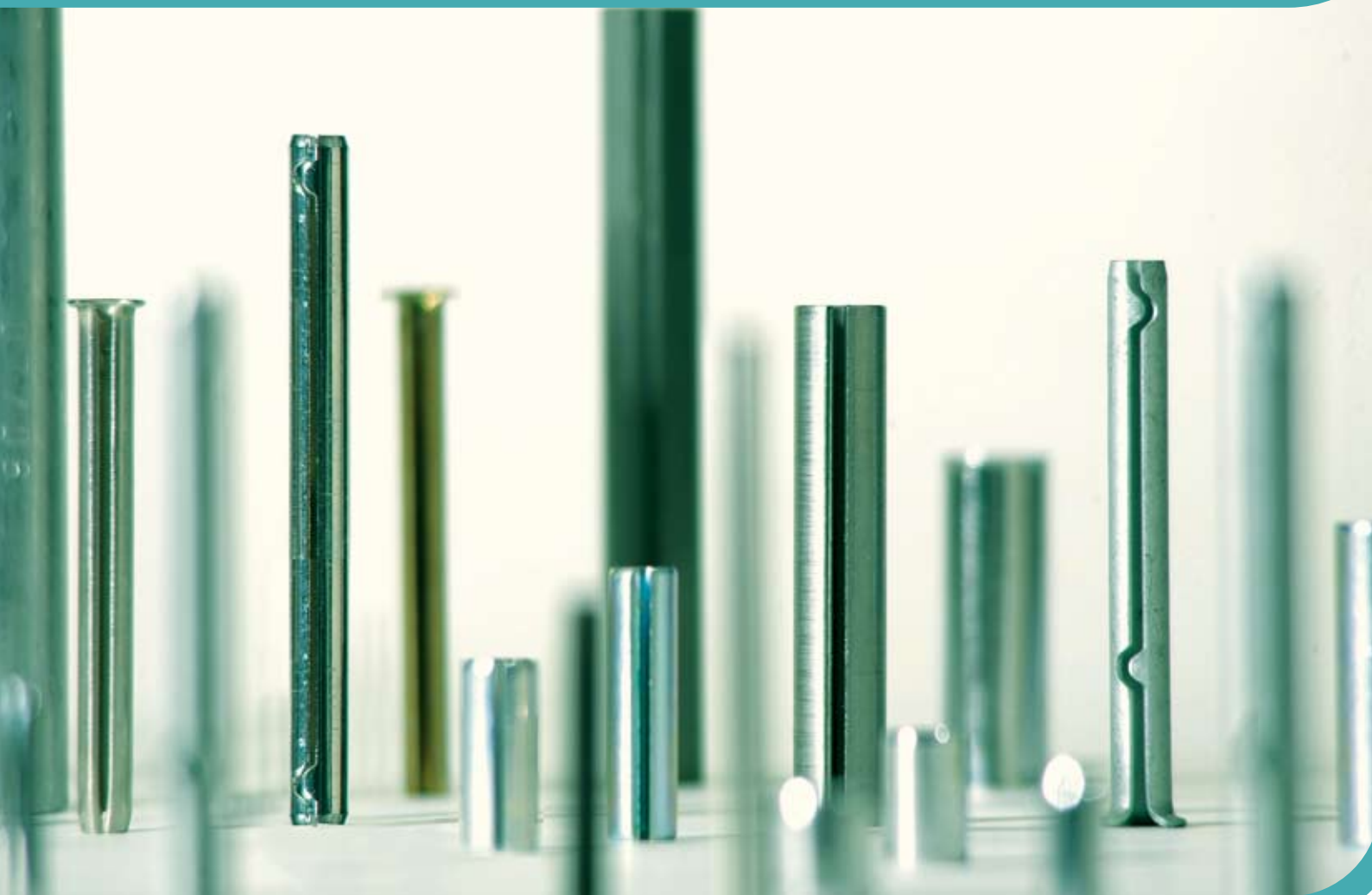
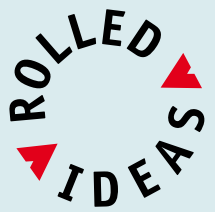


