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O-BS  
OPTIMIZED  
BASIC CAM

# O-BS – OPTIMIZED BASIC CAM UNIT

Precision meets power.

Our new developed basic cam unit is an economical alternative to our premium series. With a load-dependent service life of up to one million strokes, it impresses with its optimized application options, simplified handling and strong forces. Thus it offers added value for all customers.

## HIGHLY COMPACT DESIGN AND REDUCED COMPLEXITY

resulting from reduced number of components

## STRONG RETRACTION FORCES

for the processing of high-strength steels

## PATENTED 1° ANGLE

of side plates

## CONVINCING MANUFACTURING QUALITY

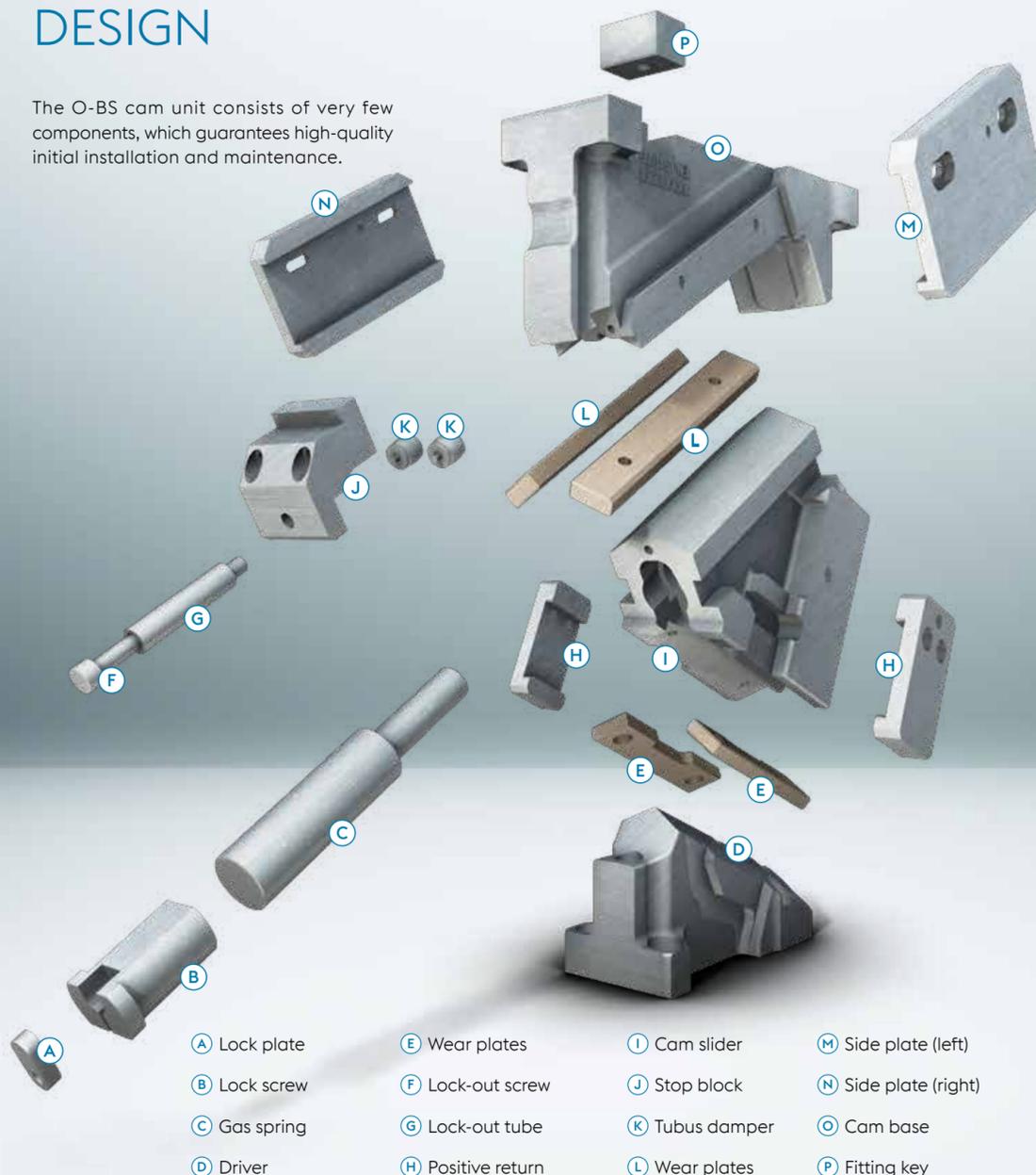
based on certified materials and optimized surface properties

## FLEXIBLY EXCHANGEABLE

from the back or the side – for improved handling and more efficient tool usage

## HIGH-PRECISION DESIGN

The O-BS cam unit consists of very few components, which guarantees high-quality initial installation and maintenance.



## O-BS TECHNICAL DETAILS

### Important information at a glance

Here you will find important technical data for the optimized basic cam unit. Should you have any further questions about O-BS, our experienced team of specialists will be happy to assist you at any time. Please contact us at [sales.camtec@voestalpine.com](mailto:sales.camtec@voestalpine.com)

	O-BS
Average service life (depending on loads)	1,000,000 strokes
Guaranteed service life – Level 1 / Level 2	500,000 / 750,000 strokes
Precision adjustments made during assembly	Yes
Sliding surfaces	At least Rz 6.3, unhardened
Field of application	Shaping, beveling, punching cutting
Angle range	0° – 75°
Tensile strength of driver, sliding element and cam base materials	600 N/mm <sup>2</sup> minimum
Available widths (mm)	60, 65/85, 90/110, 125/160, 175/220, 260/330, 400/500
Lock-out system	Yes
Guide clamps	1.7225 / Sinter
Positive return	Both sides
Measuring holes	Yes
Gas spring	Yes
Special cam unit options	Yes
Compliant with BAK/VDI	Yes
NAAMs insert point	Yes



The QR code leads you directly to the force diagrams

Please find the most state-of-the-art O-BS cam units in our product finder: [www.voestalpine.com/camtec/Product-Finder](http://www.voestalpine.com/camtec/Product-Finder)