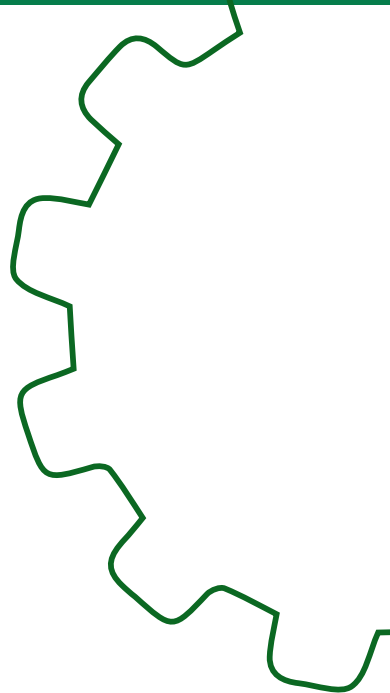




OUR TECHNOLOGY DEVELOPS AND REALIZES YOUR IDEAS!

Our Global Sourcing helps you save!
The Kownatzki Technology Network.

www.kownatzki-technology.com



From Subcontractor to global Network

For over 20 years I was General Manager of a gear company and for 11 years I was president of a subcontractors Association (AKZ- Baden-Württemberg e.V.).

Since 2009 the market for subcontractors has changed dramatically. The globalisation of purchasing makes innovation in products more important than ever. Many companies can make standard gears but the pressure is on to make quality products when costs are so high. This is where many German subcontractors have problems as they cannot deliver the quality customers seek and still make a profit.

Today the customers are not only looking for a pure subcontractor, they are looking for a partnership regarding consulting, engineering, design and technology. That is why I founded Kownatzki Technology:

A company that specialist in consulting of medium sized and family owned companies, and delivering sophisticated parts out of the mechanical engineering.
A Network of more than 100 specialised companies is supporting us.
Kownatzki Technology and our experienced product managers are coordinating the network and the customer projects.

The basic Idea is: Together we are successful in international projects. The Customer is able to source his parts globally with just one experienced contact person.

**As a team we are able to engage globally –
Alone we can only act on a regional basis!**

For more information
we will be available for you



Michael Kownatzki

Kownatzki Technology

Our Team of Experts:

- Specialists in Market Research
- Consulting and engineering of gears and mechanical parts
- Competence in Heat-Treatment
- Competence in Materials
- Competence in manufacturing technologies

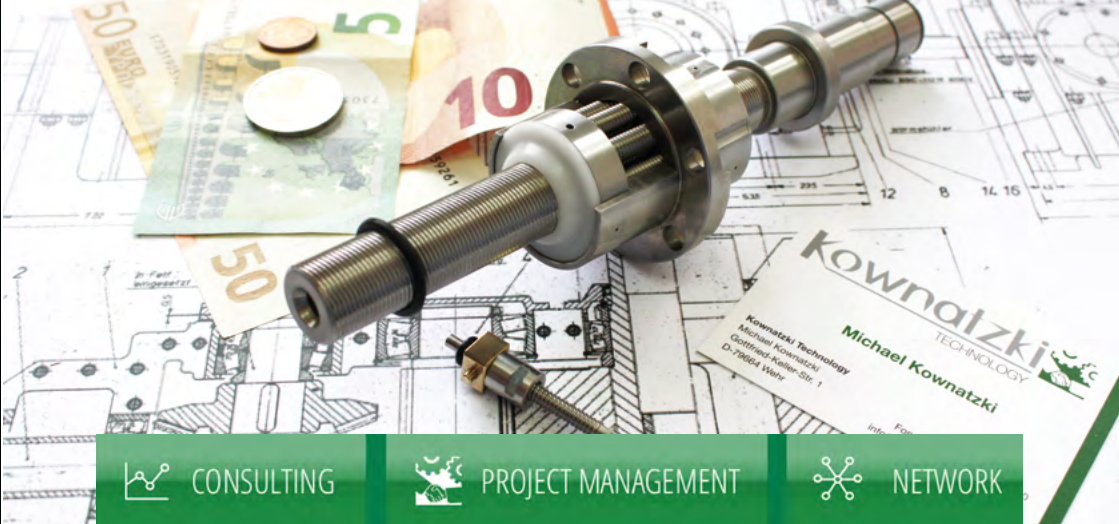
Our basic idea

- No manufacturer is able to cover everything
- Get one single, but competent partner
- We take the strength of our selected partners/manufacturers and let them work for you
- We are coaching the projects

You Benefit From:

- Quality
- Communication
- Competence
- On-time delivery

Our Global Sourcing helps you save!