***Looking out for new horizons.
We can show you the way.***

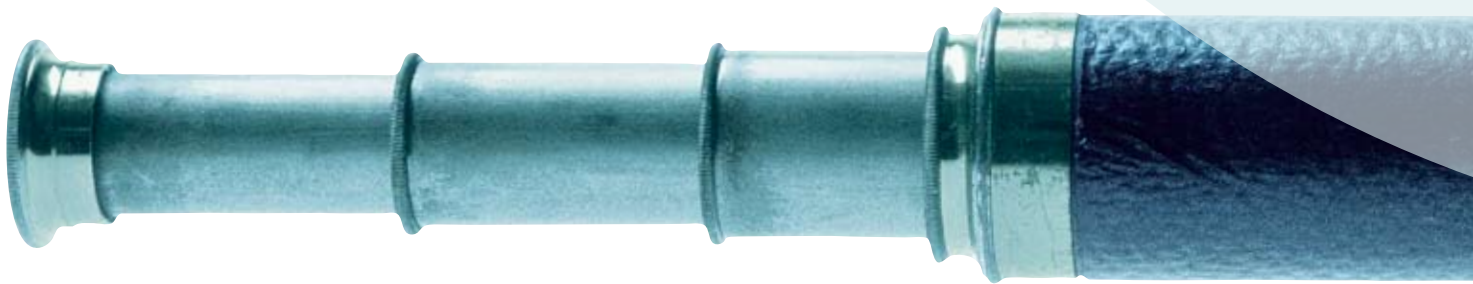




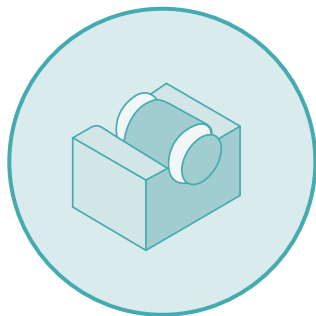


Are you ready for an adventure?

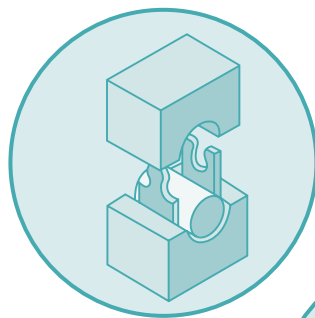
As the saying goes: Each voyage starts with the first step. In this case we both start on a voyage of discovery, which targets the optimization of your production processes. Our forming experts are examining them for everything which is round and could be substituted by a more flexible and better solution. You will be surprised what potential for improvement is still left in your production. There is no easier way to cut costs. Let us take off together, there is a lot to discover.



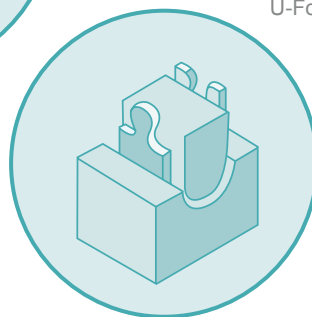
Join us on a voyage of discovery.



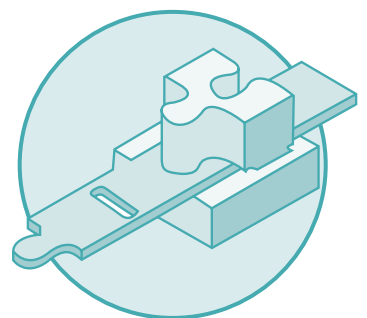
Rolled bushing



Form



U-Form



Board



A round affair

Our rollbending method is simple and versatile in use, because we have refined and expanded it over decades. Therefore it assures precise as well as practical solutions. A solid basis for our discovery tour, in forming technology, less than millimeters are decisive for the success of a product. Many turned parts, mouldings and tubular sections which are presently involved in your production can easily be exchanged with rollbending parts. Reach your target without detours.

Straight on target

We also hold a course when complex requirements arise, and transform your ideas into custom-made innovative products. Our experts analyze preliminarily which round parts are most suited for exchange. Cost and efficiency are the foremost consideration. The possibilities for optimization are seemingly unlimited. Whatever form or material you need, we will find you the shortest route to success.

Your safe haven

Relax. We look after the rest. Up to minuscule details, we put ourselves in your shoes. We adapt ourselves to your requirements, from design through tooling up to series production. Faults during development and production are excluded. Comprehensive control assures that the most stringent quality criteria are observed.

