

DAMPING SYSTEMS

... moves!

**THE
KNOW-
HOW
FACTORY**



CHRISTOPH BOOG



MARTIN ZIMMER



GÜNTHER ZIMMER

MANAGING DIRECTORS



HIGHLY AUTOMATED TECHNOLOGY MEETS MANY YEARS OF EXPERIENCE

Welcome to Zimmer GmbH Daempfungssysteme!

As a subsidiary of the Zimmer Group, we have been setting new standards in the development of innovative damping systems since 2004. Recently, we also added hinges and hardware packages to our portfolio. Our products stand out because of their regional manufacture at our Rheinau site and short transport routes. We are a one-stop shop, from initial customer enquiry to product development and series production. Our production processes are fully automated and state-of-the-art. In order to guarantee the highest quality, each individual product is tested several times in series and our production facilities are also developed and manufactured in-house. This is one of the many reasons why our company is one of the leading suppliers to almost all major fitting and furniture manufacturers. In addition, our excellent products are also used in craft businesses, the automotive industry and in the manufacture of white goods.

In every production step, our focus is on environmental and climate protection and advanced quality assurance.

To meet these demands, our company is certified according to numerous international standards.

We are labeled



www.tuev-sued.de/ms-zert

OUR MILESTONES:

1999

Initial presence on the market

2004

Foundation of Zimmer GmbH Daempfungssysteme as a subsidiary of the Zimmer Group

2010

Move to a new production building with an area of 7.500 sqm

2016

Expansion of our office building with new production area

2022

Sales of over 100 million units for the first time

2023

Inclusion of entire fittings in our product range

EVERYTHING FROM A SINGLE SOURCE – MADE IN GERMANY

HINGES KITCHENS
SOFT CLOSE
 QUALITY *SLIDING DOORS*
 ASSEMBLIES
 LIFESTYLE FLAPS
 SELF-CLOSING

Our products don't bear this seal of quality for nothing! We are proud of our manufacturing location in Rheinau, Germany, where development and production work hand in hand. All our products, including self-closing units, are manufactured here in our highly automated factory. In recent years, we have manufactured several hundred million dampers on site and shipped them worldwide. Our strict quality control during the production process is ensured by industrial image processing, which enables comprehensive inspection of critical geometric features. We consider high volumes and consistent quality to be key elements of our corporate philosophy. The customised manufacture of dampers and self-closing devices in our Development Department is an ongoing process in which we take customer requests into account and undertake continuing optimisation.

Consistent internal quality testing ensures that every single damper meets our high standards. Our series dampers undergo extensive endurance tests of up to 100,000 cycles to ensure maximum durability and performance.



CARAVANNING

DRAWERS

FITTINGS

COMFORT

FURNITURE

CAMPING

UNITS

ZIMMER GROUP

ON THE MOVE

PUSH-TO-OPEN

DAMPING

OUR SERVICES AT A GLANCE

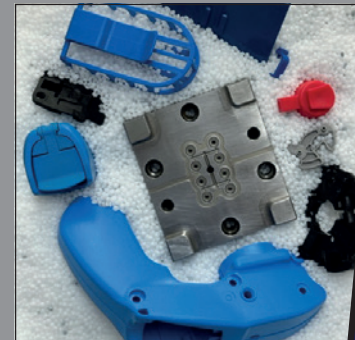


- ▶ Concept development
- ▶ Modification and new development of dampers or complete systems with automatic retraction
- ▶ Simulation and testing of all customer requirements
- ▶ Complete project management/implementation from initial enquiry to series production (all in one)
- ▶ 100 % series testing to ensure delivery quality
- ▶ Many years of experience in mass production
- ▶ In-house development and production of manufacturing equipment
- ▶ 100 % performance testing
- ▶ 100 % monitoring of important geometric features by means of industrial image processing
- ▶ Statistical process control

**IHR SPEZIALIST FÜR AUTOMATISIERUNGSLÖSUNGEN**

- ✦ Messen/Prüfen ✦ Antriebs- und Fördertechnik
- ✦ Haspel ✦ Federproduktion
- ✦ Automatisierungs- und Zuführsysteme

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- ✓ **Formenbau**

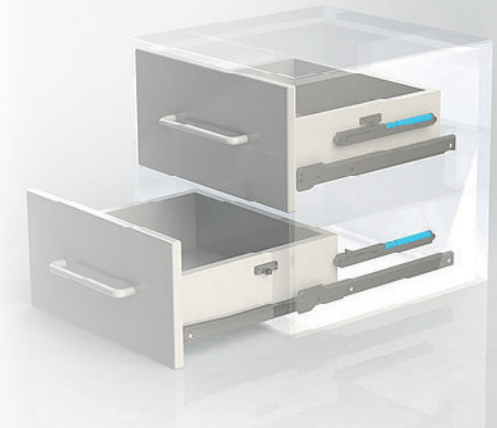
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- ☎ Telefon: 07841 6657200
- ✉ info@wuk-gmbh.de



www.wuk-gmbh.de

SOFT CLOSE SYSTEMS FOR EVERYONE



As a technology leader in the furniture damper segment, we are renowned for our customised individual solutions and our innovative capacity. Our SOFT CLOSE damping systems are innovative technologies used in various pieces of furniture such as drawers and cabinet doors. Their main purpose is to close doors or flaps gently and pleasantly.

