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**Technology
Consultancy**



**Process
Development**



**Engineering
Solutions**



**Trial
Processing**



**Job
Honing**

➔ Advanced Honing Technology

Trust in the technology leader
with many years' experience
and global presence!

Innovative technology combined
with an economical mindset sets
us apart.



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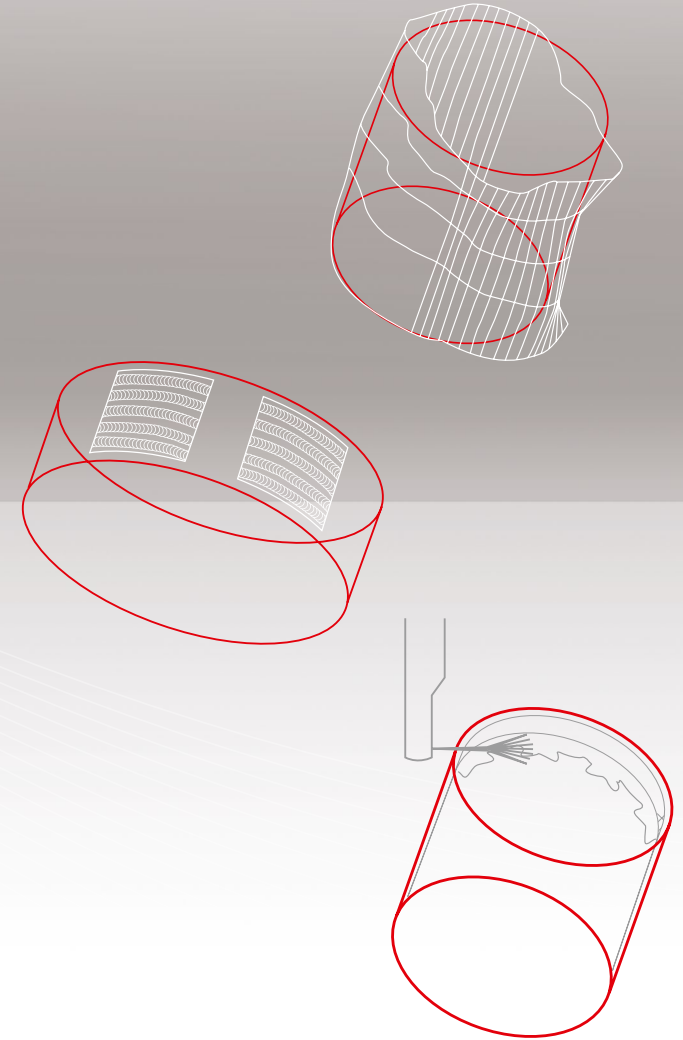


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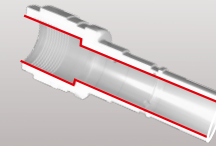
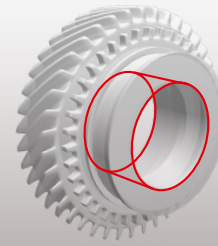
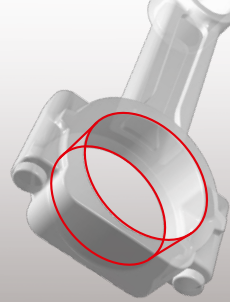
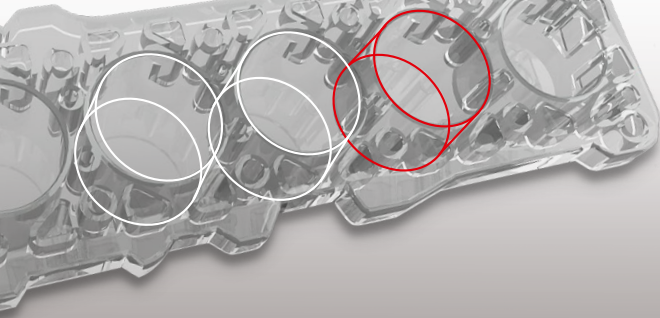
Engineering Gehring

Solutions

Development & Consultancy



Use our expert knowledge and
our experience to your advantage.



You develop your product.

We develop your surface finish technology.

Gearing Engineering Solutions

Gearing is the expert in the development of tribological functional surfaces. In the area of „process development“ we work in close cooperation with our customers on projects of varying degrees of maturity – from prototype right through to production readiness.

Process Development defines innovative process variants or process components. We also define parts or material specific solutions.

The following customer centric R&D services

- honing
- thermal spray coating
- laser structuring

are available on comprehensive machinery in our Technology Center.

We offer our services via an exclusive contract development project arrangement or on a bilateral project cooperation basis. Our qualified and experienced staff are at your disposal throughout the project. We offer expertise in all related specialized areas, for example: production measurement technology, cooling lubricants, abrasives, tooling, fixtures and geometrically designed cutting edges.

The project is structured and supported by modern R&D methodologies such as statistical experimental planning, form analysis (GFA) and statistical process control methods (SPC), or from patented project related research.

Our Technology Center is comprehensively equipped to produce trial results, such as size, shape and surface, adhesion strength, microhardness, as well as structural characteristics analysis. We work with light and electron scanning microscopes, micro-cutters, white light interferometers, tactile surface measurement, shape and coordinate measurement or PAT testers. All development steps of the project are fully documented and evaluated.

Technology Consulting is another element of Gearing Engineering Solutions. Technology consulting services encompass feasibility studies, analysis of existing production processes, training for the introduction of new technology, basis training, or comprehensive technology workshops. The entire project management process – from enquiry to the quotation, and the complete execution steps

Customer References

Audi	Mahle
BMW	KS
Daimler	Federal Mogul
FCA	Pankl
Ford	Weber
General Motors	
Jaguar	MTU
Porsche	MAN
Renault	Jürgensen
PSA	Janbacher
Volkswagen	
Volvo	Bosch
Scania	Schaeffler
HMC	Embraco
KIA	3M
Great Wall	SGE
	Hawe
	Linde
	Buchholz