Discover the rollbending method.



By courtesy of Volkswagen AG



Chassis Bushes



Anti-Vibration Cages



Shock Absorber Eyes

Land in sight here.

Round by experience

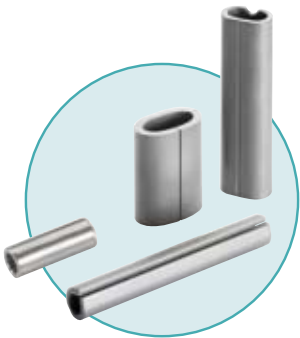
For more than 20 years we have been the experts in forming technology. We know the market and what it demands, because as an international player we are always up to date about current trends. With considerable innovative strength we develop and implement flexible and cost-efficient solutions according to your requests. Make yourself acquainted with some of our latest discoveries.

There's a lot inside

Precision is the nuts and bolts of every discovery tour. The devil is in the details, especially in the automotive industry. As your experienced partner we see the point. With us you can save lots of time and money. It pays off.

Quality without compromise

A comprehensive quality assurance is the key to your and our success. Essential components of our corporate philosophy are the use of exclusively high-quality materials and the excellent qualification level of our staff. With our innovative designs you are optimally prepared for the challenges of tomorrow.



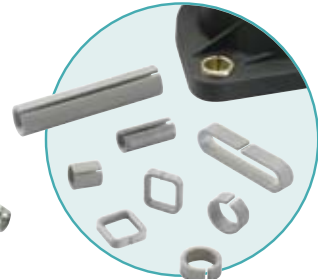
Distance Sleeves
(Spacers)



Abrasive and
Fitting Sleeves



Spring Pins
Coiled Spring Pins



Compression Limiters

Experience successful expeditions.

Chassis Bushes

In the Golf IV series, pipe sections were for the first time replaced by rollbending parts from the Jörg Vogelsang product line. Currently these products are used in all chassis sectors: Whether transverse control arm, spring-loaded control arm, or supporting frame, rollbending parts are used everywhere as a cost-efficient alternative with multiple advantages.

Anti-Vibration Cages

Whether with or without flange: Our cages offer extreme forming for the insertion of rubber in the field of anti-vibration elements. And this not as an expensive moulding product, but as a material-saving rollbending product.

Shock Absorber Eyes

We are first class in the field of tubular dampers: Our rollbending products are used as welding eyes. Positioning aids or conical inner profiles assist in the reduction of manufacturing costs.

Distance Sleeves

When two components must be screwed together at a defined distance, the use of spacers is the first choice. Technical highlights are: defined screw guidance for the round variant or compensatory tolerance for the oval variant, both with minimum compression under axial load. The production process assures minimum costs.

Abrasive and Fitting Sleeves

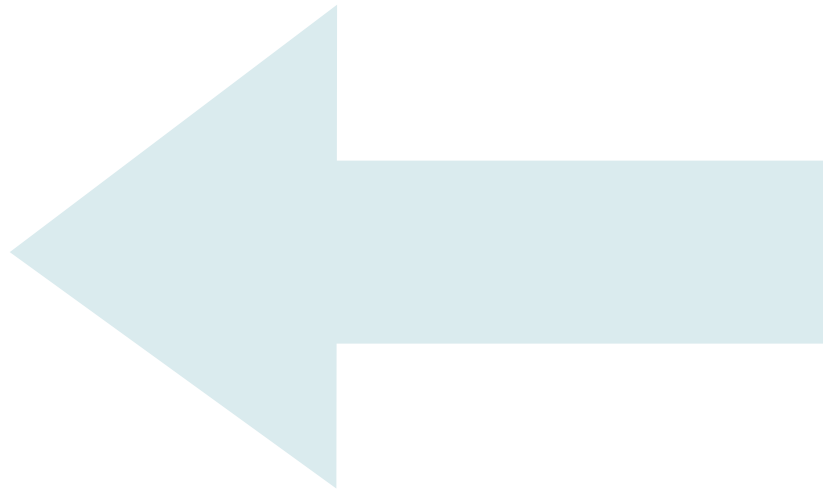
In the engine and gearbox sector fitting sleeves are often needed for positioning purposes with extreme precision. Here we combine the rollbending method with elaborate grinding technology, thereby achieving the combination of extreme precision for reasonable cost.

