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11/2025



O-ES  
OPTIMIZED  
ELEMENTARY CAM

FORMING TOMORROW

LACHER  
CAM  
TEC

Lacher Camtec GmbH  
www.lacher-camtec.com

LACHER  
CAM  
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# O-ES – OPTIMIZED ELEMENTARY CAM

Precision meets power.

Our newly-developed elementary cam unit is an economical alternative to our premium and basic 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.

## HIGHLY COMPACT DESIGN AND REDUCED COMPLEXITY

resulting from reduced number of components

## STRONG RETRACTION FORCES

for the processing of medium to high-strength steels

## PATENTED 1° ANGLE

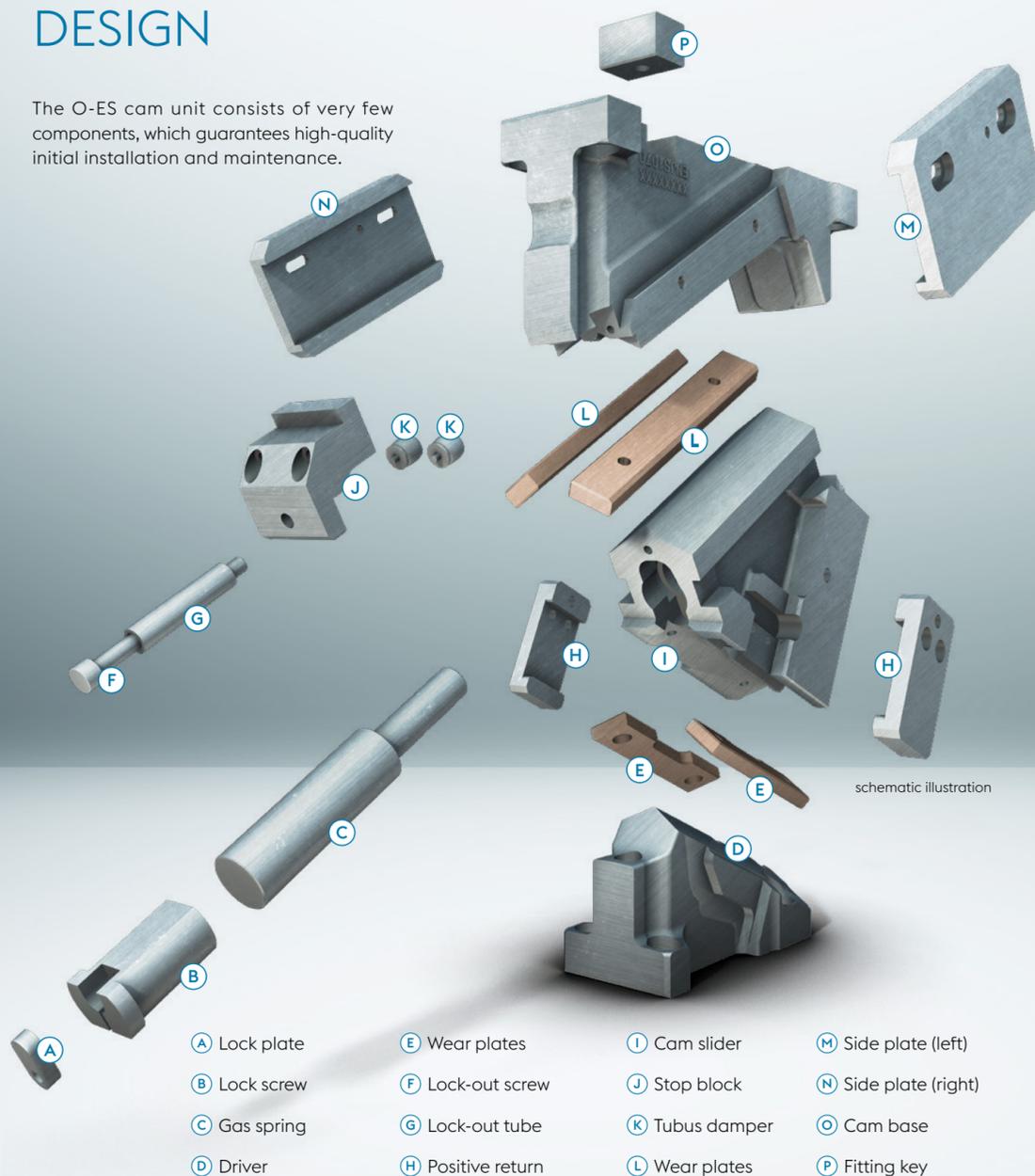
of side plates

## FLEXIBLY EXCHANGEABLE

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

## HIGH-PRECISION DESIGN

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



## O-ES TECHNICAL DETAILS

### Important information at a glance

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

	O-ES
Average service life	1,000,000 strokes
Guaranteed service life	300,000 strokes
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	400 N/mm <sup>2</sup> minimum
Available widths (mm)	50, 65/85, 90/110, 125/160, 175/220, 260/330, 400/500
Lock-out system	Yes
Sliding element removable to the rear	Yes
Guide clamps	1.7225 + Graphite
Positive return	Both sides
Measuring holes	No
Gas spring	Yes
Special cam unit options	No
Compliant with VDI	Yes
NAAMs insert point	Yes
Pre-machining	Yes



The QR code leads you directly to the force diagrams

Please find the most state-of-the-art O-ES cam units in our product finder homepage: [www.camtec-normalien.com](http://www.camtec-normalien.com)