



VERSCHLEISSTECHNIK KÄMPFER GMBH



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KÄMPFER GMBH**



Till Kämpfer



Our experience and quality for your wire products

We are a family run company in transition to the 2nd generation of entrepreneurs.

A strong sense of tradition as well as forward looking, responsible management form the basis of our company culture and values: Trust, Responsibility, Partnership, Customer benefit and last but not least passion for quality and continues improvement.

As valued partner of the wire and cable industry we supply the leading equipment and wire manufactures for wire drawing, stranding, bunching, and all related wear parts with high quality products.

Long tool life, excellent wire quality and economic use of our products convince our challenging customers for decades.

The challenging technical demands- as well as individual requests of our customers is both an inspiration and an obligation for us to continuously work on improving our high performance tools.

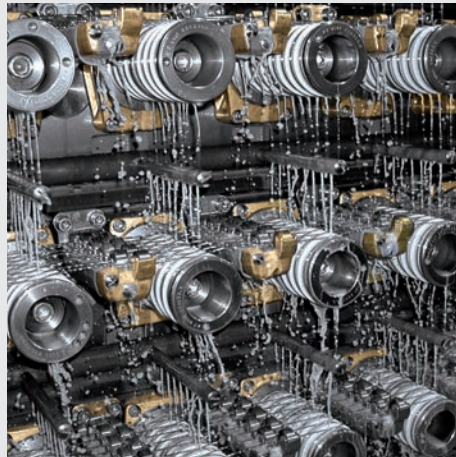
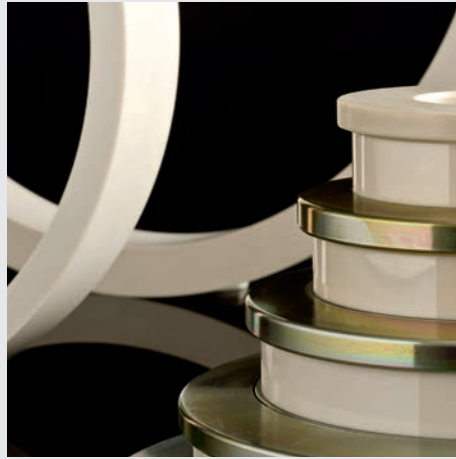
Our range of services includes a complete range of wear tools with self developed and standardized products including coating as well as individual services.

The proven expertise of our employees as well as our state of the art manufacturing infrastructure are the guarantors of our consistently high quality and efficiency.

Our manufacturing and technical infrastructure includes e.g.:

- In house CAD/CAM system
- CNC milling equipment for all cutting, rotary-grind, and fine grinding
- Spray coating line
- Vacuum oven for sintering of carbide coatings

Please contact us, we are looking for your challenges



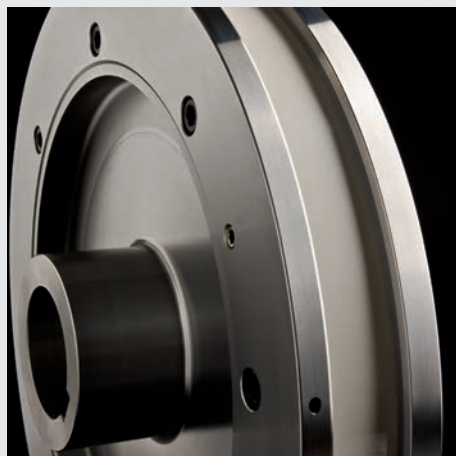
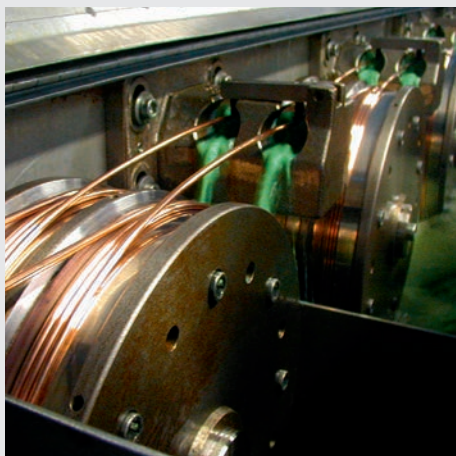
Drawing Tools

We are manufacturer of various drawing capstans, rollers and cones for all single and multiwire drawing application.

For our combined steel-ceramic design in zirconium oxide we exclusively use high grade ceramic material.