Spring Pins

Our company is now the world market leader for spring pins. We produce these slotted pins made of spring steel in thousands of product variants within the norm range. But our strong point is the domain of application products. For utmost quality requirements in the automobile sector we developed the automotive pin, which is based on growing know how over decades of manufacture. This is a further development of the normal ISO 8752 and ISO 13337 pin.

Compression Limiters

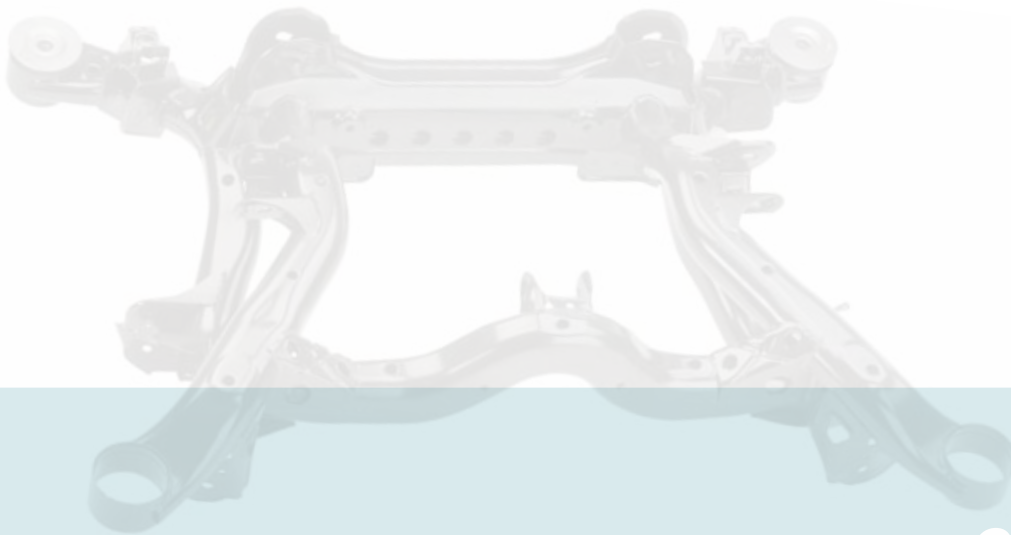
The use of compression limiters is an economic and reasonable alternative. Compression limiters do not exceed the permitted surface pressure of the plastic material and can be produced exactly within the needed tolerance.



No matter where you want to go, we know the way.

What the Jörg Vogelsang rollbending method offers ...

Requirements for the product	Conventional tubular product	Jörg Vogelsang rollbending method
Force fitting profile for bearing	Manufacturing by chipping → Additional production step	Use of profiled steel strip → Cost neutral
High retention force through minimum tolerances of bearings	Narrower tolerances of inner diameter by calibration → Additional production step	Adjustment of inner diameter by way of tool design → Cost neutral
Customer's demand for increased retention force of bearings	Fitting of corresponding applications at the inner surface of product → Additional production step	Applications at inner surface of bushing because of pre-profiled steel strip → Cost neutral
Oval form for adaption of the physically caused welding distortio	Calibration of tube into desired oval section after placement of force fitting profile → Additional production step	Corresponding design of tools → Cost neutral
Positioning aids for welding to the oval axes	Is achieved by chipping → Additional production step	Corresponding design of tools → Cost neutral
Corresponding fatigue endurance depending on loading of product	Longitudinal run of threads → Negative effect	Radial run of threads → Positive effect: material thickness can be reduced up to 25 %



