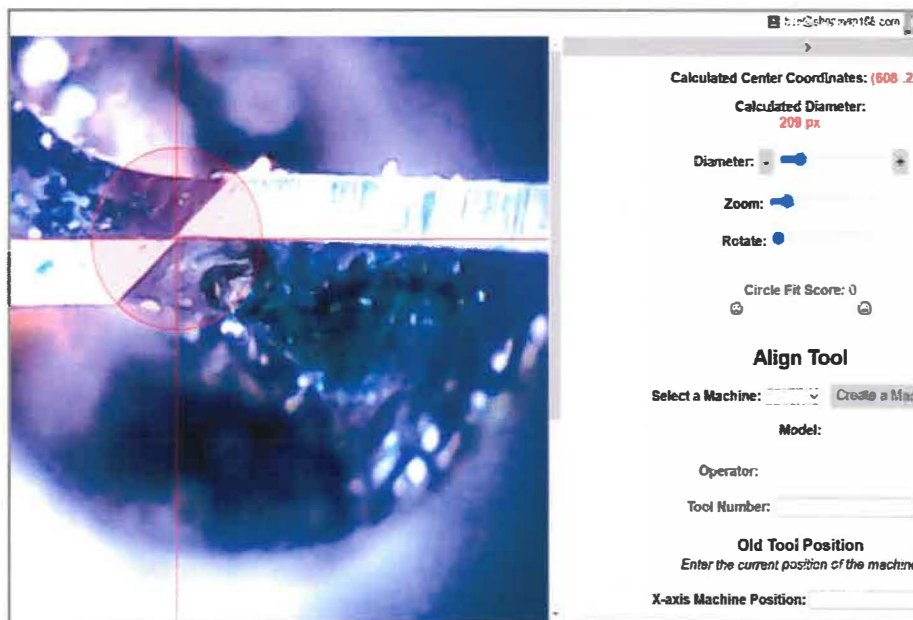
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December 12, 2021



# Generation 2 Perfect Zero Camera Update

The Generation 2 Perfect Zero Cameras come in a variety of sizes and direct fits. Our standard kit can be purchased for most 12mm or larger swiss machines. We offer a .500" kit (400-1108) and a 12mm kit (400-1104) depending the size of guide bushings and collets you may already use. For 10mm machines and smaller we have direct fit cameras that take the place of the guide bushing or the sub spindle nut.



The web-app upgrade is now available to our new and existing customers to complement and supercharge their Perfect Zero CNC Alignment kits. In addition, we are providing a no-cost update to our existing Perfect Zero customers for their locally installed Perfect Zero software. This update only improves upon our trusted earlier versions, leveraging some of our most recent technology. The team at Theory 168 can't wait to see how our customers respond to these exciting new software options. We look forward to hearing from you!

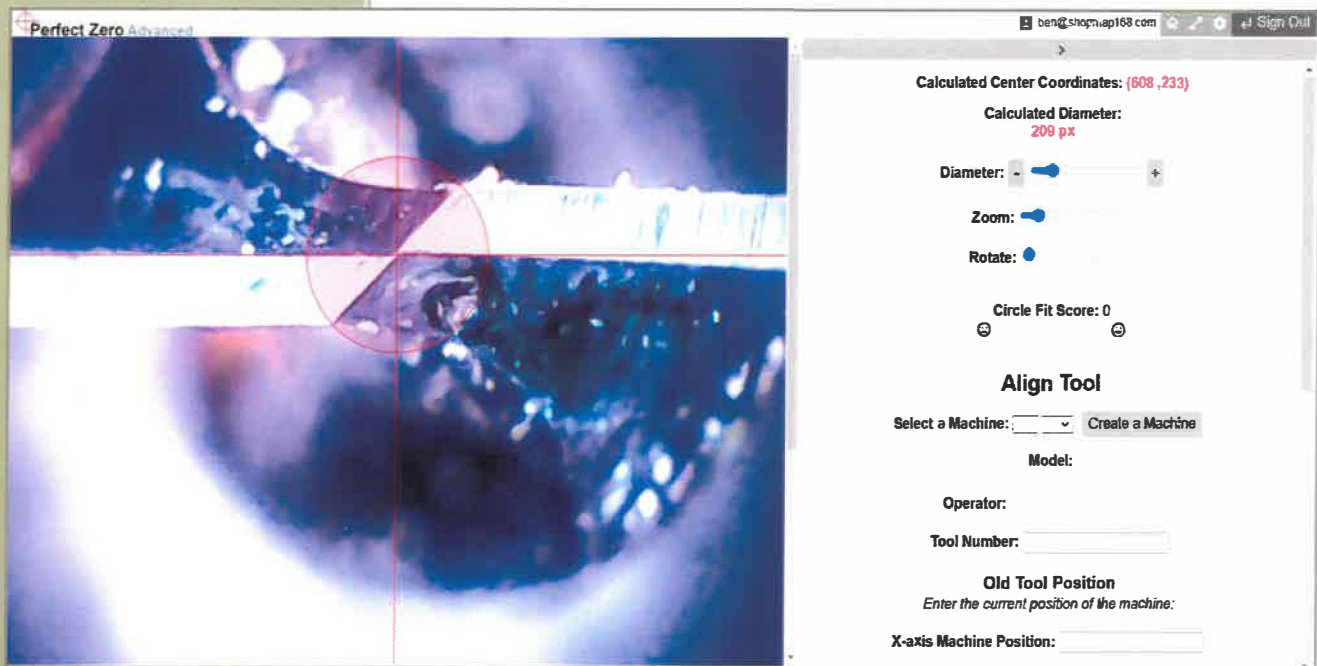
The Perfect Zero Advanced Web App (400-1120) is sold separately.





# Future Of Manufacturing Newsletter

## Perfect Zero Software Upgrade



I would like to introduce a Perfect Zero software upgrade. As always, it will improve your tool life and make it much more consistent with perfect positional alignment. This system reduces the amount of time it takes to setup.

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