CONSULTING

PROJECT MANAGEMENT

NETWORK

CONSULTING

PROJECT MANAGEMENT

NETWORK

CONSULTING

Why invent the wheel a second Time?

Kownatzki Technology is consulting medium sized, family owned companies.

We are focused on:

- Purchasing of complex and sophisticated parts
- Sales
(organisation, developing new markets or increasing existing business, marketing and much more)
- Improving your internal processes in organisation and manufacturing

Because we have extensive experience, we are able to set up quick and efficient solutions.

If you need support, do not hesitate and call us!

Take advantage of our Experience!



PROJECT MANAGEMENT

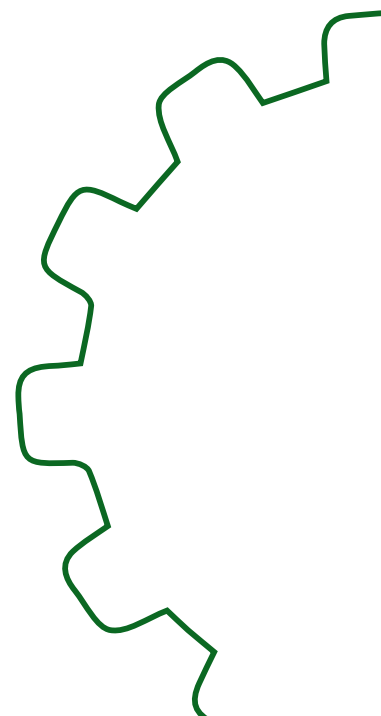
There is more than just consulting;
we care about your products!

With our knowledge in

- Technology,
- Manufacturing
- Subcontracting

We offer you support in:

- Bringing your prototype into serial production
- Outsourcing of parts within your purchase
- Repair and Rebuild



Bringing your prototype into serial production

As specialists in technology, we take care of your projects and deliver success!

- We take your sketches
- upgrade them to serial standard
- evaluate different production technologies
- set up the supply chain with your target price in mind

We develop and realise your ideas!

PROJECT MANAGEMENT



Repair and Rebuild of Gears and Transmissions

Gears and Shafts:

We manufacture according your specifications or against a sample of all used parts within the gearbox. Of course with full supporting documentation. Then we will rework the big gear and manufacture a new counterpart respecting the center distance. Your benefit: You save costs with same quality and function.

Transmission:

We repair all kind of gearboxes up to 20 t in weight. Our service includes pick up, repair and delivery. Optional we offer disassembling and assembling on site. Testing and Documentation are included.

Outsourcing of parts within your purchase

Our business on project base:

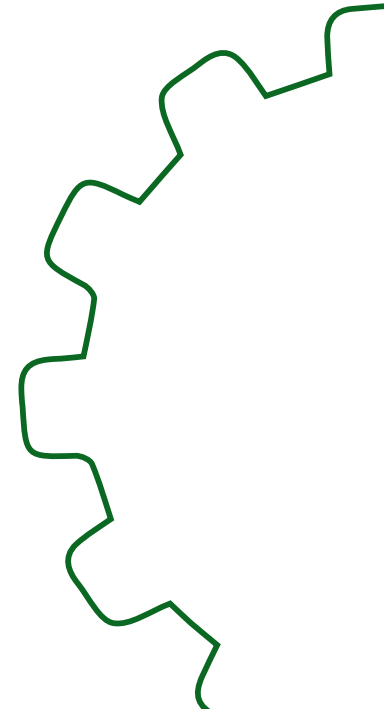
We support your Buyers, i.e. in buying of most complex and sophisticated parts. Save money in Assembling through our extensive experience.

We take care of your parts from the enquiry up to delivery.
We give technical support and connect designer and manufacturer.

Purchasing:

Bottleneck purchasing - Are your projects getting out of control?
We can support you with our network of over 100 Specialists worldwide.
No matter if consulting, engineering or delivery time is needed.

Benefit from over 20 years of experience!





CONSULTING



PROJECT MANAGEMENT



NETWORK

NETWORK

The Kownatzki Technology Network

One contact gives you access to more than 100 specialists worldwide!

