



voestalpine CAMTEC

Your innovative and reliable partner

voestalpine Camtec GmbH
www.voestalpine.com/camtec

voestalpine
ONE STEP AHEAD.



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voestalpine Camtec is a worldwide leading company and specialist for standard parts, maintenance-free sliding elements and cam units. We convince especially in the automotive, toolmaking, injection moulding and specialized industries with the highest product quality, reliability and fast delivery times.

Our broad product portfolio offers suitable solutions for every requirement:

- » Cam units
- » Sliding elements & standard parts
- » ALZEN®

Industries:

- » Automotive
- » Toolmaking
- » Injection moulding
- » Specialized industries

With our broad product portfolio and individual customized products, we are able to offer personalized solutions for every requirement. Thanks to global locations, subsidiaries and holdings, we can react flexibly and quickly to your concerns and ensure the highest quality of service on site.

Our dedicated team of specialists takes care of your individual needs globally.

**SIMPLE, FAST AND TARGETED
TO THE OPTIMUM SOLUTION!**

In our Product Finder you will find detailed information on products, 3D downloads and on orders. Find out now:

www.voestalpine.com/camtec/Product-Finder

Click here to go directly
to the Product Finder

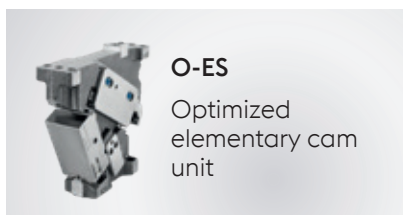




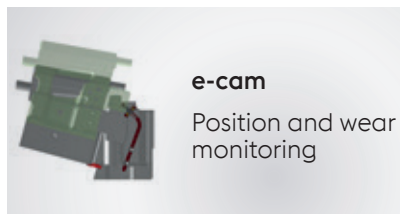
CAM UNITS

voestalpine Camtec cam units offer the optimum solution for every process requirement. The innovative system of the optimized cam unit series convinces with more performance, higher reliability and precision in the tool. Our locking cam unit LOCCAM® and the e-cam provide solutions for specialized applications.

OPTIMIZED CAM UNITS



SPECIAL APPLICATIONS



Advantages:

- » Long service life
- » Constant force transmission
- » High retraction forces
- » Easy maintenance
- » 24-hour emergency stock in Austria, Canada and China
- » Individual special cam unit solutions

SLIDING ELEMENTS & STANDARD PARTS

Our wide range of standard parts and sliding elements offers standardized parts as well as customer-specific special designs. We manufacture our products from common materials such as WF750, sinter, steel, as well as from our special material ALZEN®.

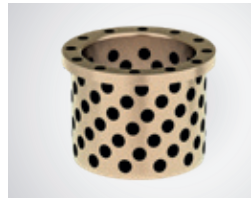
STANDARD PARTS & SLIDING ELEMENTS



Bushings without flange



Bushings with flange



Bushings with buffer flange



Washers



Wear plates



Cover plates



Plain wearstrips



Multiple area guiding stripes



L-Gibs



Cam stroke plates with/without rollers



Prism guides



Guide bars, rectangular guide blocks, lockings



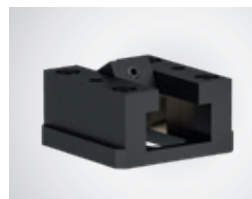
Spring ball plungers, flange lifters, spring bolts



Guide posts, trunnions



Centering units



Bolt guides

Advantages:

- » Maintenance free
- » Low frictional resistance
- » Wear resistant
- » Corrosion resistant
- » Long service life
- » Load temperature up to approx. 200 °C possible
- » Environmentally friendly
- » Special designs possible



ALZEN®

ALZEN® is an alloy consisting of zinc, aluminium and copper and is also known as „white bronze“.

It offers excellent sliding and corrosion protection properties and impresses with its low specific weight (4.6g/cm^3). ALZEN® is mainly used in mechanical engineering, automotive, construction and stone industry as well as in agriculture and forestry.

We supply ALZEN® in the form of raw material, pre-machined and finished parts according to your specifications. Within our product portfolio we offer ALZEN®-rods, tubes, bushings, plates and sheets.



Advantages of ALZEN®: (Compared to bronze and other bearing alloys)

- » Longer service life and better wear behaviour
- » Cost & CO₂ reduction
- » Non-sparking, non-magnetic and nonrusting
- » Very good sliding, damping and emergency running properties
- » Very good machinability at high cutting speeds
- » Better embedding properties
- » Free from lead (REACH regulation)

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