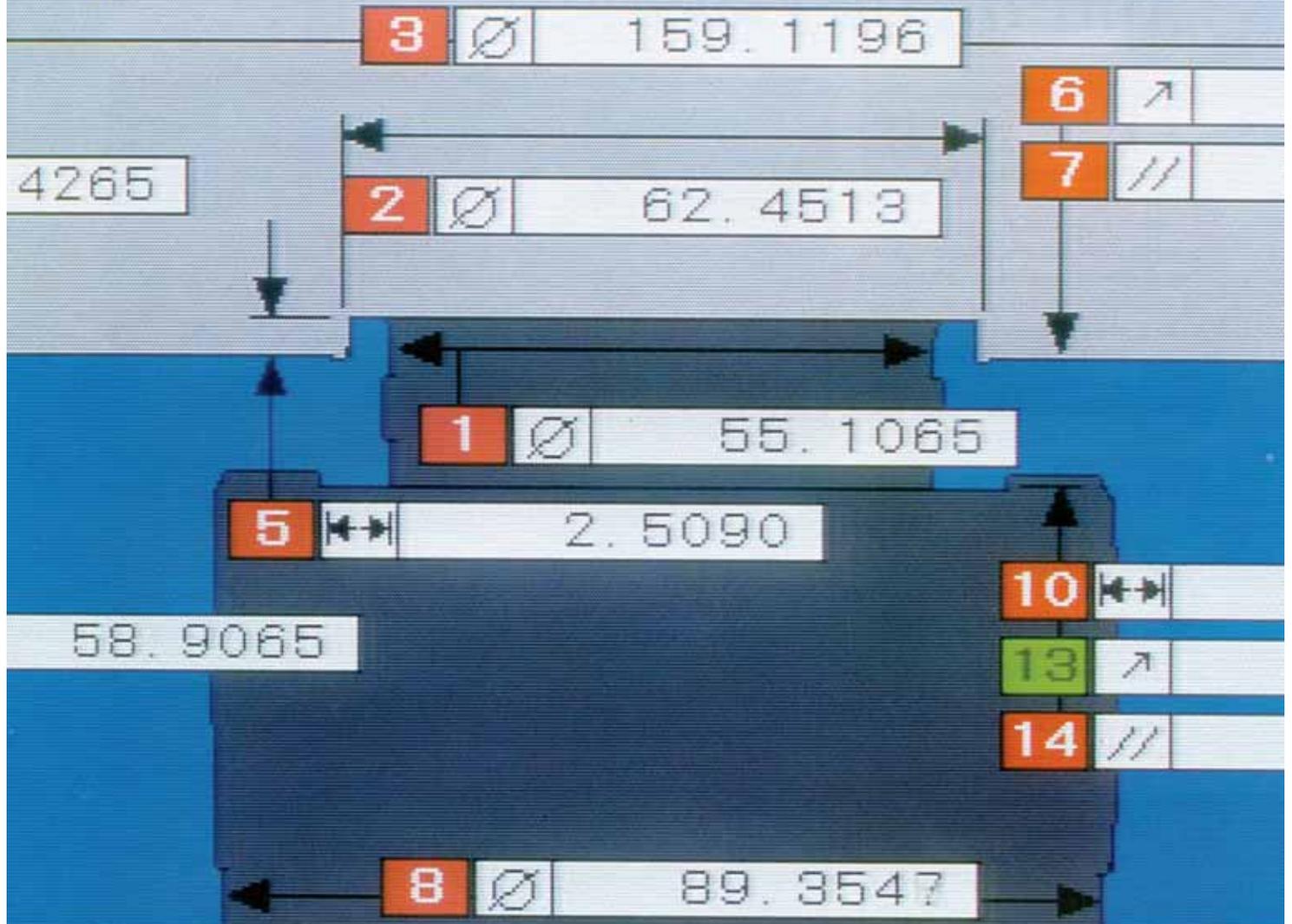


ON FILE

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UCL 54.6542
LCL 54.6376
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CR 1.08
CP 0.92
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CHECK 1



Schaefer Technologies Takes Off With Computerized Machine Feedback

Improve Efficiency and Reduce Scrap Through Automatic Gaging

Schaefer Technologies, Inc. (STI) designs and manufactures post-process gages for use in automated tool compensation through machine feedback. If you are not familiar with the process, it may sound a little complicated, but not the way STI designs their systems. Basically, these post-process gages bring to our customers close tolerance automated machining. These closed loop systems measure the part, statistically analyze the data and provide a running average feedback to the machine tool, so that tool offset adjustments are made automatically."

Other firms may make inline or post-process gages with automatic feedback systems, but STI can boast of a reputation for supplying a gage that provides extraordinarily close results with a very high degree of reliability.