Fluid dampers – safe and resilient

Damping is achieved by the viscosity of the oil and adjustment of the gap width, which creates flow resistance. This enables effective energy absorption in the smallest possible space. It is possible to achieve different types of damping characteristics. These dampers can be used with automatic reset or without it.

Air friction dampers – particularly durable

A piston that is placed in a hollow cylinder can move in both directions. When the cylinder is closed, the breaking collar exerts pressure on it, which results in the generation of the required frictional energy. In addition, the collar break causes a stronger braking effect at higher pressure. Using friction elements and internal pressure, we can control damping performance and damping characteristics to meet different customer requirements. It is possible to use these dampers both with and without automatic reset.

SOFT CLOSE units – complete damping systems featuring a self-closing mechanism

Self-closing units connect e.g. movable and fixed furniture parts in their final position and ensure a smooth and pleasant closing. During the closing process the moving furniture part is always automatically guided to the end position by the integrated spring.

Damping units – compact and easy to install

Our products in the damping units segment are usually pre-assembled and easier to install. They are used in specific applications such as furniture, door closers, drawer systems, or other mechanisms such as heavy sliding doors in industrial environments where targeted damping is required. You are sure to find the right unit for your specific application in our shop.

We will be happy to provide you with expert advice.



Take a look at our
different models here!
www.zimmer-softclose.shop





THINKING ABOUT TOMORROW TODAY!

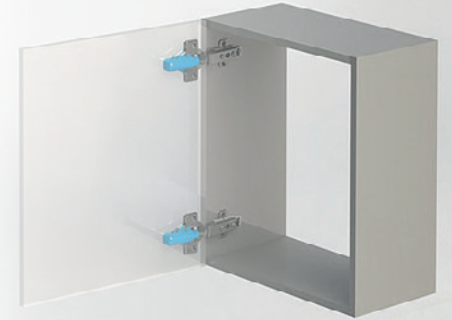
- ▶ We use 100 % CO₂-neutral electricity for our production. We generate 10 % of our energy from a regional hydroelectric power plant in Willstätt, Germany, near our production side, a percentage of which is generated by PV systems. At present, these offer a capacity of 900 KWp, and we are aiming to double this over the next two years. In addition, we use LEDs or dimmed light where possible.
- ▶ In production, we take care to avoid waste and use reusable transport packaging.
- ▶ In recent years, we have installed more efficient ventilation systems, which make a major contribution to air quality and air exchange.
- ▶ A large part of our vehicle fleet has already been converted to electric cars. The corresponding charging stations are available for use on our company premises.
- ▶ We not only look at our own environmental footprint, but also encourage our suppliers to save energy.

GOOD TO KNOW!

As part of its “Company Network Climate Protection” project, the chamber of industry and commerce offers a qualification module for apprentices. They learn to identify savings potential in their companies, increase energy efficiency and share it on the network platform. The Zimmer Group regularly qualifies apprentices as “energy scouts” with the aid of the chamber of industry and commerce. They identify opportunities to save energy, such as developing more economical compressed air nozzles themselves, so as to reduce energy consumption in production. Our long-term goal is to sensitise our employees of tomorrow to environmental protection and energy efficiency.



