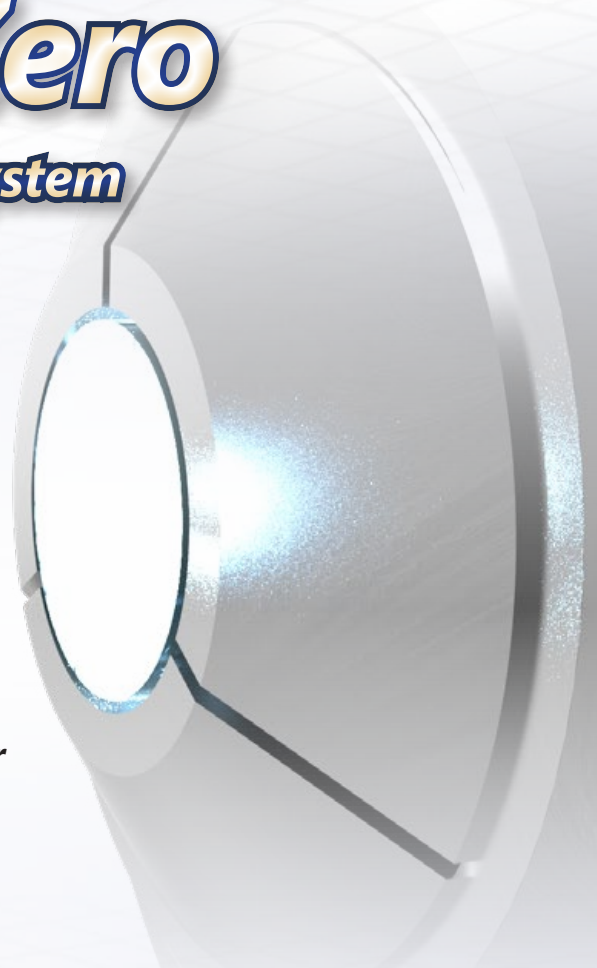
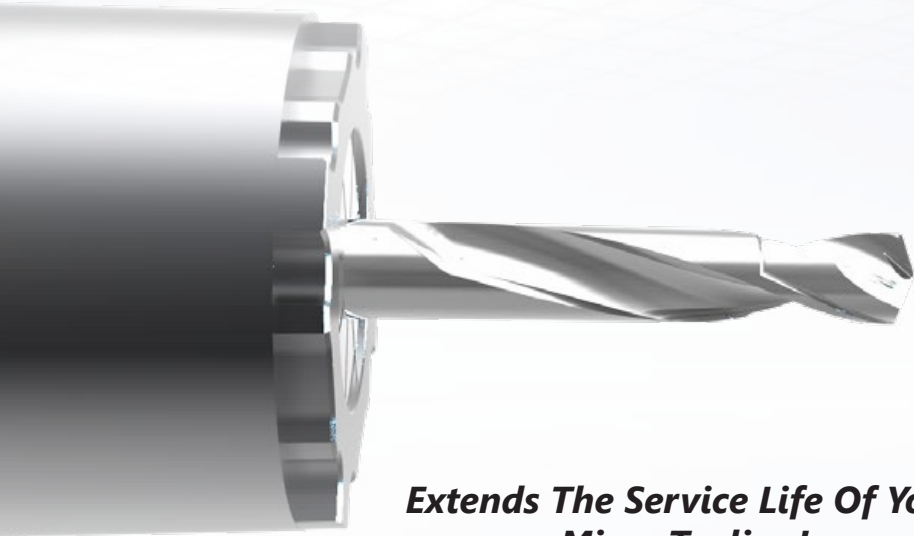




Perfect Zero

Visual Alignment System



***Extends The Service Life Of Your
Micro Tooling!***

Perfect Zero is a CNC Swiss alignment system that uses a non-contact camera coupled with the Perfect Zero software. This system offers a precise way to determine the current location of spindle and tool alignment as well as the exact measurement of misalignment. The easy-to-use system will prevent tool breaks and speed up the alignment process. Perfect Zero can be installed in many different configurations to fit any machine.

- Align tools on guide bushing & sub spindle sides
- Eliminates error by using non-contact optics
- No measuring gauges needed
- Center ID Tools As Small As .002in
- Center OD Tools Including Threading Tools, Turning Tools, & Y-Axis Tools
- Saves You Money By Extending The Life Of Your Perfectly Aligned Micro Tools

www.genswiss.com (413)562-4800

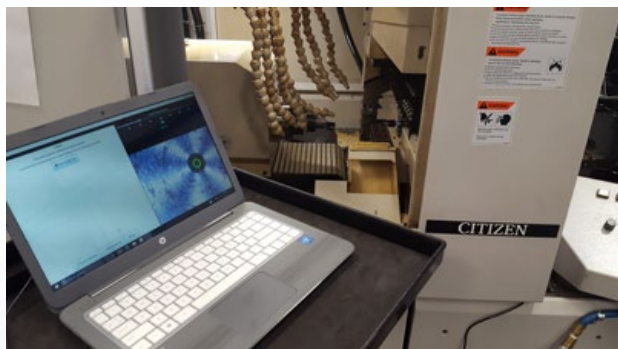
sales@genswiss.com

6 Old Stage Road, Westfield, MA 01085

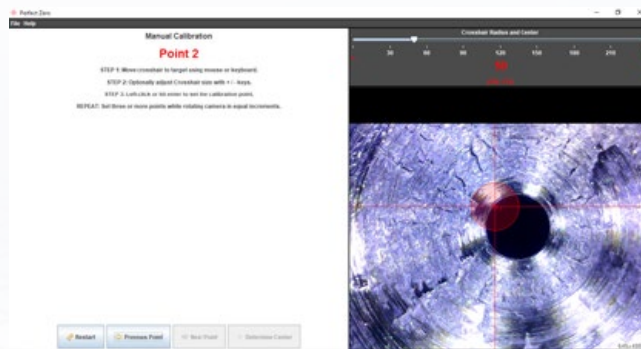


Perfect Zero Kit Includes:

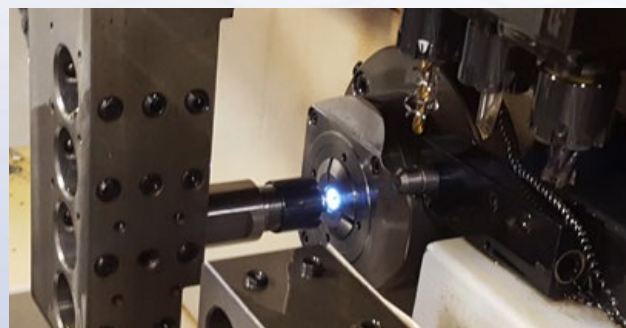
Contents	Description
Cameras	(1) 12.7mm Guide Bushing Camera, (1) 12.7mm Sub Spindle Camera
Visual Targets	(5) Targets with 0.25, 0.375, 0.5, 0.625, & 0.75in OD (All targets have 0.02in ID) Used for finding the center of your tool.
Laptop & Software	The Perfect Zero Software comes pre installed on each included laptop.
Service Cart	A wheeled cart useful for transporting Perfect Zero between multiple machines.
Carry Case	Durable carry case, ideal for storing all Perfect Zero components and taking on-the-go.



Perfect Zero aligning a micro tool on a Citizen Swiss-Style machine



Screen-screenshot of Perfect Zero Software sampling one of several points on tool



Camera in guide bushing, aligning ID tool in collet sleeve



Camera in sub spindle,