

HERTWECK



KNOW-HOW. PRECISION. QUALITY.





| PARTNER WITH KNOW-HOW |

OUR PHILOSOPHY

As a modern family-owned company we put special emphasis on excellent service. Our philosophy is characterised by individual technical advice and problem-solving. You can contact us any time and we will work out solutions and improvements for your production process.

Our Hertweck team is characterised by a solid structure. Extensive experience combined with continuous training of all our staff guarantee the highest level of quality. To meet our customers' requirements and specific orders we dispose of well trained engineers, CAD-specialists and skilled staff. Continuity is guaranteed by vocational training of young talents.

OUR PRECISION

Precision is our job. State of the art computer assisted design and most modern machines guarantee highest precision in the execution of our customers' order. With more than 50 years of experience, Hertweck produces rolling tools for flat die and thread rolling machines as well as rolling machines with planetary dies. We also specialise in coldforming racks for the production of toothing systems.

CONSULTING & DEVELOPMENT

According to your screw design we develop the rolling die. We use our expertise to assist you in the first rolling trials. We optimise your dies' durability and lifetime regarding:

- Layout design of the profile
- Basic material
- Thermal treatment
- Surface finish

Various basic materials and surface finishing procedures are available. For many years our 'platinum' edition provides enormous advantages regarding rolling high-strength materials and screws 10.9 as well as 12.9. Thus lifetime was immensely increased with the latest generation 'platin 2010'. Special coatings optimise the dies' lifetime concerning rolling of aluminium.

DELIVERY TIMES

We have installed a considerable stock for our customers containing:

- Metric rolling dies in standard measurements
- Extensive blank stock in two material qualities (shortens delivery time)
- On-demand storage for regular requests upon agreement

REGRIND-SERVICE

When the profile on your tools begins to fade, we do offer an extensive service for regrinding your dies. Please contact us for further details.

| SERVICE |

Our service starts with the development and optimisation of your dies and continues with our regrind-service. Together, we achieve the maximum of economic efficiency.





## ROLLING SYSTEMS



## PLANETARY DIES



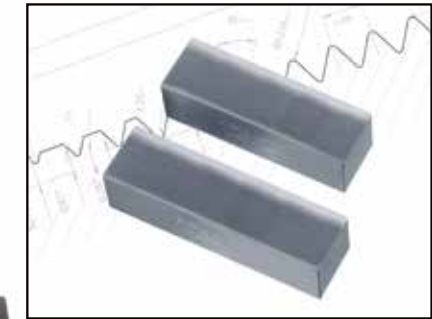
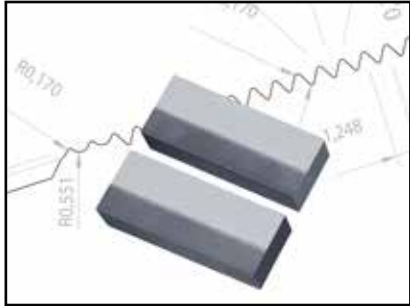
## ROLLING DIES



## FLAT DIES



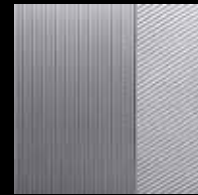
## ROLLING TOOLS FOR LICENCED PRODUCTS



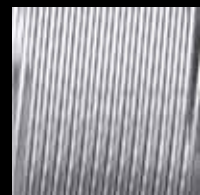
## PROFILES

We supply rolls for the infeed and throughfeed-operation. Standard and special profiles as well as serrations for all common types of machines can be produced.

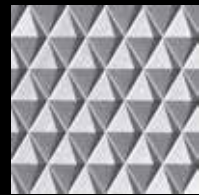
Of course we regrind your tools.



Screw and pallet-nails



Trapezia



Knurling



Worm

## PORTFOLIO WITH PRECISION

Since 2006 we have been producing grinded tools under licence. By doing so we guarantee highest profile precision and repeatability. The quality of your products will increase as well as lifetime of the tools will remarkably prolong. Of course, we regrind these tools, too.

