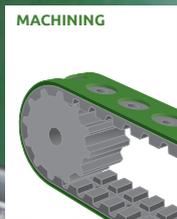




**KEIPER**

# PERFORMANCE MOVES





**COMPANY**

KEIPER products have been moving for 90 years



**Welcome to KEIPER!**

For more than 95 years, we have been supplying reliable power transmission and conveyor belt technology for industrial, commercial and trade purposes. Dependable and fast.

KEIPER in Fellbach near Stuttgart stands for long-standing competence, experience and innovation. Our customers' requirements always are the focus of our work.

As a modern full-service partner, we offer thought-out solutions for the diverse and continuously changing requirements in power transmission and conveyor systems. Our customers appreciate our personal support and cooperation, the diversity of our product range and our high flexibility.

**KEIPER – Performance moves.**

**Quality solutions for all sectors:**

The close cooperation with our distribution partners enables us to produce the best possible products, and this is true also for custom-made products. Our development, construction and production know-how is rounded off by meticulous quality control. High-grade raw materials and continuous product development are the foundation of the high quality of all KEIPER products.

**Practical relevance:**

Based on our expert knowledge of the special characteristics of certain products, many years of experience in different sectors and constant communication with users, we are able to develop highly effective product solutions every day. Our extensive engineering skills and our team of experienced specialists ensure perfect power transmission and conveyor belt technology.



# PRODUCT VARIETY

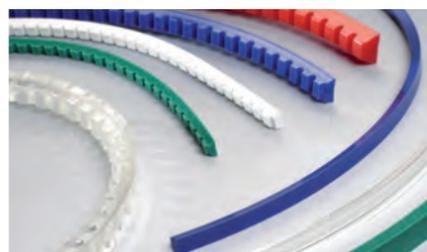
An overview of our products



PVC / PU conveyor belts



Flat belts



PU round belts / V-belts



Timing belts



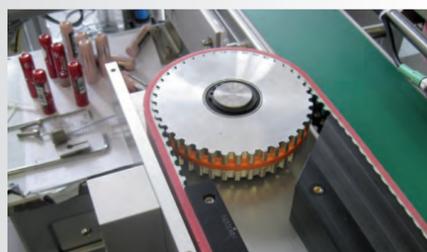
Coatings



V-belts / Power belts



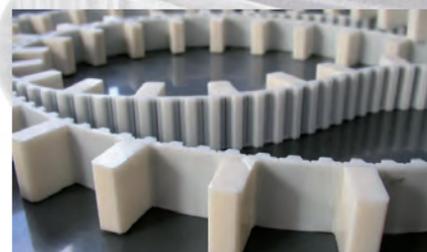
Synchronising pulleys



easy drive®



Clamping elements



Profiles



Machining



Conveyor systems

### Impressively versatile.

In our twelve product areas, we develop, produce and market power transmission and conveyor belt engineering solutions designed to meet individual requirements. KEIPER's product range fulfils all imaginable specifications.

Our passion for power transmission and conveyor belt technology drives us. We focus on what our customers need and find the best possible solution. And, if necessary, we will make the seemingly impossible possible.

This is how KEIPER has been developing high-quality products in all of our core areas: products that meet the specified quality and functional requirements – in the past, today and in future.

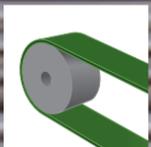
**KEIPER – Performance moves.**

### KEIPER has the solution.

Irrespective of whether you need power transmission, transport, conveyor or positioning systems, KEIPER's current range of products covers the entire spectrum of applications in the large market of power transmission and conveyor belt technology.

Our products and solutions prove their worth under constant use and extreme conditions. Our customers can rely on the long and safe service life. We are active worldwide, observe trends and developments, and are optimally prepared for the future. Challenge us!

KEIPER's range of services moves millions of products and goods every day. We can supply functional and sustainable power transmission and conveyor belt systems that are designed to meet your requirements.



# CONVEYOR BELTS

For individual and dependable conveying

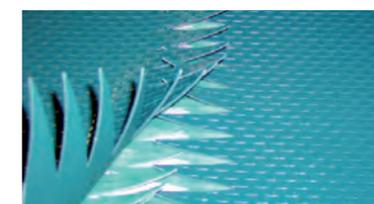


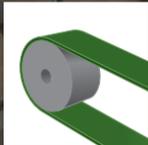
## Everything stays in motion.

Reliability and performance are significant for every transport from A to B. KEIPER conveyor belts are made of fully synthetic polyester or blended fabrics and, hence, offer an extensive range of materials and designs for the specific requirements of different industrial sectors.

Since the belts can be fitted with a variety of pushing elements, such as cleats, guides, sidewalls or tracking guides, the scope of use and performance is expanded significantly. KEIPER conveyor belts always fulfil the special requirements posed when conveying industrial products, fragile goods or foodstuffs.

Our customers high demands regarding the quality of our products and our continuous development efforts always lead to products that help our customers gain a head start on the market.