Our partners are specialists in:

- Steel Casting
- Milling & Turning
- Crown Gears
- Gears and More
- Planetary Roller Screws
- High Precision Miniature Ball Screws
- Open Die Forging

www.kownatzki-technology.com

Steel Casting



Milling & Turning



Crown Gears



Gears and More



High Precision
Miniature Ball Screws



Open Die Forging

Planetary
Roller Screws



Steel Casting

Up to 100 tons
Including manufacturing or without

Including all testings and certificates

Also steel casting in centrifugal casting process in the dimensions:

- Ø 800 x 6.000 mm length
- Ø 1.700 x 2000 mm length

For more information ask for our separate brochure!



CNC Milled Parts

100 g – 250 kg in cubic dimension.

All materials of wood, aluminium up to the high grade alloy steel.

Measuring element exactness from 0.01 mm.

Control, programming about systems CAD/CAM.

NC / CNC steered from 3-Axis to 5-Axis simultaneous treatment.

HSC (High-Speed-Cutting) Treatment.

Mill treatment up to 4000-mm length.

Trick Mill treatment.

According to DIN 9001 / 16949 / 9100

We offer you the full scope of mechanical manufacturing!

Milling & Turning

Turning Manufacturing

Beginning from Ø 5 – Ø 400

All current materials

Feed trick parts

Long short automatic lathes

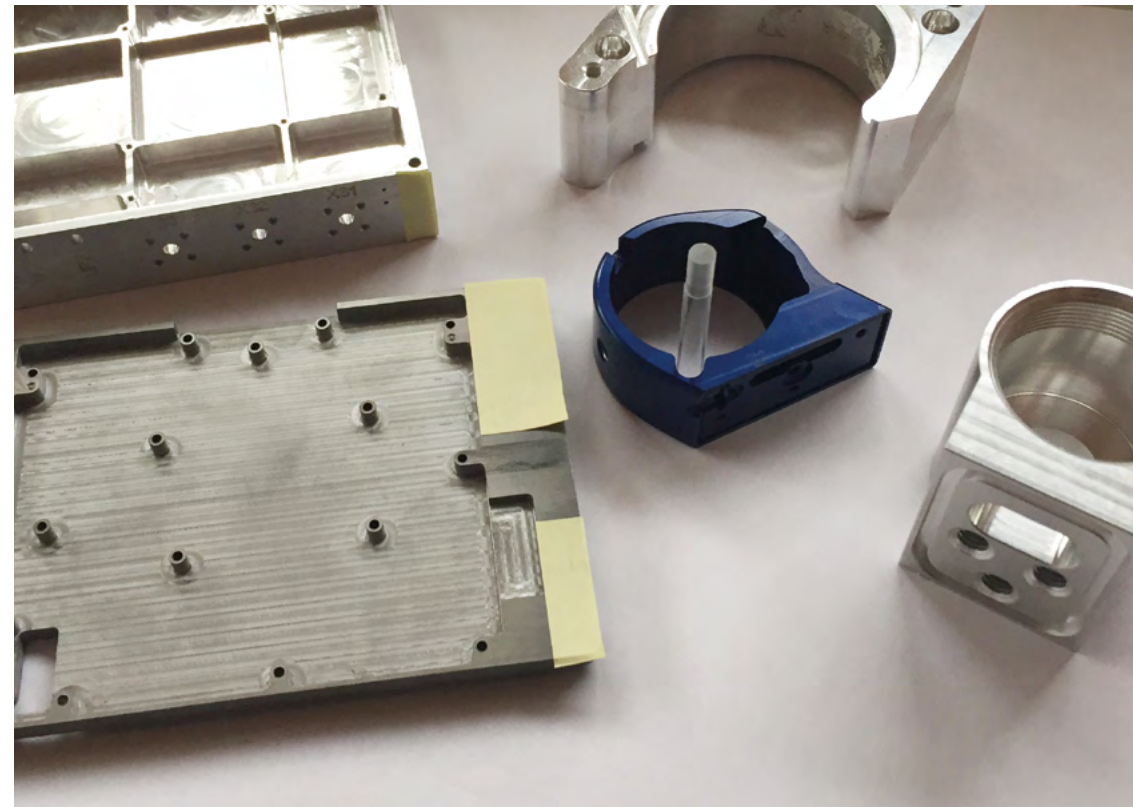
Multi-Spindle, round tact machines

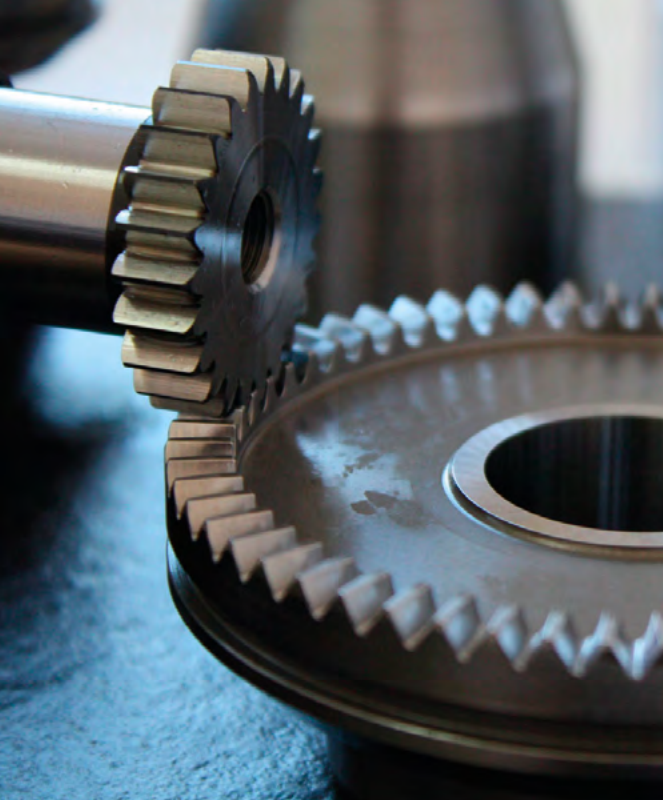
Trick Mill treatment / Pinole / counterspindle

Measuring element exactness from 0,005 mm

Control, programming about systems CAD/CAM

According to DIN 9001 / 16949 / 9100

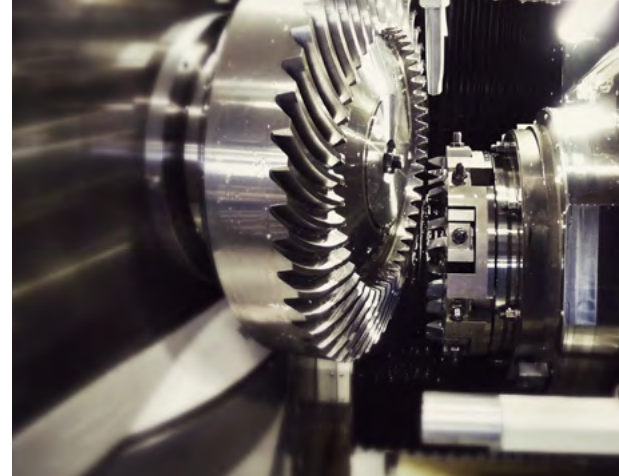




Crown Gears

We can deliver all kind of Crown Gears:

Straight or helical
Up to quality DIN 6
Including consulting,
engineering and manu-
facturing



Worm gear sets

Ø 2mm up to Ø 4.000 mm
In ZK, ZI, Duplex
Consulting, engineering and
manufacturing

Sprockets, Keyways, Keyseats
no problem!

Just send us your inquiries!

Gears and More

Gears

Ø 20 mm up to Ø 20.000 mm
Spur, helical, Double Helical, Herringbone
Ground teeth down to modul 50
From one piece to serial production
Consulting, engineering and manu-
facturing



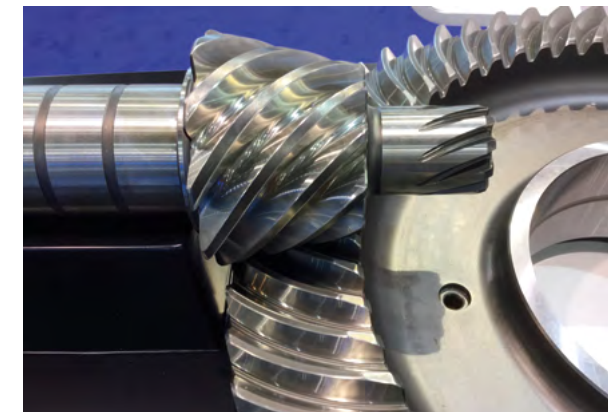
Micro Gears

Ø 2 mm up to Ø 20 mm
Spur, helical, Double Helical
Ground teeth down to modul 0,4
From one piece to serial production
Consulting, engineering and manufacturing



