

REVOLUTION IN TOOLGRINDING

If you have any questions about our products or services, we are always **happy to assist you** at + 49 (0) 74 73 - 70200 **or** sales@gds-germany.com



**PROFESSIONAL
CLAMPING SYSTEM**
FOR WINNERS

GDS Präzisionszerspanungs GmbH // Endelbergstraße 8 // 72131 Ofterdingen

Telephon: + 49 (0) 74 73 - 7020-0

E-Mail: info@gds-germany.com
Web: www.gds-germany.com



5-jaw chuck technology

GDS SHARK – ZOLLER »ajc«



grinding deserves SOLUTIONS

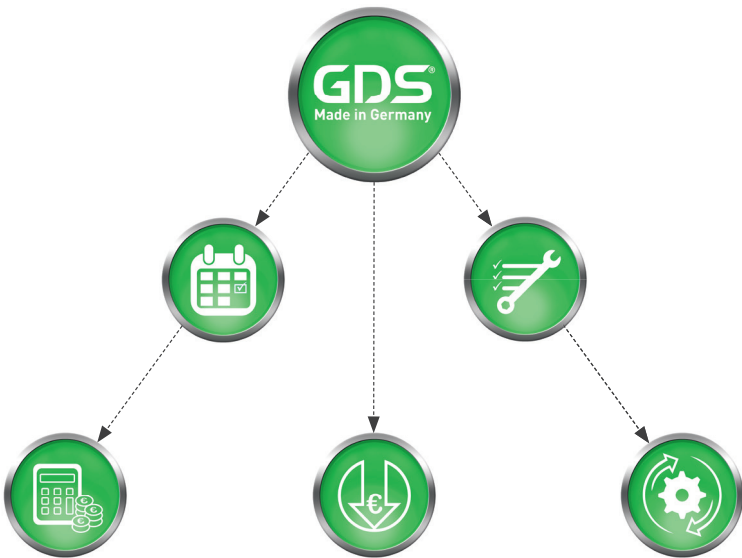




The 5-jaw clamping technology (multi-range clamping) for ZOLLER measuring machines is a groundbreaking solution that enables highly precise, efficient, and low-wear measurement without the need for additional accessories such as collets, and is certified as metrologically capable.



The flexible clamping system for maximum precision



Main Advantage: Enables clamping of various diameters without time-consuming changes of collets or sleeves, reducing setup costs, minimizing downtime, and significantly increasing production efficiency. The primary benefit lies in the cost savings from eliminating the need for additional accessories such as collets or sleeves.

Precision: Ensures highly accurate μ -level operation with the option for fine adjustment.

Efficiency: Provides fast clamping and is suitable for automated loading.

Durability: Achieved through specially coordinated, membrane-supported materials.

Service: Benefit from our excellent maintenance and support services.

The most flexible and precise clamping solution for Zoller measuring machines – engineered for efficiency, accuracy, and long-lasting process reliability.



- For holding cylindrical tools with automatic tool clamping
- Stepless tool clamping, diameter 3–20 mm, no intermediate sleeves required
- For ZOLLER high-precision spindle >>ace<< size I
- Alignment capability for runout and wobble according to instructions
- Minimum clamping depth: $2.5 \times D$
- Clamping depth up to 100 mm
- Includes an exclusive case with test dummy, accessories, and insertion aid.

Game Changer

The 5-jaw technology from GDS, designed for measuring devices, provides flexible multi-range clamping for tool grinding and ZOLLER measuring machines. It clamps different diameters without additional collets, distributes forces symmetrically, and ensures high runout accuracy, stable processes, and excellent surface quality. The system is quick to set up, suitable for automated operations, and, thanks to its certified metrological capability, reliable at the μ -level. When used in a clean environment, it remains virtually wear-free, and maintenance or revisions can be performed cost-effectively – making it ideal for efficient and economical production. This technology is suitable for both standard and special tools, supporting flexible production processes. At the same time, it provides high repeatability, ensuring consistent adherence to quality standards.