## FLAT BELTS

Maximum performance even under extreme conditions



### High performance flat belts for any industrial sectors:

KEIPER flat belts are part of our extensive product range of perfect power transmission, conveying and control solutions.

Examples of typical applications are the paper and packaging industries, agriculture, the textile industry, wood and plastics processing as well as plant and system engineering.

For many years, KEIPER has been proving its expertise with longlasting high-performance flat belts that can be produced in all possible dimensions. The belts are produced to size and made of different traction layers and composite structures as well as different plating and wear-resistant surface structures.

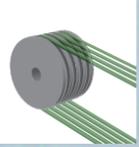


### The principle of adaptability.

In view of the wide range of requirements posed by customers, our spectrum of available belt sizes actually extends from just a few millimetres to metres.

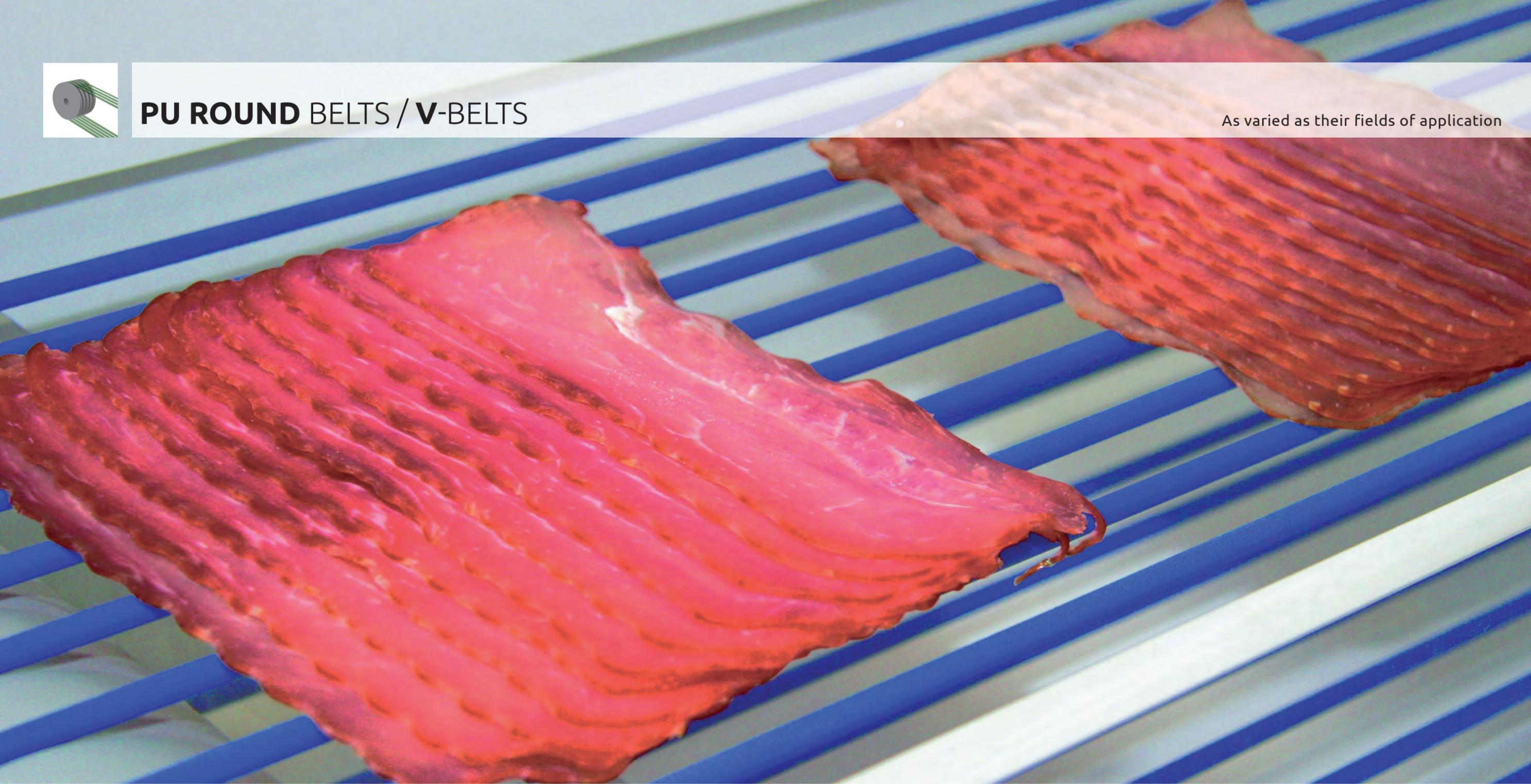
Depending on the design, application and format, KEIPER high-performance flat belts have very special properties such as, for example, UV resistance, high temperature, tolerance or excellent dynamic features – even under very tough conditions.

Since we manufacture our products, KEIPER fulfils all drive and application properties needed by our customers and reliably supply maintenance-free, low-noise and space-saving power transmission solutions.