EXPERIENCE OUR INNOVATIONS



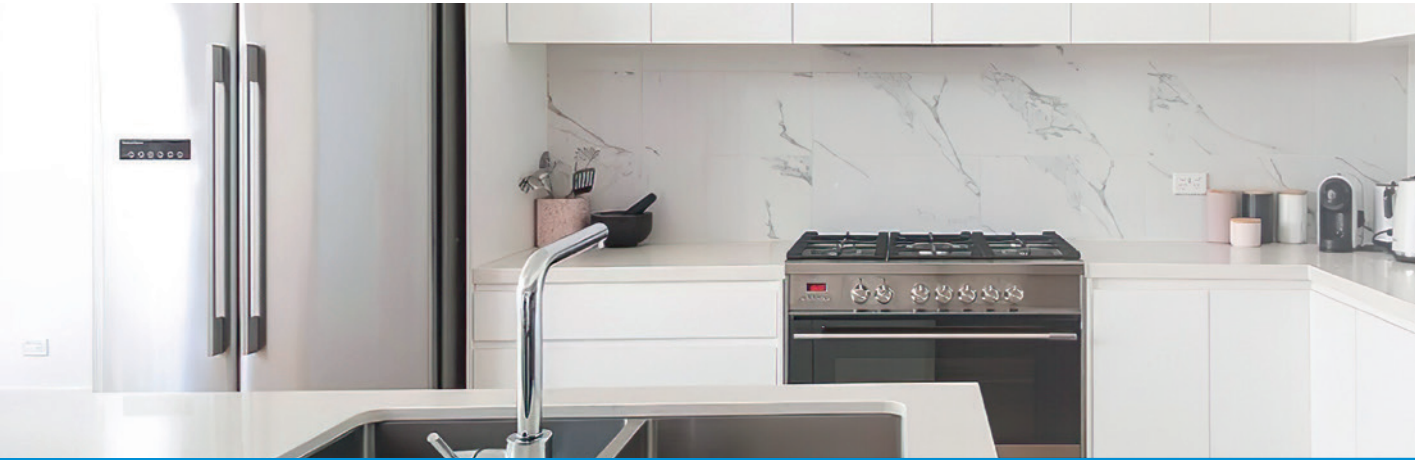
eaZiflex VITROX

This pendulum hinge offers an elegant connection for glass and wooden doors. With its pendulum fitting, it is possible to open inwards and outwards up to 90°. When the opening angle is less than 70°, it closes automatically – and absolutely silently thanks to damping technology. Here, elegant feel and a slender shape are combined to create a perfect product that fits the door perfectly. eaZiflex VITROX is suitable for fixed glass or wall mounting.



eaZiflex NIROX

This extremely versatile hinge is suitable for a wide range of applications. It is particularly brilliant in changing rooms and toilet doors. An outstanding feature of this hinge is its ability to open doors up to an angle of 180° and to close independently, smoothly and silently. Damping only kicks in during the final phase of the closing process. Thus, the entire closing movement remains fast and efficient without sacrificing comfort. However, the damping also acts when a door is opened, ensuring that this is also smooth and controlled, minimising possible impacts or noise pollution.



eaZi*lift* ION

This product is a window stay for caravans and motor homes that offers a high level of comfort: the window is continuously adjustable in any position and the direction of movement can also be changed at any time from any position. A special advantage: the window does not have to be opened completely before it can be closed again.



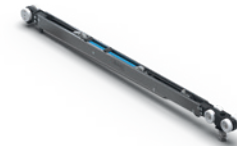
eaZi*flex* PANIX

A highlight for every bakery: this hinge ensures that the door can remain open for permanent front access by shop staff. With the additional damping package, the bakery door can be closed gently without strong vibrations for service from behind. This ensures smooth and quiet operation.



eaZi*soft* VARIO-T

This versatile cold damper covers operating temperatures from -25°C to $+20^{\circ}\text{C}$ and is perfect as an all-rounder for refrigerators and drawers. Based on a smooth damping system, it is suitable for weight classes from 30 to 120 kg. In addition, the damper can easily be extended with temperature-controlled functions to ensure an optimal cooling and storage environment. eaZi*soft* VARIO-T is particularly suitable for use in industrial kitchens.



eaZi*slide* IMPULSO DOPPIO

One of our featured products is eaZi*slide* IMPULSO DOPPIO, a push-to-open system with integrated SOFT CLOSE for sliding and pocket doors. The door can be opened manually and is automatically pulled into its end position by the system. Thanks to the unit acting on both sides, the SOFT CLOSE function also guarantees convenient operation so that the door is closed securely.

Wir setzen weltweit Komponenten der Zimmer Group ein und liefern auch die Fertigungsanlagen dafür.

Auf eine weiterhin erfolgreiche Zusammenarbeit!

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Tel.: (0) 49 7223 / 9802 - 0 | www.braun-sondermaschinen.de



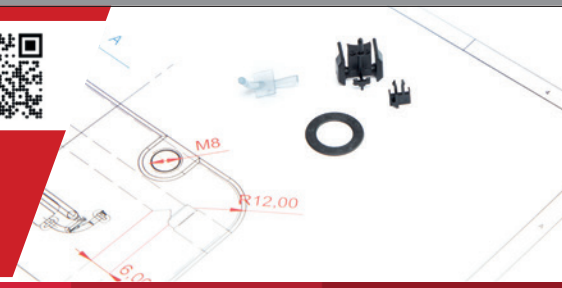
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SEA Rubber ist ein spezialisiertes Unternehmen in der Verarbeitung von Elastomeren für unterschiedliche industrielle Anwendungen.

Oberflächenbehandlungen

SEA Rubber bietet und realisiert Oberflächenbehandlungen, um die funktionellen Eigenschaften und Leistungen der hergestellten Gummiartikeln zu verbessern.



