

Consistent and reliable process chain from ZOLLER
for your manufacturing with the CHIRON Group

ZOLLER
expect great measures

CAM to Part



CHIRON Group



TWO PARTNERS FOR CAM TO PART

Collaboration

Everyone has their own strengths. However, all of this potential unfolds only when all of these strengths are perfectly coordinated. The cooperation between ZOLLER and the CHIRON Group makes the overall process more economical for your manufacturing. One continuous production process: reliable and effective, from CAM to Part.



ZOLLER
z.One database

CAM interfaces

ZOLLER TMS Tool Management Solutions manage your tool data from purchasing to use in the machine tool. With **ZOLLER CAM interfaces** to 26 major CAM systems, you can get your production process started quickly, and release your potential.

Smart Cabinets

With **ZOLLER Smart Cabinets**, you check and activate your tool inventory directly and effectively for planned production jobs.

Measure and adjust

The **»venturion«** presetting and measuring machine is user-independent, and measures exactly to 2 µm and generates the tool shell contour for the **3D simulation**. This facilitates the exact transformation from the digital world into tools that are ready for use, with high-precision actual data for reliable use in the CHIRON machine.

Automation

The ZOLLER **»cora«** tool logistics automation solution for clamping tools automates tool measurement on the presetting and measuring machine and handles transportation and tool change to the CHIRON machine fully automatically. Your entry into **24/7 production**. Use your tool inventory economically by providing tools to the machine fully automatically, corresponding to the production job.

Tool Identification

The tool identification system **»zidCode«** handles the transfer of your tool data to the CNC machine error-free. This system works best with the **»idChip«** for the unique identification of your tools.

Data Transfer

ZOLLER **»zidCode«** and the **CHIRON 16, 22, 25 and 28 series** communicate perfectly with each other. The tool data arrives at the machining center in controller format. The digital system **Protectline** from the CHIRON Group carries out a real time simulation that precedes the production process in milliseconds to ensure final and safe production process monitoring. The **3D tool envelope contour** generated in **»venturion«** is used for this. After production, you have the option of transmitting tool data such as the tool life to TMS Tool Management Solutions from ZOLLER. In this way you use the tools economically, based on the available tool life.



ZOLLER

Solutions

More speed, higher quality, safe processes – with ZOLLER, you increase the efficiency of your production. ZOLLER offers you outstandingly precise devices for adjusting, measuring and testing cutting tools, software, interfaces, cloud services and solutions for the automation of tool processes. You can combine all of this to create your individual system solution – on your way to the smart factory.

Presetting & Measuring

Tool Management

Inspection & Measuring

Automation

Everything from a Single Source.

Everything for your Success.

Everything with ZOLLER Solutions.

ZOLLER
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Tool presetter and measuring machines

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