Racks

From module 0,3 up to module 100
Up to 100 tons
One piece length max.15.000 mm
Spur, helical, Double Helical,
Herringbone



Straight bevel gears

Spur bevel gears up to Ø 2500 mm
lapped
Ground up to Ø 400 mm (Modul1-6)
Consulting, engineering and
manufacturing

Spiral Bevel Gears

Lapped up to Ø 2500 mm
HPG Klingelnberg up to Ø 2500 mm
Spiral Ground teeth up to Ø 1000 mm
Gleason or Zerol also available!
Including consulting and engineering
with all certifications



Planetary Roller Screws

Energy efficiency at its best!

Replace your hydraulic system with an electric driven actuator!

Main features of roller Screw:

- High dynamic load capacity:
10 times of ball screw
- Higher Speed and acceleration:
3000 rpm at screw Ø45, 12000 rad/sec²
- Long life and low maintenance cost:
18 times of ball screw
- High stiffness
- No oil leaks any more
- Low maintenance costs
- saving costs at assembling and in the total system
- update your technology

Main Elements: Multistart main screw, nut and planetary roller screws

Accuracy grade:

Tolerance class / Lead accuracy

G1 0,006mm / 300mm

G2 0,012mm / 300mm

G3 0,020mm / 300mm

G5 0,024mm / 300mm

At the moment we have Main Screw
Diameter from Ø 5 mm to Ø 1000 mm
But ... **We have no limit in size!**



High Precision Miniature Ball Screws

from Ø 3 mm

Accuracy grade C3 – C7

Axial clearance 0 – 0,005 mm

All materials

Engineering according your needs possible



Open Die Forging

Open Die Forging Parts up to 26 ton:

Shafts up to 10 meters in length

Hollow Forging

Maximum O.D. – 3000 mm

Minimum I.D. – 2700 mm

Maximum I.D. – 300 mm

Up to 6000 mm in Length



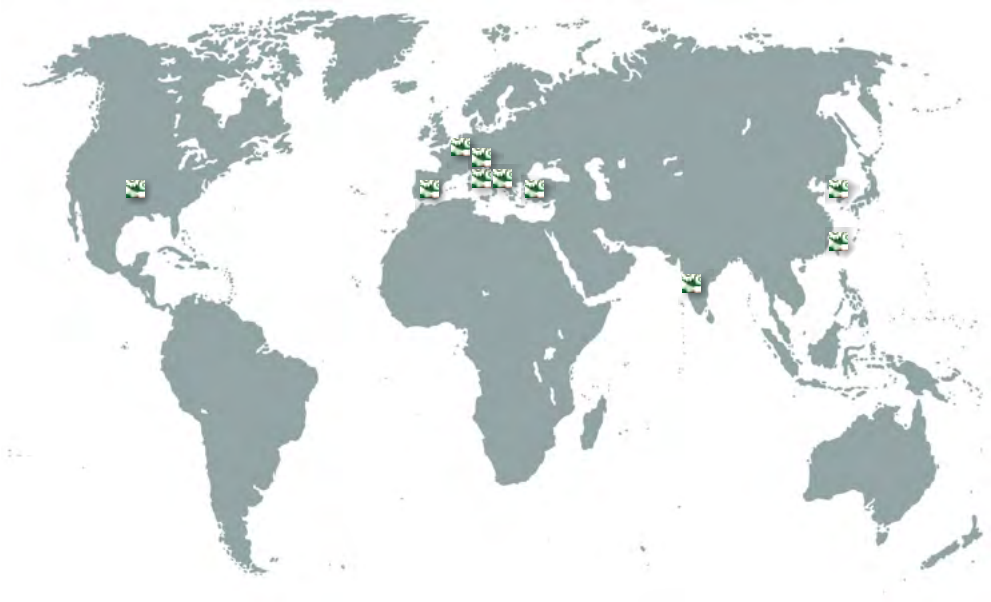
The Heat Treatment is done in house. Tempering and temperature Controlled through PLC and Scada. All Testing and Documentation in house possible.

Also ask for forged and premachined gear blankets and bars.

For more information ask for our separate brochure!

The Kownatzki Technology Network

Our Global Sourcing helps you save!



CONTACT

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