The ceramic materials distinguish themselves by the extreme high wear resistant, high density, ultra small grain structure, and super polished and pore free surface. Depending on the application we can equip the drawing capstans and cones in various materials, material combination, and coatings:

- Steel with ceramic or tungsten carbide coating
- Steel hardened
- Combined steel-ceramic
- Solid Ceramic



Drawing Capstans, Pull out Capstans, Coiling Capstans

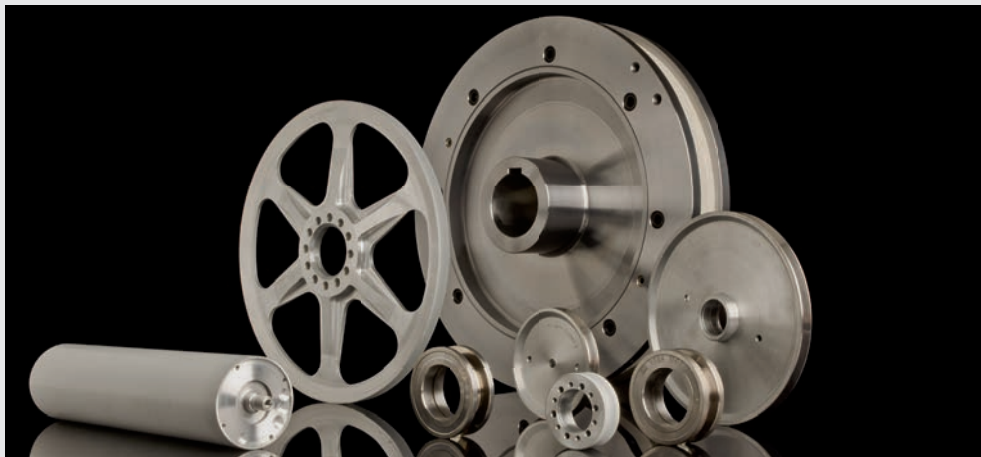
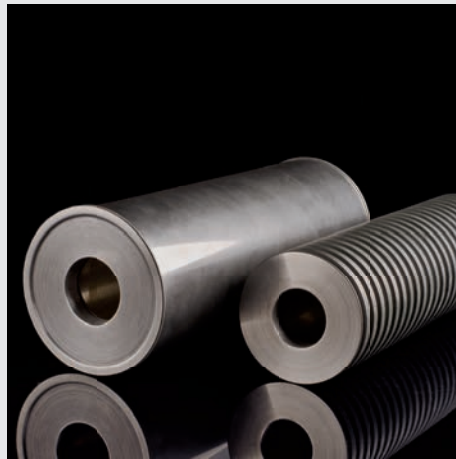
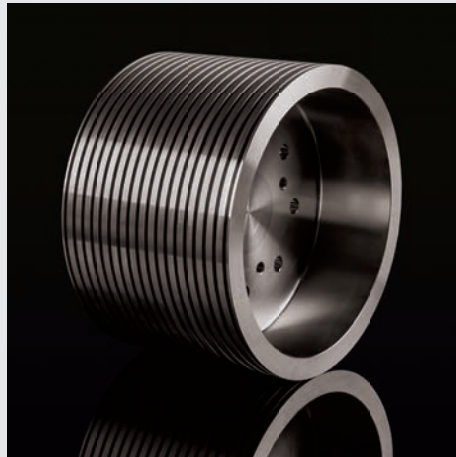
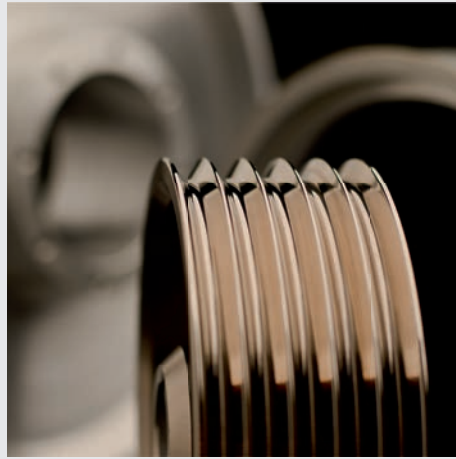
For applications in Rod break down lines we deliver various capstans in size and geometrical design:

We manufacture capstanes in various:

- Materials: Cast/Steel coated, Steel hardened steel, ceramics
- Sizes: Diameter up to approximately 1.200mm
- Coatings: Hard metal, various ceramic coatings

Innovative products at VT Kaempfer are a result of a permanent dialogue and close cooperation with our customers.

With the first bi-conical drawing capstans for Rod break down lines and the further development for series production VT-Kämpfer proved its know-how and innovation skills in the wire and cable industry, since more than 30 years.



Guide Pulleys

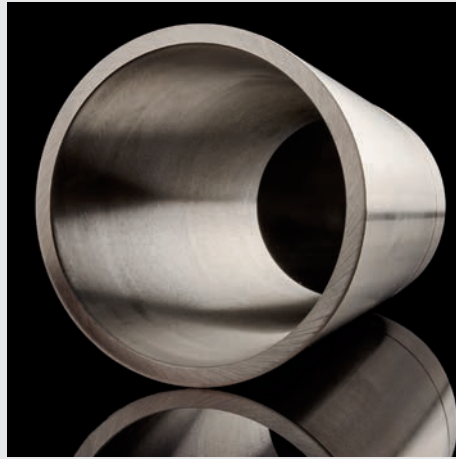
We offer a specific developed wire guide pulley assortment in standardized sizes from 25 mm to 1,200 mm OD.

Our standard guide pulleys assortment includes cascading pulleys for secure wire guiding and pulleys with cylindrical ground for multi wire applications.

