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**Flexible clamping unit designing - with new norelem products**

All from one source: Components fro tensioning belt and chain drives

**With belt or chain drives, individually adapted tensioning devices enable length compensation and thus ensure economical, quiet and low-vibration operation. Designers can put together tailor-made tensioning solutions with the new, coordinated clamping elements, chain tensioners, sprocket sets and tension pulleys from the norelem range.**

The basis of every unit is the clamping element: These have multifunctional spring bodies made of highly elastic and dimensionally stable natural rubber, which both cushion and support as well as tension and dampen. The clamping elements are absolutely maintenance-free, tear-off proof and have a high chemical resistance. The universal clamping elements are available in the versions steel and stainless steel, with front fastening in the steel version – these types are a good choice when mounting from the rear is not possible.

When combined with a set of sprockets, chain tensioner or a tension pulley, the clamping element is a ready-to-install clamping fixture for chain and belt drives. All of these components are now available from norelem in various sizes and types.

Roller chains can be tensioned using the sprocket wheel set. The ball bearings of this component are sealed both sides and, due to lifetime lubrication maintenance-free. The sprocket can be moved on the screw and thereby adapted to the chain track. In the duplex and triplex versions, precise spacer sleeves ensure that the chain has correct guidance.

Chain tensioners are also for tensioning the roller chains. The symmetrical design permits use of both sides, while large radii ensure smooth running. The glider is made of the high-quality Vesconite® plastic, which does not require any lubrication.

Flat and toothed belts can be tensioned on the outside or back of the belt using tension pulleys. They also have maintenance-free ball bearings. The tension pulleys can be mounted rigidly without a tension element. The components can also be used as deflection pulleys.

Characters including spaces: 2,112

Brief profile of norelem Normelemente KG

Every success begins with an idea. This is why norelem supports you in achieving your targets in machine and plant construction with an unrivalled selection of standard parts and components. THE BIG GREEN BOOK offers designers and technicians an extensive and clearly arranged assortment of quality components.

We support your project right from the start - with expert advice, a complete CAD database and fast delivery. For over 60 years norelem has been dynamically evolving, consistently amending our portfolio and continuously optimising the logistics.

From our headquarters in Markgröningen, Germany and over our international locations, we are active in youth developement with schooling and workshops.

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