

Individual applications require individual tooling solutions. With Zeus Custom your special application requirements are realized efficiently and economically.

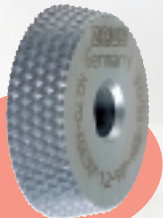
Right from the engineering concept through to prototyping and manufacture, our motivated expert team will assist you with the necessary support and advice.

« These special knurling wheels,  
reduce my production costs! »

**Zeus Custom:**  
**Process safety for conical knurling applications!**

A speciality of our production capability are Zeus Custom knurling wheels for conical applications.

- Highest quality guarantees superior process safety
- Individual support for an optimal tool design



**Zeus Custom:**  
**Turn your profile rolling machine into a knurling machine!**

Knurling wheels Zeus Custom are suitable for all types of profile and thread rolling machines.

- Efficient and flexible production possibilities with highest process safety
- Increased tool life for an absolute cost optimization



ZEUS  
Germany



# Zeus Custom. For every application the perfect solution!

Zeus Custom:

## Tailor-made solutions for thread rolling heads!

Knurling wheels suitable for thread rolling heads (tangential and axial tool direction).

- High flexibility, as Zeus Custom knurling wheels are also suitable for knurling applications on thread rolling heads
- Cost savings through multiple application possibilities
- Individual support with the optimal tool design



Zeus Custom:

## Cycle time optimization with twin and multiple knurls!

For an efficient industrial production process, the reduction of cycle time is a decisive cost saving factor.

- High flexibility through individual design of the knurl width and the knurl distance
- Multiple plunging not necessary, therefore the cycle time can be reduced



## Application examples Zeus Custom:



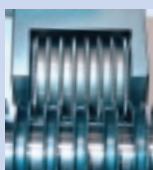
### Guarantee for a safe seal!

Zeus Custom knurling rolls are used for packaging machines where a reliable seal is absolute priority (e.g. condom packaging)



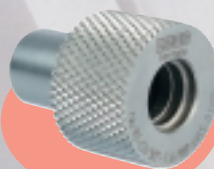
### Application roller for adhesives in the leather processing industry.

Machine:  
Adhesive application machine  
Fortuna / KAM 2001/52 RGV1,6x90



### Multiple knurl Zeus Custom for the manufacturing of cutter blocks for paper shredders.

(HSM Pressen GmbH + Co. KG)

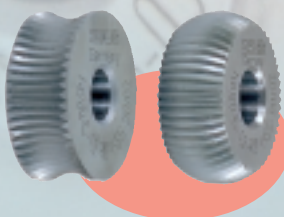


Zeus Custom:

## Application rollers for a safe seal!

For an even application of the adhesive a Zeus Custom knurling roll does the job perfectly.

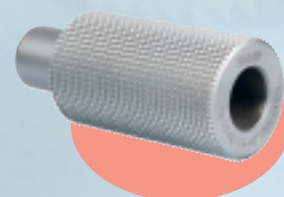
- An even application of the adhesive through a precise tool design
- The high transport safety ensures a reliable application process and safe sealing



Zeus Custom:

## Convex and concave knurling wheels for striking profiles!

- With Zeus Custom convex forms can be knurled and concave work pieces can be visibly improved



Zeus Custom:

## No matter how hard the pressure: Zeus feed rollers resist.

High reliability is the critical success factor in the paper and print industries. Don't make any compromises. We recommend Zeus Custom feed rollers for

- Increased tool life and
- Guaranteed process safety

The Hommel + Keller Präzisionswerkzeuge GmbH  
is part of the Hommel + Keller group.  
Benefit from the synergies resulting from the  
close cooperation between our three companies.



Success through synergies!  
Quality is the source of our success.  
Flexibility and speed to market  
ensure your success.



High profile tools!  
Knurling wheels, knurling tools, cut knurling tools,  
marking tools, special tools. Individual, customized  
tool solutions from engineering to prototyping.



Hardening is our job!  
Full hardening service with over 30 years of  
experience and all heat treatment processes.  
State of the art hardening plants and technologies  
ensure absolute efficiency and quality.



High-tech PVD coatings!  
Innovative surface technology for cutting  
and forming tools with qualified advice.

Hommel + Keller Präzisionswerkzeuge GmbH  
Postcode 11 60 · D-78550 Aldingen  
Telephone: +49 7424 9705-0 · Telefax: +49 7424 9705-50  
zeus@hommel-keller.de · www.hommel-keller.de