### acument

- Rivtex
- Strux
- Acupoint
- Mag-Form

### MATHread

- MATHread
- MATpoint

### CONTI

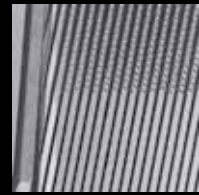
- Taptite II
- Taptite 2000
- Duo Taptite
- Powerloc
- Remform



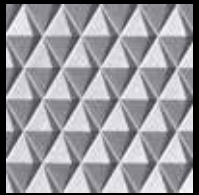
Screw and pallet-nails



Combined



Shear-off



Knurling

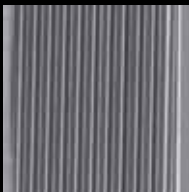
COLDFORMING RACKS



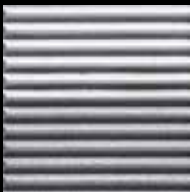
IMPACT ROLLS



MARKING TOOLS



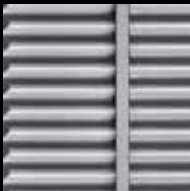
Racks for thread



Racks for splines



Racks for oil-grooves



Racks for spline with a groove

We deliver flat dies with standard, knurling and special profiles for all known machine types. Our regrind-service is always available for you.

In addition to optimisation of your tools' lifetime, we would be pleased to investigate whether two rolling processes can be combined in one die.



Gearing with nut

Hertweck marking tools for stamping machines and machining centres stand out due to years of experience, highest precision and consistent prime quality. Besides standard products we also supply special marking tools of any kind as well as holders for marking rollers especially for machining and milling centres.

We specialise in dealing with difficult tasks and synchronise closely with the requirements of our customers. Our technicians will gladly assist you.





## ADDITIONAL SERVICES

Apart from our product portfolio, we offer individual comission processing with our modern machinery. Our well-trained and experienced staff is available to execute the following short-term services:

### WIRE ERODING

We have four wire eroding machines on stand by, ensuring short-term delivery dates. Many years of experience guarantee for highest quality. This makes us a most reliable partner for our costumers.

Max. dimensions: 700 x 400 x 350 mm (LxWxH)

### SALT BATH HARDENING

Highly precise control and eco-friendly disposal characterise our salt bath hardening facility.

Max. dimensions: Ø 250 x 300 mm

### PROFILE GRINDING

We hold the most modern 7-axle CNC-machines for flat and circular grinding to meet your profile grinding needs. Difficult profiles are our standard. We are happy to advise you.

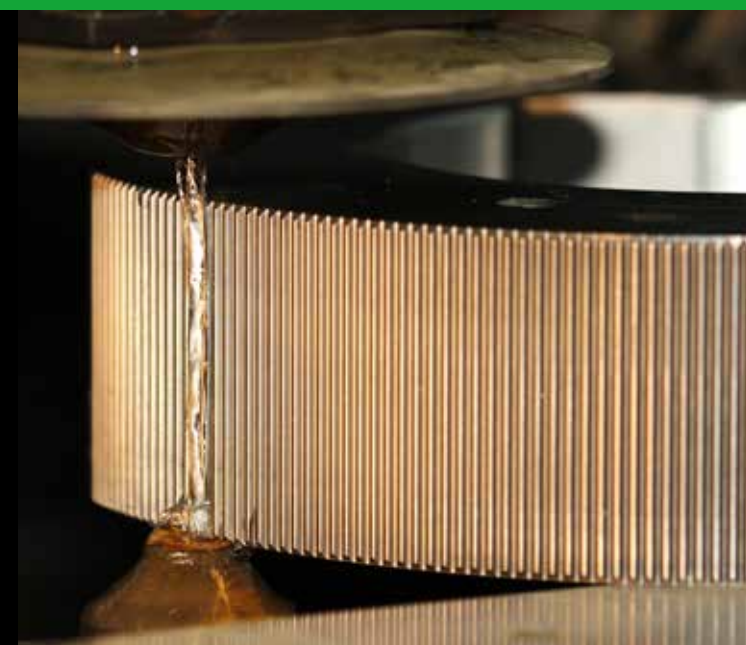
Max. dimensions surface grinding: 1000 x 400 x 320 mm  
Max. dimensions circular grinding: Ø 350 mm

## DIN EN ISO 9001:2015 CERTIFIED

Highly sensitive measuring systems ensure and document high dimensional accuracy with closest tolerances. Our quality policy is proven by the certification according to DIN EN ISO 9001:2015 and defined in the quality management manual QMM.

## OUR PRODUCTION

In our technical and design department we develop rolling tools according to your requirements – supported by modern CAD-systems. We dispose of a wide material stock in all common steel qualities and measurements. Modern CNC-machines in the milling and grinding production assure a 100% repeatability.





INCREASE YOUR PRODUCTIVITY WITH  
EVEN MORE PRECISE TOOLING.

HERTWECK QUALITY PRODUCTS.



## REFERENCES

Many well known companies of different industry sectors benefit from our portfolio.  
We are a reliable and certified supplier of the following industries:

- AEROSPACE INDUSTRY
- AUTOMOTIVE INDUSTRY
- SCREW AND FASTENER INDUSTRY
- DRIVE SYSTEMS AND COMPONENTS







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