## PU ROUND BELTS / V-BELTS

As varied as their fields of application



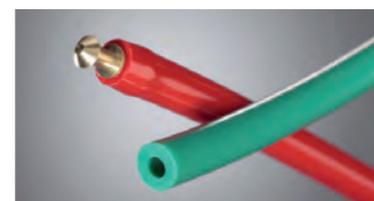
### Everything that needs to be moved.

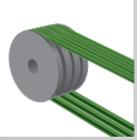
You need to have a thorough understanding of the conveying application required in order to choose the appropriate components and complete the customer's order.

The objective of KEIPER is to develop the best possible quality solution quickly and cost-effectively, functionally and successfully.

PU round belts made by KEIPER are as diverse as the specifications they have to meet. The fields of application range from the food industry with its high hygiene and functional requirements to the building materials industry, which calls for extreme strength and large dimensions.

Homogenous round profiles, full profiles with different surface qualities, or hollow profiles allowing quick replacement of parts are available by meter.





## V-BELTS / POWER BELTS

Highest standards for highest quality



### Quality brand products for all power transmission and conveying applications.

Perfect concentricity is the prerequisite for reliability and a long service life – not only in automotive engineering.

The high customer satisfaction we have attained in more than 90 years demonstrates how well the individual components can be used together.

Here once again KEIPER proves its profound competence: with classic or double V-belts, raw edged or moulded-notched, power belts, narrow or wide V-belts. Our extensive program of services and products comprises almost all variants.

Highly flexible transfer of power: also with small disc diameters, special performance requirements, high speed or high application temperatures.

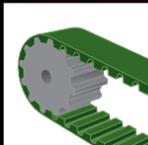
### A fitting product made to match.

KEIPER power belts are made of V-belts having the same length; they are connected to each other by means of a cover plate.

Depending on the use, the compact ribbed drive element works efficiently and continuously in machines and plants, large industrial vehicles, compressor plants, lathe and milling machines and many more applications.

For special transport and conveying tasks, KEIPER power belts are professionally finished and additional coated as applied – depending on the customer's request and specified application.

Thus, the individual parts of the power belt system are combined to form a perfectly functioning conveying element.



## TIMING BELTS

Compelling properties for all applications

### Timing belts – one of KEIPER's areas of expert competence.

Quality based on high quality and variety calls for a perfect production process as well as expert development work and the practical realization of appropriate solutions for our customers. This is what we do!

In power transmission, conveying and handling applications, timing belts are very important and versatile elements. Their special dynamics, high running precision and working reliability as well as their excellent chemical and mechanical properties make them a valuable part in all industrial sectors, especially when continuous use is expected.

KEIPER timing belts reliably move all kinds of power transmission and conveying belt systems, linear drives, lifting devices, gantry robots, gate drives and conveyor systems. They can stand up to the highest requirements.

### Consistent application-orientation and precision in every movement.

No matter how different the technical specifications may be, the resistance, precision and working reliability of KEIPER synchronised timing belts are always the focus.

KEIPER incorporates technological trends and customer requirements in its development efforts, using them to develop new and better timing belt solutions: always for the benefit of our customers and always in high, tested and certified quality.

Optimal drive and transport, highly accurate linear guiding and product placement, alignment of products and much more – KEIPER timing belts are designed and manufactured for constant and continuous performance.

The high number of teeth reflects the large number of possible applications.



# COATINGS

Unlimited combination and application possibilities

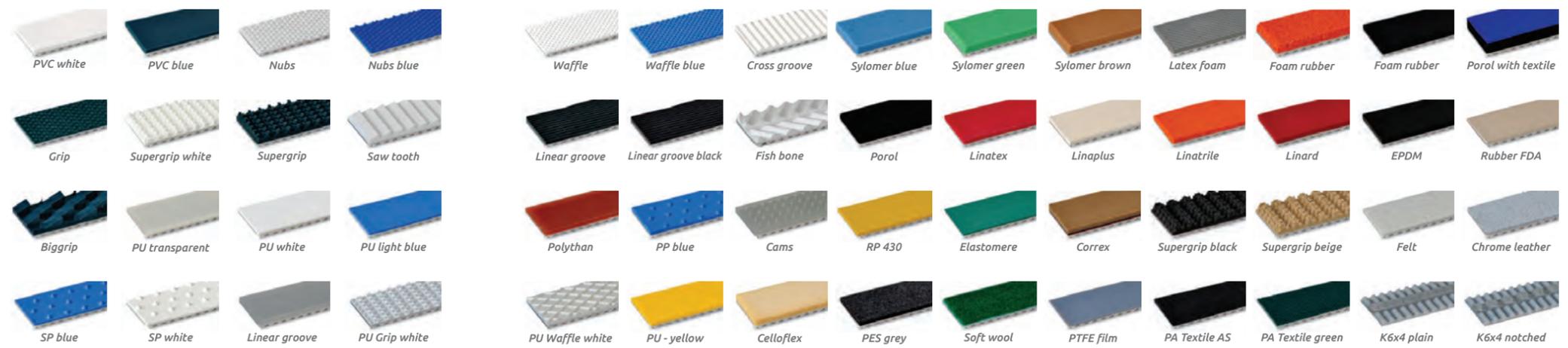


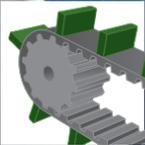
### The best solution when viewed from above.

