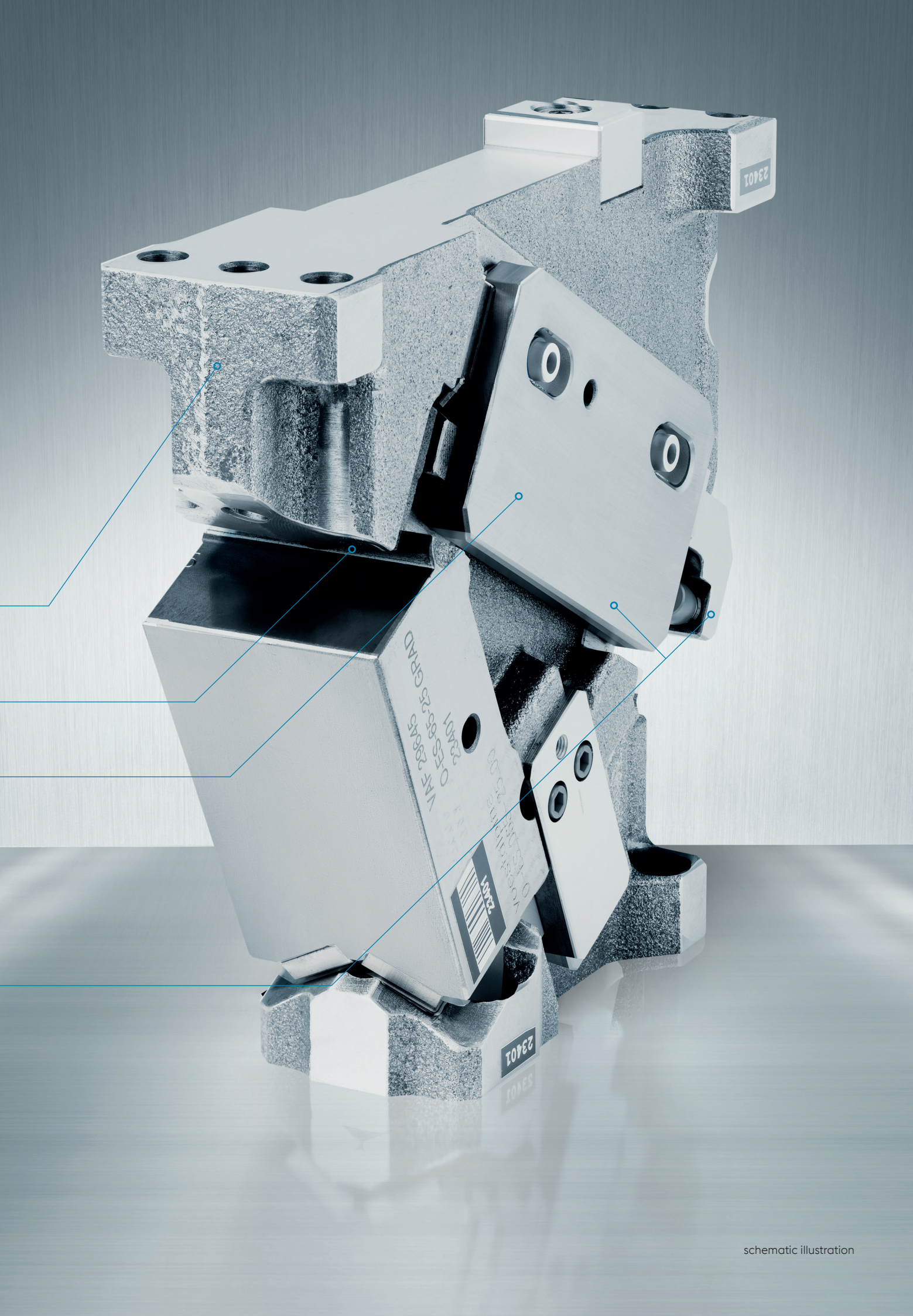




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O-ES
OPTIMIZED
ELEMENTARY CAM

schematic illustration

voestalpine

ONE STEP AHEAD.

voestalpine Camtec GmbH
www.voestalpine.com/camtec

voestalpine

ONE STEP AHEAD.