SEARUBBER
GROWING TOGETHER

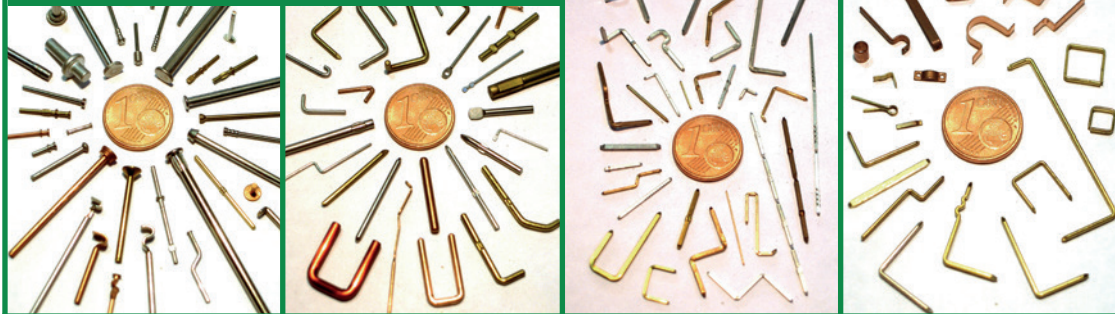
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Our main production areas

COLD FORMING



TURNING PRODUCT



The Monguzzi company is a typical Italian family business company with a long history began way back in 1936. MONGUZZI & C.dei F.lli Monguzzi s.n.c. is specialized in production of small metal components derived from the machining of calibrated wire.



The wires may:

- Be in all cold workable metals (eg: steel C10, C70, stainless steel, aluminum, nikel silver, silver, brinz, phosphor bronze, cooper cored, brass, alloy 52
- Have a round, square or rectangular section
- Be fire tinned, nikel-plated, tinned, silver
- Have a bright surface or knurled

The small parts(connectors, terminals, contacts, shafts, pins...) are made on customer's drawing or developed in co-desing with them through stamping , coining of various types, simple or complex bending and shearing by cold forming or differently by turning.

- They can:**
- Have a development between 1 and 500 mm;
 - Take different forms and sizes (one or more pinch, coining and strikes of various kinds, holes, etc.);
 - End free of burrs, rounded, chamfered, ground or blank;
 - Have degreased, raw, bright or knurled surfaces;
 - Be covered by treatments such as passivation,

tinning (a fire or galvanic), nickeling, silvering, gilding in order to protect them, make them weldable or improve their appearance.

Precision, ability to aggregate multiple functions and saving cost compared to items manufactured by other systems (eg, turning) are the characteristics that make our company appreciated from companies in the sectors where we are operating.

Close cooperation with customers, suppliers of raw materials and sub-contractors galvanic treatments allows to define better the characteristics of the required product (raw material, shape, tolerances, surface treatment) to obtain the best quality / feature / price.

Monguzzi is a ISO 9001 certificated Company since 2004.

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e-mail: monguzzi@monguzzi.com • website: www.monguzzi.com

WE SAY THANK YOU

*At this point
we would like
to thank our
partners for the
support and
successful
cooperation.*

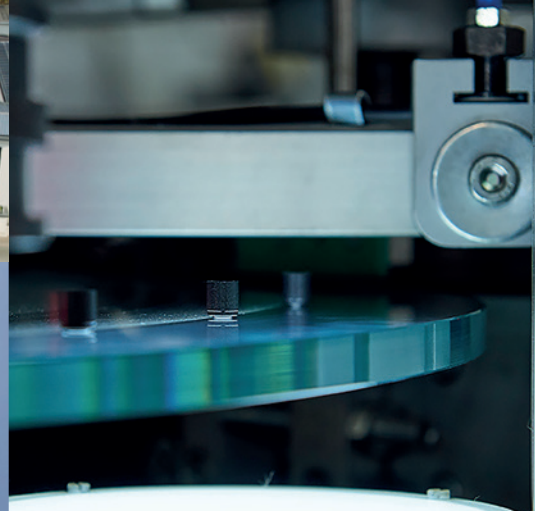
PLASMA TECHNOLOGIE OBERFLÄCHENBEHANDLUNGEN



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We are Ar-Tex Elastomeric Solutions, specialized in the development and production of dynamic seals for dampers in the Furniture industry. We also produce technical rubber items and O-Rings for the Mobility & Automotive, Food & Beverage, Heating & Plumbing, Medical, Hydraulics and Pneumatics sectors.

Ar-Tex Group offers to the customers a global presence with our overseas production sites in Europe, America and Asia.

All production sites are certified according to ISO 9001, ISO 14001 and IATF 16949.

**We are a preferred partner
able to support customers in
the definition of compounds
and design of the sealings to
fulfill their applications.**

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