Unlimited application possibilities are made possible by coating and processing timing belts and conveyor belts.

By combining suitable finishing methods, KEIPER attains the special properties needed for the diverse tasks involved in proper material flow.

KEIPER offers numerous coatings made of polyurethane, PVC, elastomers, PTFE, silicone and fabrics as well as special materials. Each material meets the requested properties and is adapted to the specific conveying task.





# PROFILES

Practice-oriented for optimal transport solutions



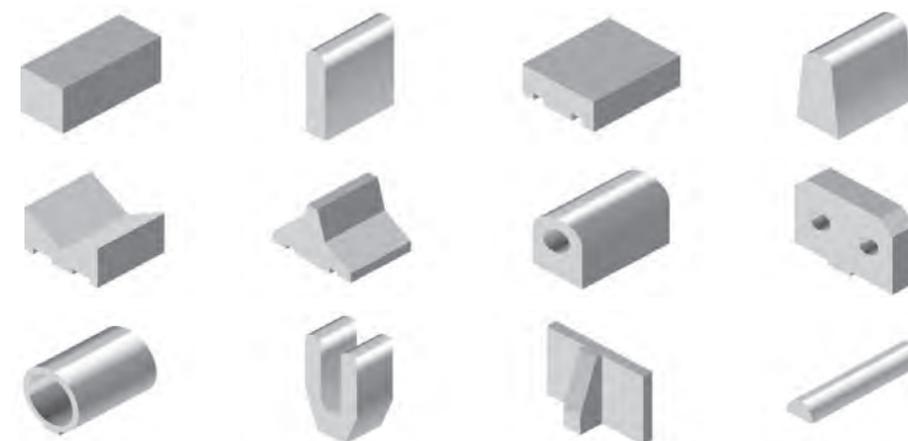
## Optimal material flow with no standstill.

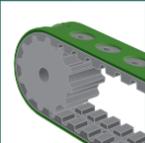
Positioning, pacing or separating – special tasks can be realised without any problems because of the application-oriented design and finishing of the timing belts.

Permanent, homogenous connections between the timing belt and the polyurethane cast profiles and cleats are ensured by means of welding, gluing or screwing.

When the elements are adapted to the product that is to be transported, pushing elements of almost any shape can be made – in different colours and degrees of hardness as well.

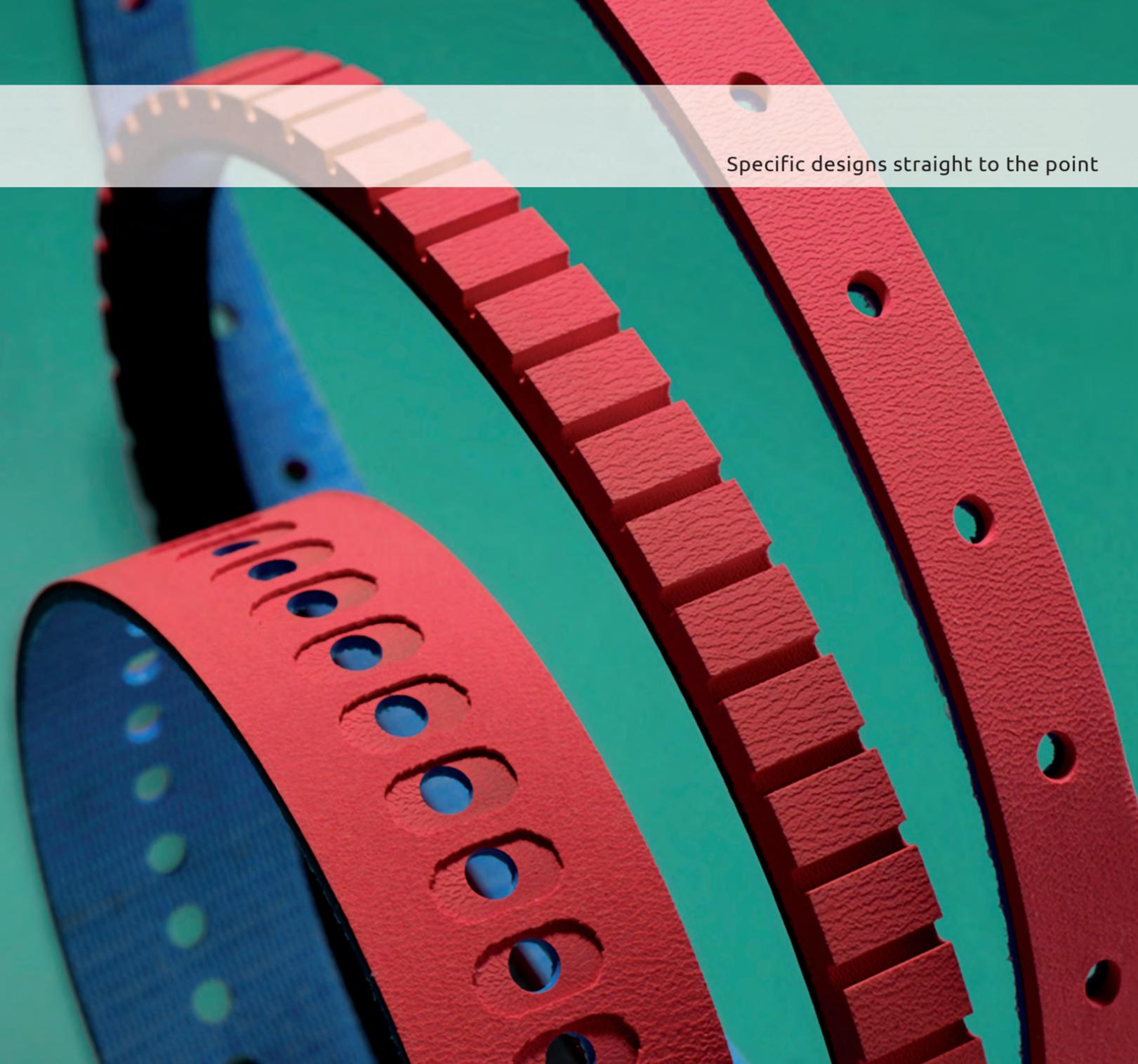
Timing belts and profiles are reliable components for many conveying applications and automation tasks; they ensure optimal material flow.





