

Everything for presetting, measuring, inspecting,
and managing your tools from a single supplier

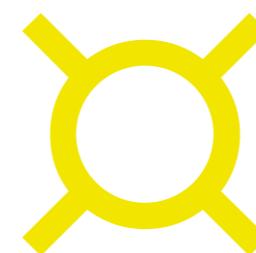
ZOLLER
expect great measures

ZOLLER
Solutions



Efficiency Booster for Your Production — **ZOLLER Solutions**

More speed, higher quality, safer processes — your aim is the maximum efficiency of your production. Our goal is to support you with carefully considered system solutions focused on presetting, measuring, inspecting, and managing tools. We offer outstanding products and comprehensive production expertise to help you achieve your goals. Thanks to decades of experience, we can provide just the right combination of hardware, software, and service — and a connection to the future. Everything from a single supplier. Everything for your success. Everything with ZOLLER Solutions.



ZOLLER Solutions

Presetting & Measuring
Tool Management
Inspection & Measuring
Automation



With the Right Settings, You Simply Go Farther

Minimize setup times, avoid tool scrap, prevent machine crashes — precisely measured tools and seamless data transfer are a must for efficient processes. With ZOLLER presetting and measuring machines, you achieve these goals more easily, quickly, and conveniently: For example, by using the intuitive user interface in our »pilot« software, including direct transmission of tool data. The »eQ« single-hand operating device offers easy slide adjustment and clamping. Or use the membrane keypad for power-activated tool clamping.

Whether you work in the automotive, aerospace, mechanical engineering, or medical technology industry, whether you are a mid-sized contract production company or a large manufacturing plant, whether you need universal or specialized equipment, directly beside the CNC machine or in a measuring room: ZOLLER has solutions that simply take you further — now and in the future.

»

Before, our specialists set up everything on the machine. The ZOLLER system's setup sheets are an advantage, especially for repeat parts. Today, tool organization is tip top, and the success is there: We have 10 to 15 percent more cutting performance.

Christian Hast, Managing Director of Anfotec Antriebstechnologie GmbH

ZOLLER »pilot« Navigates You Securely to Your Goal



With ZOLLER »pilot«, you have everything you need: An extremely easy-to-use graphic user interface that guides you through every measurement step-by-step — for consistent, precise results independent of the individual user. Maximum flexibility due to its modular design, which allows you to add new measuring programs at any time. Almost unlimited measuring possibilities — whether you're using standard tools or specialized geometries. And seamless test reports at the touch of a button that keep you well prepared to meet constantly growing quality demands.

To put it another way: With »pilot«, you'll always have exactly the scope of functions you need, the security of being able to react quickly to future challenges, and of course, absolute precision.



TOOL ID NO. 1245

Effective cutting angle	6°
Clearance angle	10°
Diameter	10.0 mm
Chamfer width	0.25 mm
Length	120 mm



Make Short Work of Quality Control

ZOLLER measuring and inspecting machines work precisely. With good repeatability. And independent of the individual user. Whether you're using standard tools or specialized tools like tap drills, whether you're measuring at goods-in, directly beside the production machine, or at shipping for a final inspection: ZOLLER has the right device for every parameter and every application — from entry-level devices for professional tool inspection, to high-end universal measuring machines including measurement of cutting edge preparation.

Always there: Seamless documentation for certifiable quality. And all with extremely simple operations that allow you to complete even complex measuring tasks quickly and fully automatically at the push of a button. That's how ZOLLER allows you to benefit from secure processes in your own production, offering your customers guaranteed precision.

»

In addition to precision, ZOLLER measuring technology has another major advantage: speed.

Benedict Lochmatter, Technology Coach at FRAISA SA

The Right Program for Every Measurement Task

Flexibility included: With the »pilot« measuring program, you can handle a broad range of measuring tasks — from contour measurement to cutting edge preparation inspection. And you can do it all quickly and simply, including seamless documentation showing that you use and deliver top-quality tools. You can send this guarantee directly to your customers in the form of an inspection certificate, along with the good feeling that goes with offering your customers true added value.

Smart, Right Down the Line — From Order Receipt to Delivery

Do you need a tool management system that integrates seamlessly into your overall process? That offers you consistent data, from the CAM system to the machine? With real tool data or data downloaded from the cloud? A system that takes over your existing tool data, along with its structure? And that can integrate third-party systems? Then ZOLLER TMS Tool Management Solutions is your solution.

