

Matched Gauging System

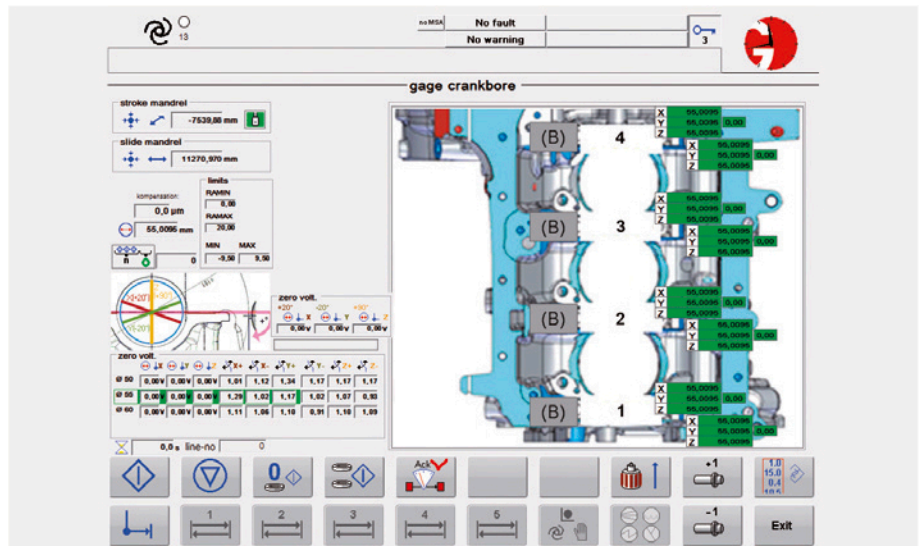
Gehring gauging components can be applied in our honing machines as well as in stand-alone gauging machines. Gauging mandrel, digital transducer and gauging computer are perfectly matched. Our gauging system distinguishes by its robustness and high measurement accuracy. Whereas our honing machines provide for precision and functionally optimized surfaces, our gauging systems make the achieved quality visible.

Gauging Computer represents results

Our gauging computer enables the clear representation of our measured results on the user interface of the Gehring operator panel (GOP). The operator therefore uses the same interface as for the operation of the honing machine. A standard system facilitates the combined handling with the honing machine and the gauging system. In addition, the measured data can be saved in the history of the GOP. Furthermore the Q-STAT Software can be integrated.



Gauging Computer

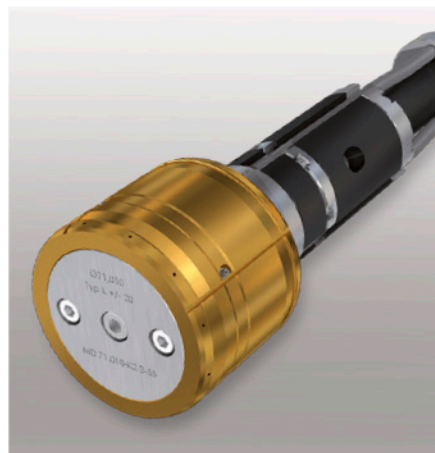


Gauging

Standardized Gauging Mandrel

With the new Gehring gauging mandrel we offer our customers an accurate and standardized gauging tool for bore controls.

The gauging mandrel is impressive with its measurement accuracy and can be easily exchanged if necessary. To prevent damage of the gauging mandrel, in the case of touching the part, the receptacle is spring loaded. Together with the wear-resistant TiN surface, longevity of the system is guaranteed.



Gauging Mandrel

Digital Transducer

The new digital transducer was developed to avoid the disadvantages of analog systems. It offers multi-channel measuring and simple part specific calibration. Exchange and installation can be performed without a computer. The transducer transfers the pneumatic measuring values of the gauging mandrel via electrical signals to the gauging computer. The Gehring gauging computer shows the prepared results on the unit interface.



Digital Transducer

Trust in the technology leader with many years' experience and global presence! Innovative technology combined with an economical mindset sets us apart.