## MACHINING

Specific designs straight to the point

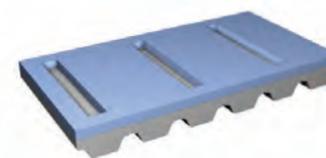


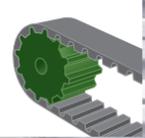
### Coatings for motion.

More than ever before, the effectiveness of state-of-the-art production plants calls for a high degree of specialisation and products of the highest possible quality.

The requirements posed with respect to moving components are increasing steadily, just as the performance and calculation of the running time. KEIPER belts are finished with high-quality coatings and additional mechanical processing so that they will fulfil the technical requirements safely and precisely. Numerous processing methods are possible: milling in all directions, contours, perforations for vacuum applications. Finally, the processing of the components can be rounded off by means of polishing the edges and surfaces.

Our profound know-how regarding what coating and processing methods can be optimally combined gets straight to the point of specific designs.





## SYNCHRONISING PULLYES



### A perfectly synchronised range of products.

Everything is rotating: Based on our know-how, KEIPER's synchronising pulleys ensure optimal interaction between synchronising pulleys and timing belts.

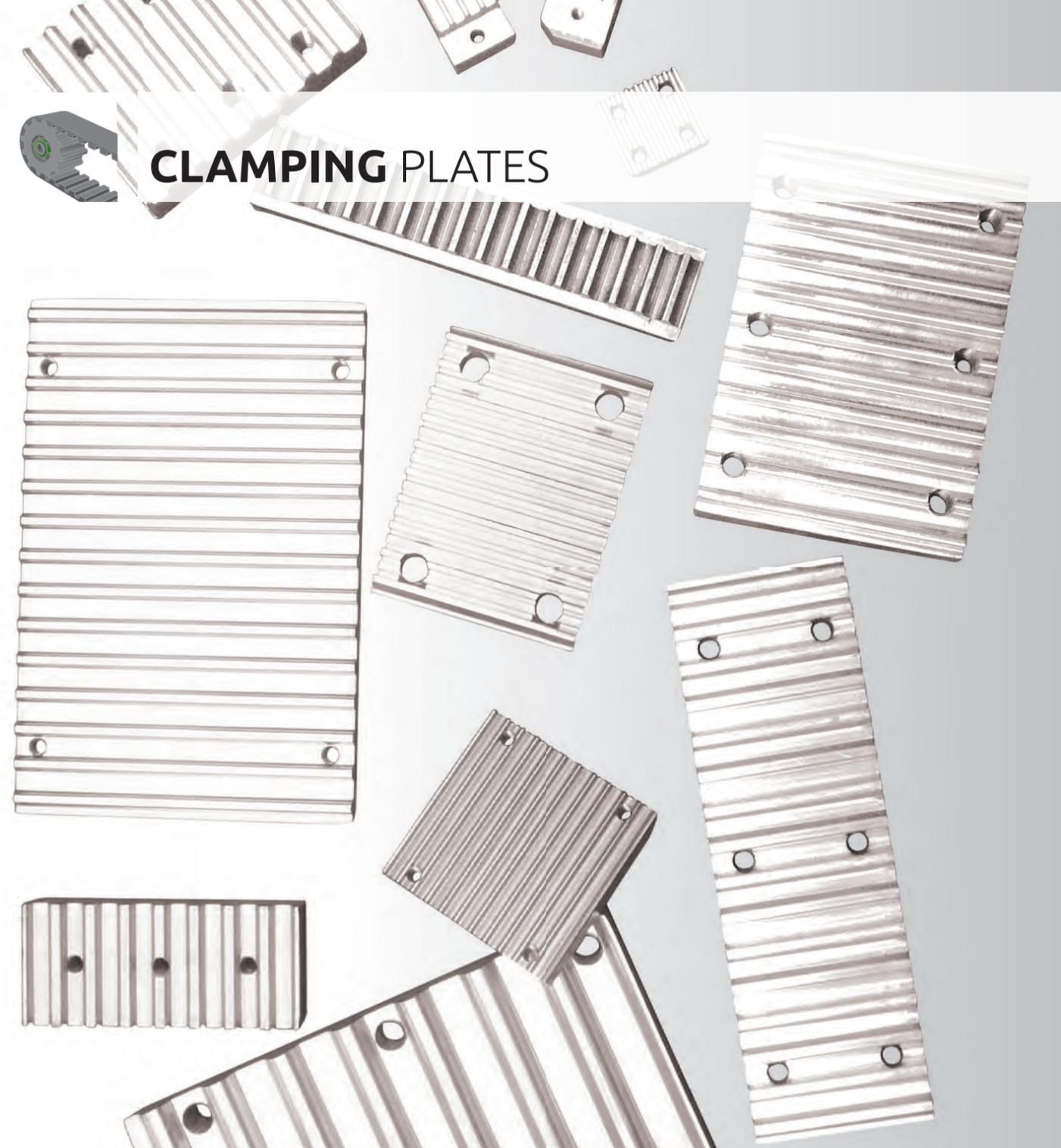
The quality of the synchronising pulleys decisively determines the function of the timing belt, perfect running quality and service life.