CASE STUDIES

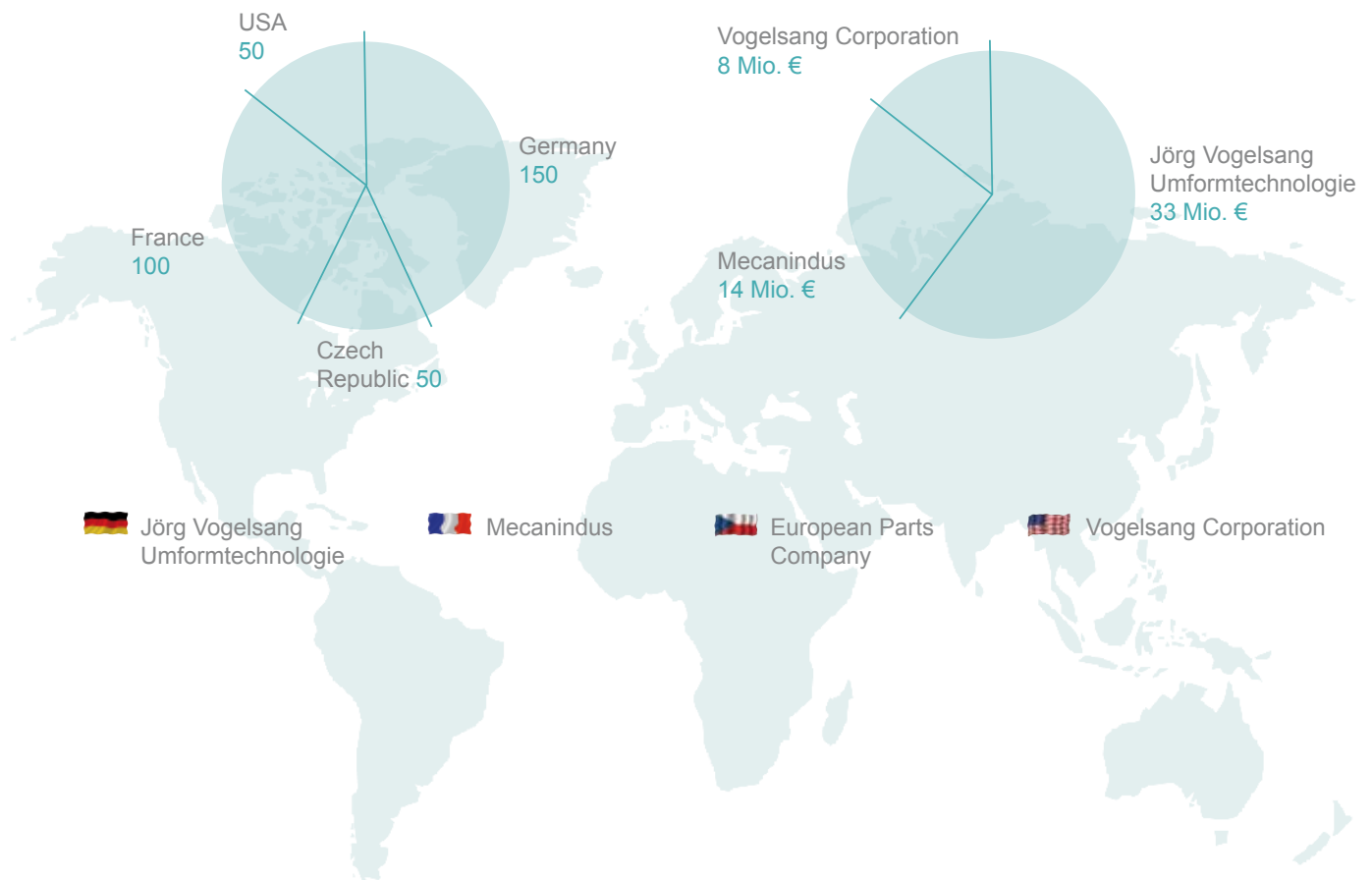
Abandon old habits.



Your voyage of discovery ends in a safe haven.

Number of Staff

External Sales



All hands on deck

We are known for a competitive and fast handling of all orders. Thanks to our sophisticated logistic concept we guarantee a punctual delivery. Whenever and wherever you need us, we are there. Moreover we offer many additional services as for example, packaging according to customer preferences, reliable storage management, and many more. When the weather gets rough, we provide a safe anchorage.

Coordinates

Jörg Vogelsang Umformtechnologie
Germany

Number of Customers: 2,000

Number of Products/
Variants: 5,000

Shop Area: 55,000 m²

Production: > 1 billion Parts/Year

Material Usage: 15,000 t

Industrial Certificates: ISO TS 16949
ISO TS 14001

Automotive Turnover: 80 %