We manufacture guide pulleys in different geometrical shapes and of different materials:

- Aluminum with high wear resistant coatings
- Steel with high wear resistant coating
- Harden steel
- Special designs in combined steel/ceramic or solid ceramic made of alumina, zirconium, or silica oxide ceramic

Depending on the application we manufacture well proven and high wear resistant coatings electrically conductive or non-conductive.



Annealer contact tubes and wire guide rollers

We manufacture numerous high precision contact tubes and wire guide rollers for resistance annealers in OEM quality.

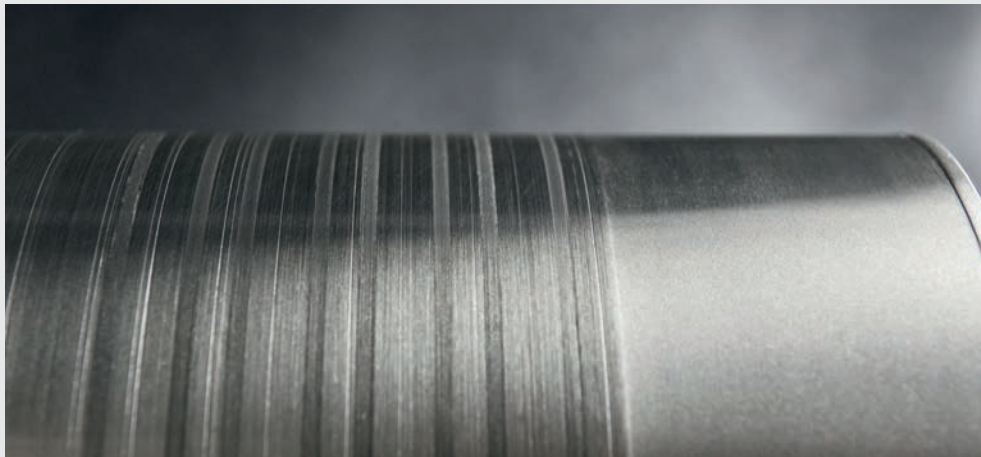
Wire guide rollers are mostly made out of aluminum, electrically non-conductive coated with ceramic.

Contact tubes are made out of precision cut steel cylinders with a high thickness nickel coating.

- Wear layer thickness: up to 1mm
- Diameter: up to 500mm
- Length: up to 600 mm

In addition to new parts we offer for our refurbishing service with grinding and re-coating.

Special design with different diameters within the same tube are made according to customer's specifications.



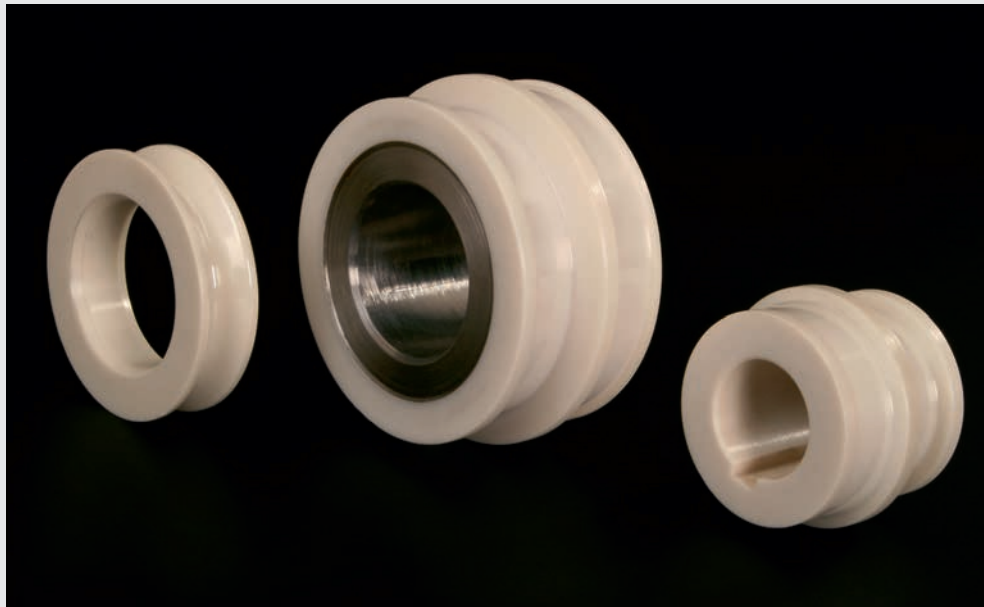
Service and Refurbishing of used Drawing Tools

Supplementary to our assortment of new manufactured parts we offer our customers repair and refurbishing services for used drawing tools.

Repair or refurbishing has proven to be a highly appreciated and cost efficient complement to new parts.

Depending on the wear stage of the respective tool our repair and refurbishment services we are able to extend the lifetime of tools by:

- Regrinding / Polishing
- New coating
- Repair of worn out parts made of combined steel-ceramic tooling



Miscellaneous Wear Parts

We are completing our product portfolio with miscellaneous wear parts for all applications for the wire and cable industry.

The assortment on the miscellaneous part includes:

- Guiding parts manufactured in ceramic or hard metal materials
- Eyelets
- Ceramic pins and guide rods
- Shaving dies for Cu wire
- Wear parts for stranding bows

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