State-of-the-art production technology and continuous quality control are the prerequisites for the highest possible operational reliability.

KEIPER manufactures synchronising pulleys with all pitches. In addition, extensive production options are available, for example, CNC turning, grooving, drilling, milling, grinding, metal coatings as well as surface finishing and joining technology.



## CLAMPING PLATES



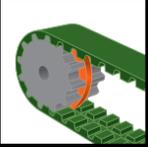
### Quick, secure, flexible and cost-efficient.

KEIPER's clamping plates for timing belts can be made of such different materials as aluminium, steel or stainless steel and in all possible pitches.

Special surface coatings such as hard coating, anodising, zinc or burnished coatings ensure good resistance to corrosion and wear.

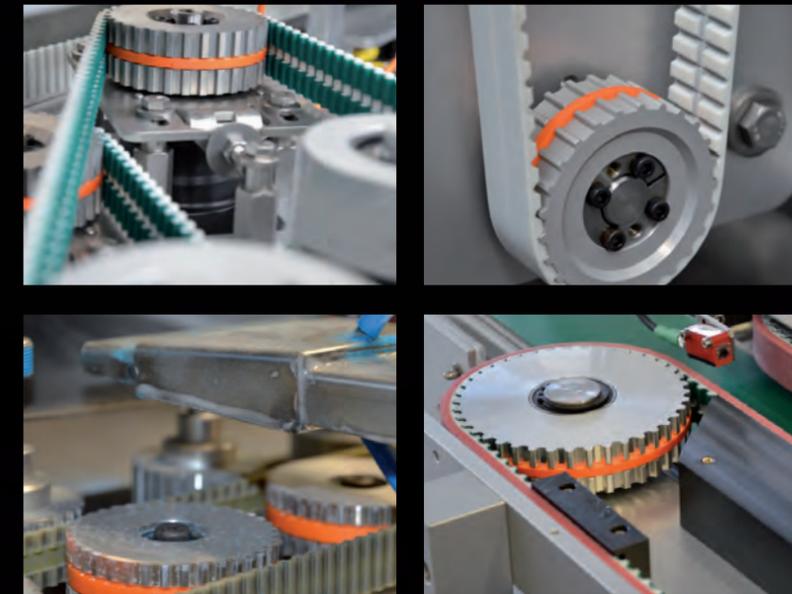
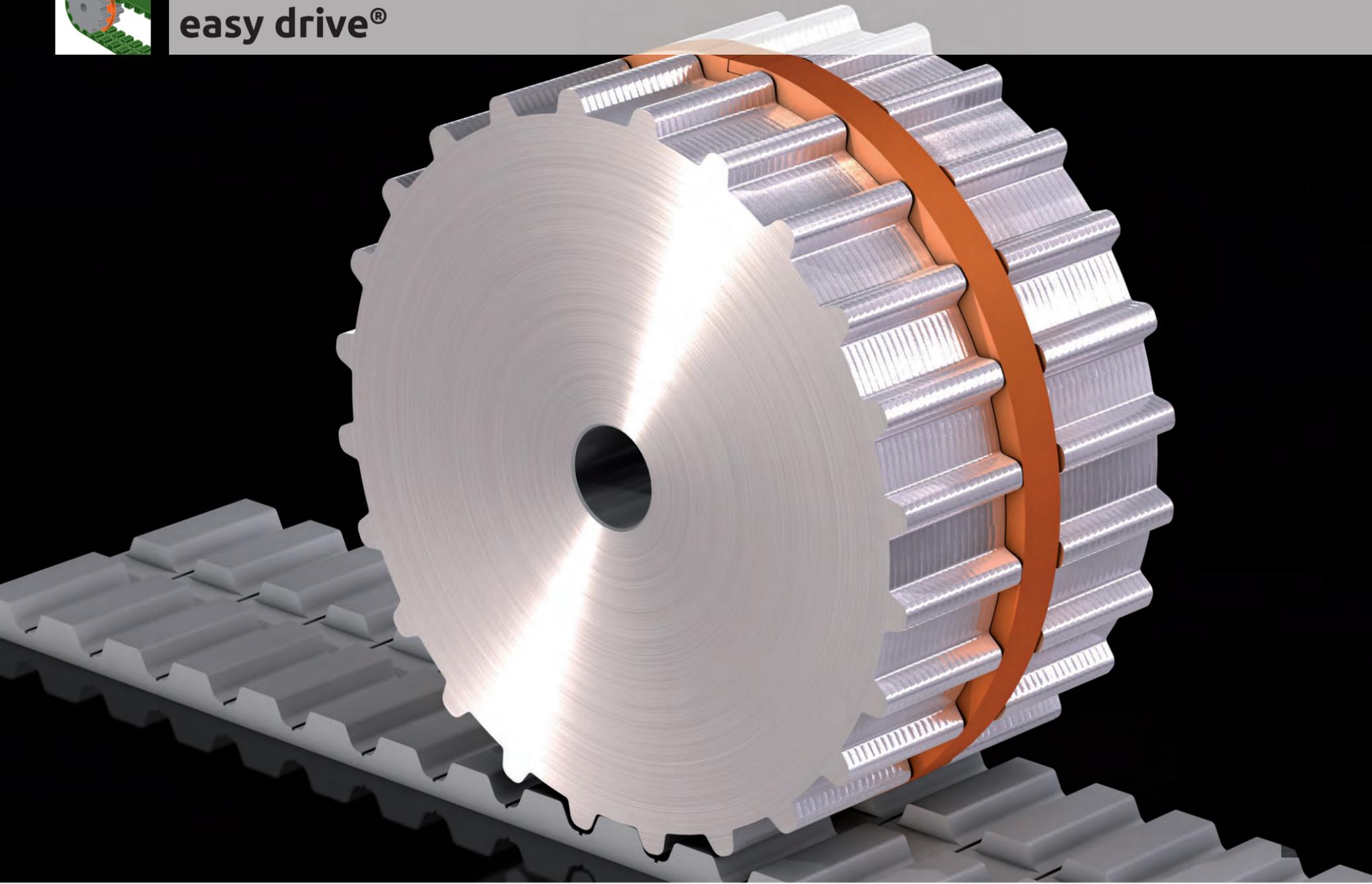
Our large range of clamping elements provides safe, quick and non-positive shaft-to-hub connection of the pulleys.

Since these machine elements can be produced as customised designs, we can offer ideal solutions for all applications and loads. Naturally, they can be combined with KEIPER's complete and comprehensive range of timing belt products.



easy drive®

Perfect directional stability in compact plants



**Safe. Directionally stable. Versatile: easy drive®.**

Modern power transmission and conveyor belt technology sets high requirements for the running precision of timing belts and pulleys, which is indispensable in all fields of application.

easy drive®, the new standard in timing belt engineering, is as efficient as it is simple, and it convinces because of its extreme directional stability, irrespective of tooth shape, pitch or material.

When compact construction is called for, flanged wheels or wedge guides can be left out.

The easy drive® solution, which users now regard as the new standard in timing belt engineering, opens unforeseen possibilities for fulfilling individual and unconventional requirements in timing belt applications.

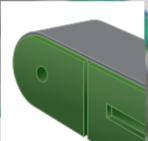
**New and better.**

A definite drawback of designs using flanged pulleys or V-guides to guide a timing belt on a pulley is the considerable lateral play during operation. easy drive® runs without play and with utmost directional stability.

The revolutionary and innovative aspect of easy drive® is the accurately meshing guide ring on the pulley, into which the timing belt – fitted with appropriate grooves – runs reliably and accurately.