With modular BRONZE, SILVER, and GOLD software packages, you get exactly the scope of services you need — including the option to expand. The central z.One tool database combines virtual and real data about your tools, allowing you to call the data up during every step of production. That saves you the trouble of maintaining data in two locations, optimizes your tool inventory, and accelerates your processes. Simply smart.

»

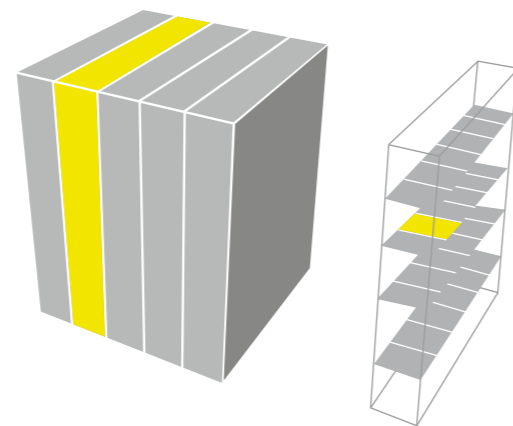
With TMS Tool Management Solutions, tools are organized in a clear and manageable way. This has significantly reduced time spent searching for tools, leading to an increase in efficiency and significant reduction of error rates.

Patrick Pfeffer, STIHL Project Manager, Introduction Tool Management System



Even Smarter — The Right ZOLLER Solutions for Tool Storage

You can finally have all your tools in view and within reach. With ZOLLER TMS Tool Management Solutions, you'll have complete control. The direct interface to warehouse management puts you in control of your warehouse with appropriate access rights and full transparency over stored tools and tools in circulation. No more searching for the right tool because all tools will be stored properly. You will work faster and decrease costs, all while effortlessly optimizing your tool inventories for full production and planning security.



Working for You 24/7 — The Solution for High Tool Throughput

Ideal for 100% control and logging with high tool throughput: ZOLLER automation solutions for presetting, measuring, or inspection, as well as cleaning and labeling your tools. Our automation solutions load almost any ZOLLER measuring machine around the clock, 7 days a week, completely autonomously. This allows you to handle and document even complex measuring tasks fully automatically. Maximum process security and measuring accuracy are guaranteed through automatic path correction during feeding and a loading system which is mechanically decoupled from the measuring device. Seamless production processes are guaranteed.

»

Our goal was to achieve one hundred percent automated measurement and labeling of our tools before delivery. This is especially of interest to customers in tool and mold construction, who often manufacture a batch size of one. This provides them with security, and they can start autonomous production immediately using the delivered, measured tools.

Ralph Hufschmied, Managing Director Hufschmied Zerspanungssysteme GmbH



Service

Our Service — Your Added Value

We offer comprehensive service to ensure maximum efficiency in your production. From training, repair and maintenance service, and personal consulting on site, to developing perfectly tailored solutions for your individual requirements. With ZOLLER on your side, you not only get excellent products, you also get unique production know-how. And of course, competent partners to answer questions at any time — over the entire lifecycle of your ZOLLER products.

ZOLLER
Erfolg ist messbar



At Home in Germany – around the World for You

- Headquarters
- Home office
- Branch office
- Agency

ZOLLER quality is “made in Germany” –
and there for you, anywhere in the world.

Our company has its own locations and
branches at 85 sites in 62 countries guarantee-
ing we are close to customers and can provide
first-class, personal customer advising in local
markets.

GERMANY

HEADQUARTERS

E. Zoller GmbH & Co. KG
Presetting and measuring machines
Gottlieb-Daimler-Straße 19
D-74385 Pleidelsheim
Tel: +49 7144 8970-0
Fax: +49 7144 8970-70191
post@zoller.info | www.zoller.info

ZOLLER NORTH

E. Zoller GmbH & Co. KG
Service and Sales Center
D-30179 Hannover

ZOLLER EAST

E. Zoller GmbH & Co. KG
Service and Sales Center
D-04158 Leipzig

ZOLLER WEST

E. Zoller GmbH & Co. KG
Service and Sales Center
D-40764 Langenfeld

AMERICA

USA

ZOLLER Inc.
North America Headquarter
USA-48108 Ann Arbor, MI
sales@zoller-usa.com | www.zoller-usa.com

ZOLLER Inc. Pacific
USA-90503 Torrance, CA
sales@zoller-usa.com | www.zoller-usa.com

CANADA

ZOLLER Canada Inc.
CAN-LSN 8G4 Mississauga, ON
sales@zoller-usa.com | www.zoller.info

MEXICO

ZOLLER Tecnologías S de R.L. de C.V.
Col. San Angel Querétaro
Qro. C.P. 76030, Mexico
sales@zoller-usa.com | www.zoller.info

BRASIL

ZOLLER do Brasil
Nova Vinhedo, Vinhedo – São Paulo
CEP 13284-198.