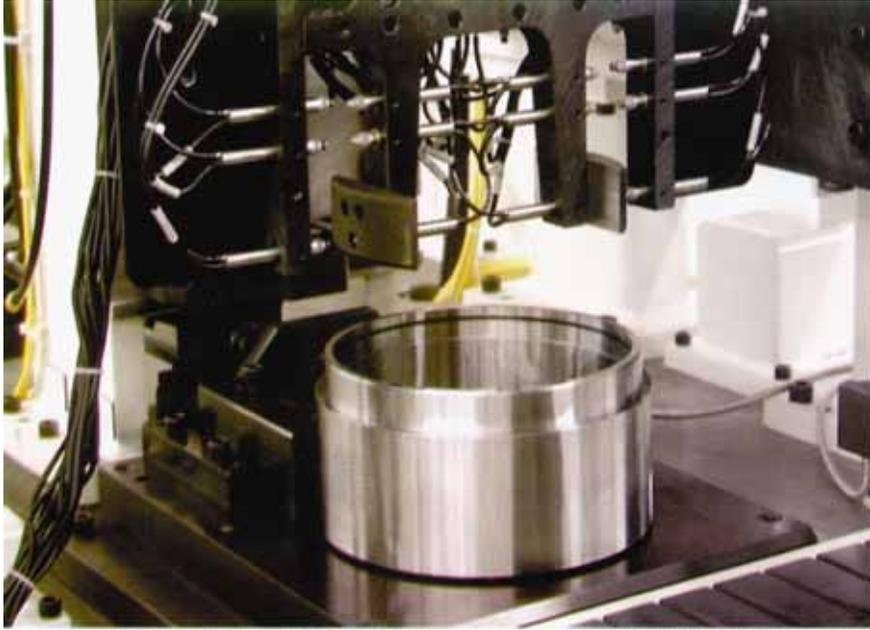
Another advantage of Schaefer Technologies automated tool compensation systems is how easy it is for an operator to make the system work properly. Some people describe it as a very intuitive system. You don't have to take any classes! All the instructions are on the screen. You don't even have to read the manual because the program is menu driven."

Schaefer Technologies, Inc purchased Hamblen Gage in 2005. Hamblen Gage had been making gages since 1952 and building automatic feedback systems since 1995 , which made them one of the leaders in the industry. Schaefer Technologies has continued with, and improved on, that history of excellence.

If you require close tolerances that must be held consistently, an automatic feedback system like ours is the only way to maintain productivity. In fact, manpower and quality is improved with automatic feedback systems. Your throughput is much higher if the part goes right out of the machine into a gage and on to the next machining step."

A big benefit of this system is compensation. Typically, manufacturers don't want to use the entire tolerance when they are manufacturing a part. Automatic gaging keeps you in the middle of the tolerance range.

Repeatability and reliability are the cornerstones of the Schaefer Technologies system. All of which means a bigger bottom line, increasing productivity and reducing cost.



If you can hold grinding tolerances on a lathe you will cut out secondary operations and a lot of part handling.

If a company integrates CNC equipment onto their manufacturing floor and stops there, they will realize some benefits, but they will have gone only half way. They can increase their benefits and increase their savings by adding post process gaging with machine feedback to their equipment

Just because they integrate CNC equipment on their floor doesn't mean that intolerance parts are going to fall out the back door. It will machine parts in a very efficient manner, but without some sort of gaging equipment they are losing additional productivity. You really need to close the loop with machine feedback to maximize the process capability.

Everybody has to verify the quality of their part and STI's system does it automatically with feedback rather than having an operator punch numbers, possibly with errors.

To ensure reliability in the feedback system Schaefer Technologies provides certified masters that can be used at specified intervals to verify the system is gaging properly.





The majority of components STI uses to build their automatic gaging systems are available commercially, so if a part breaks a new one can be obtained quickly.

SERVICE

Service is the major difference between Schaefer Technologies, Inc. and its competitors. We respond to our customers needs! Every system we build comes with thorough documentation and an interactive CD. The entire manual is copied onto the CD in hypertext format that can be viewed by the Microsoft Explorer Web browser.



Schaefer Technologies, Inc. is multi-dimensional international manufacturer. Established in 1932, we are a family owned business spanning three generations. With the expansion to our 60,000 square foot facility, we are poised for the future.

Our most powerful tool? Commitment. The team and technology, brought together in a single entity. Combining these resources empowers Schaefer Technologies to deliver on our promises. It's a corporate philosophy that has built one of today's American success stories. As a result, the company has grown both in overall size and scope of capabilities to serve a number of diverse customers throughout the U.S. and the world.



If you are looking for someone on the edge of creative engineering to solve your toughest problems, you can compare Schaefer Technologies, Inc. to the best in the world.

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