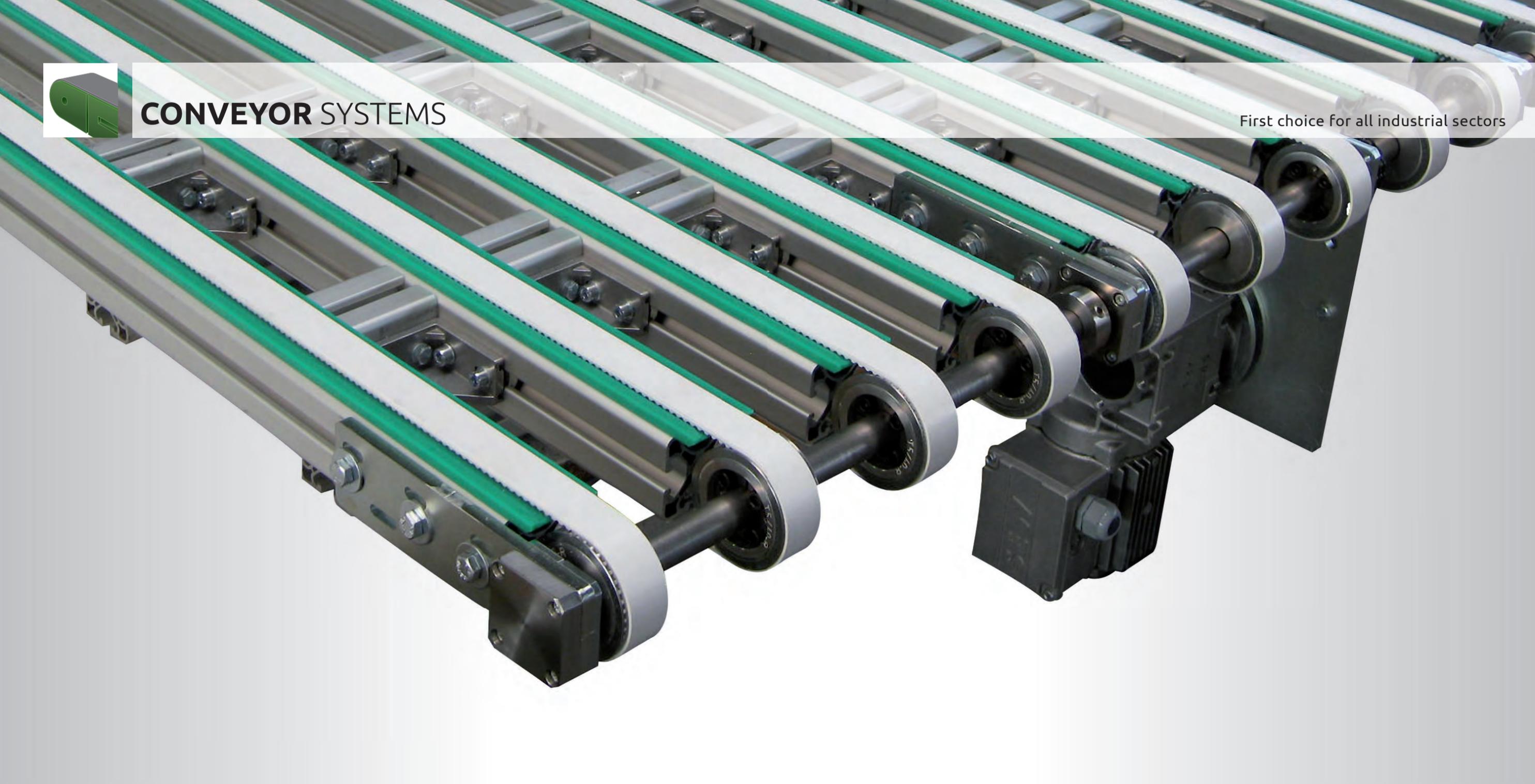
The easy drive® system features directional stability and, moreover, it also can be used when the belt runs in both directions and in very small spaces in a plant. Thus, it saves resources and costs.

easy drive® – simply the best alternative.



## CONVEYOR SYSTEMS

First choice for all industrial sectors



### **Material flow solutions for all industrial sectors.**

Special conveying tasks require special plant concepts, some of which also may go beyond standard designs.

In the interesting niche of small conveyor systems, we have been proving our passion for conveying tasks for many decades by planning, designing and manufacturing according to customers' specifications.

Custom-made designs for daily use based on proven quality and set for the future. Designed on the basis of a comprehensive modular system, KEIPER small conveyor systems are available in any needed form of construction and for any material flow task.

We deliver straight, curved, ascending, divided, parallel conveyor systems... as requested.

### **Utmost precision and flexibility.**

In view of its extensive and flexible conveyor technology product range, KEIPER will help you find solutions. It gives you extensive freedom of planning so that all project specifications can be taken into consideration.

Conveyor belts are safe and reliable transport systems, which are planned and built in an energy-efficient and very productive modular manner. In many industrial sectors, they fulfil perfectly the work stated in the specifications.

We supply our small conveyor systems to leading plant construction companies and directly to the packaging, food, pharmaceutical and automobile industries. We keep the material flow of our customers running.

For more than 90 years.



**KEIPER**

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