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

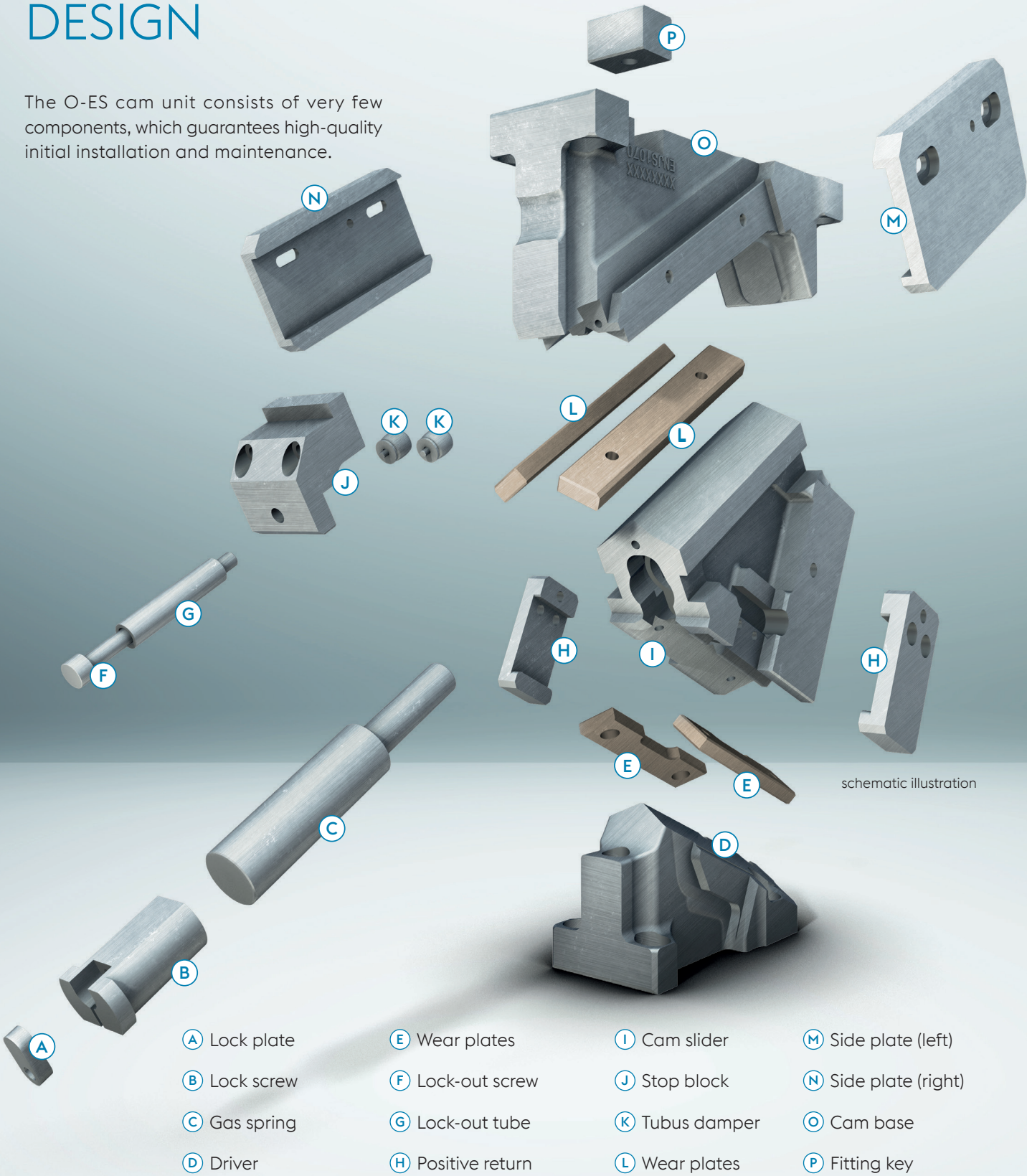
STRONG RETRACTION FORCES
for the processing of medium to high-strength steels

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.



schematic illustration



schematic illustration

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.camtec@voestalpine.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/mm² 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: www.voestalpine.com/camtec/Product-Finder