EUROPE

AUSTRIA

ZOLLER Austria GmbH
A-4910 Ried im Innkreis
office@zoller-a.at | www.zoller-a.at

SWITZERLAND

ZOLLER Schweiz GmbH
CH-9016 St. Gallen
info@zoller-ch.com | www.zoller-ch.com

FRANCE

ZOLLER France
F-67380 Lingolsheim
info@zoller.fr | www.zoller.fr

SPAIN + PORTUGAL

ZOLLER Ibérica S.L.
E-08006 Barcelona
correo@zoller.info | www.zoller.info

TURKEY

Zoller Ölçüm Teknolojileri San.ve Tic. Ltd. Sti.
TR-16120 Nilüfer / Bursa
info@zoller-tr.com | www.zoller-tr.com

RUSSIA

LLC ZOLLER Russia
RU-111123 Moscow, Russia
info@zoller-ru.com | www.zoller-ru.com

ISRAEL

ZOLLER Israel GmbH
Ramat Yishay 3009500
info@zoller-il.com | www.zoller.info

POLAND

ZOLLER Polska Sp. z o.o.
60-104 Poznan
biuro@zoller-a.at | www.zoller.net.pl

SLOVAKIA + CZECH REPUBLIC

ZOLLER CZECH s.r.o.
602 02 Brno
suchna@zoller.cz | www.zoller.cz

ASIA

INDIA

ZOLLER India Private Ltd.
IN-Pune 411019 Maharashtra, India
info@zoller-in.com | www.zoller-in.com

CHINA

ZOLLER Shanghai, Ltd.
Asia Pacific Regional Headquarter
RC-201108 Shanghai
info@zoller-cn.com | www.zoller-cn.com

ZOLLER Asia Pacific, Ltd.

RC-Kowloon, Hongkong
info@zoller-cn.com | www.zoller-cn.com

JAPAN

ZOLLER Japan K. K.
JP-564-0037 Osaka, Japan
info@zoller-jp.com | www.zoller-jp.com

THAILAND

ZOLLER (Thailand) Co. Ltd.
Amphur Muang Chonburi, TH-20000 Thailand
info@zoller-in.com | www.zoller-th.com

INDONESIA

ZOLLER Singapore Pte. Ltd
Indonesia Representative Office
Tambun - 17510, Bekasi, Jawa Barat
info@zoller-in.com | www.zoller-in.com

SINGAPORE

ZOLLER Singapore Pte. Ltd
SG - 199589 Singapore
info@zoller-in.com | www.zoller.info

MALAYSIA

ZOLLER MALAYSIA SDN. BHD.
Malaysia Representative Office
MY-Petaling Jaya | Selangor Darul Ehsan,
Malaysia
lau@zoller-my.com | www.zoller-in.com

VIETNAM

ZOLLER Vietnam
VNM-Ho Chi Minh City, Vietnam
info@zoller-in.com | www.zoller-in.com

KOREA

ZOLLER Korea Co., Ltd.
KOR-15119 - Siheung-Si, Gyeonggi-Do,
South Korea
info@zoller-kr.com | www.zoller-kr.com

REPRESENTATIVES

Argentina, Australia, Belarus, Belgium, Bolivia,
Brasil, Chile, Costa Rica, Colombia, Croatia, Denmark,
Estonia, Finland, Great Britain, Hungary, Iran, Ireland,
Italy, Latvia, Lithuania, Luxembourg, New Zealand,
Netherlands, Norway, Pakistan, Peru, Romania,
Saudi Arabia, Sweden, South Africa, South Tyrol,
Taiwan, United Arab Emirates, Venezuela

All ZOLLER Solutions at a Glance

If not otherwise indicated, presetting and measuring machines and measuring and inspection machines are equipped with ZOLLER »pilot« image processing software. The »pom« series is equipped with ZOLLER »pomSoft« image processing.

TMS Tool Management Solutions

Automation



 STARTER Software package for transparent tool data in the manufacturing process and order in your tool store	 BRONZE Software package for economically organizing complete tools, single components, and machines	 SILVER Software package for effective warehouse management and standardized production data management	 GOLD Software package for a transparent process chain and solid cost control
 »toolOrganizer« The intelligent tool cabinet for quickly finding your tools and tool components	 »keeper« The roomy tool cabinet for economically storing your complete tools	 »twister« und »microtwister« Tool dispensers for transparent tool component and accessory parts output	 »toolStation« Workbench for optimal tool assembly
 »toolTower« For universal tool assembly			

 »roboSet / venturion« Smart automation solution for presetting and measuring cutting tools	 »roboSet 2 / threadCheck« Smart automation solution for complete measurements, even with helical tools	 »roboSet 2 / genius« Smart automation solution for 100% checks of all cutting tools	 »roboBox« Automated modular assembly and measurement system for cutting tools
---	---	--	--

Presetting and Measuring Technology

Tool Measuring Technology

 »smileCompact« Vertical presetting and measuring machine for contract manufacturing	 »smile« Vertical and professional entry-level presetting and measuring machine	 »venturion 450« Premium presetting and measuring machine with a modular design	 »venturion 600/800« Modular premium class presetting and measuring machine series with expanded measuring range	 »hyperion 300« Horizontal presetting and measuring machine specifically for lathe manufacturing	 »pomBasic« Inspection machines for near-process measuring and inspection of drill bits, milling tools, and countersinks, also designed for micro-geometries	 »pomSkpGo« Mobile solution to measure cutting edge preparation	 »pomZenit« with »pilot« The measuring and testing bench for cutting head production directly beside the machine	 »smartCheck« The powerful universal measuring machine for tool inspection	 »genius 3s« The universal measuring machines for precision tools
 »hyperion 500/700« Horizontal presetting and measuring machine series specifically for lathe manufacturing with expanded Z axis measuring ranges	 »redomatic« The universal presetting, measuring and heat-shrink machine	 »tribos« The presetting, measuring and heat-shrink machine with TRIBOS clamping system	 »gemini« The presetting and measuring machine for crankshaft cutters	 »zenit« CNC presetting and measuring machine for routing and angular cutting heads	 »genius 4« The modular universal measuring machine for precision tools	 »threadCheck« Universal measuring machine for completely measuring helical tools	 »3dCheck« The solution for 3D digitalization of workpieces and tools	 »titan« The high-end universal measuring machine for fully automated measurement of complete tools	 »hobCheck« Universal measuring machine for complete measurements of cylindrical hob cutters
 »millCheck« CNC presetting and measuring machine for face milling cutters and CAP cutters	 »aralon« The CNC controlled measuring machine for crankshaft milling tools with interior cutting tool edges	 »reamCheck« The measuring machine for tactile measurements of cutting inserts with fine adjustment, specialized reamers	 »powerShrink« Inductive manual heat-shrink machine for HSS and carbide tools	 »toolBalancer« Modular balancing system for the highest precision	 »sawCheck« Measuring and inspection machine for fully automated measurements of metal saw blades, precise to the µm				



ZOLLER Solutions

More speed, higher quality, reliable processes –
with ZOLLER you get more out of your production process.
We combine hardware, software and service
to create optimum system solutions for presetting,
measuring, inspecting and managing tools.

Presetting & Measuring

Tool Management

Inspection & Measuring

Automation

Everything from a single source.
Everything for your success.
Everything with ZOLLER Solutions.

Headquarters in Pleidelsheim

E. Zoller GmbH & Co. KG
Tool presetter and measuring machines
Gottlieb-Daimler-Straße 19 | D-74385 Pleidelsheim
Tel: +49 7144 8970-0 | Fax: -70191
post@zoller.info | www.zoller.info

ZOLLER North

E. Zoller GmbH & Co. KG
Service and Sales Center
Wohlenbergstraße 4 c | D-30179 Hannover
Tel: +49 511 6765 57-12 | Fax: -14
zollernord@zoller-d.com

ZOLLER West

E. Zoller GmbH & Co. KG
Service and Sales Center
Friedrich-Krupp-Straße 7 | D-40764 Langenfeld
Tel: +49 2173 59670-90 | Fax: -81
zollerwest@zoller-d.com

ZOLLER East

E. Zoller GmbH & Co. KG
Service and Sales Center
Fugger Business Park | Fuggerstraße 1 B | D-04158 Leipzig
Tel: +49 341 332097-60 | Fax: -61
zollerost@zoller-d.com

ZOLLER
expect great measures