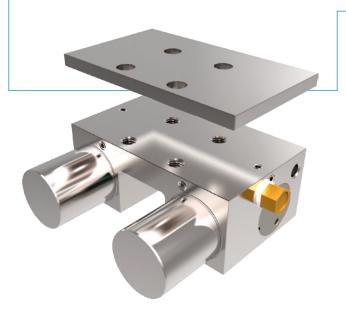
CLAMPING ELEMENTS | PNEUMATIC SERIES MKS

PRODUCT ADVANTAGES



broad range of products

For all common profile rail guides

► Energize to open (NC)

through spring-loaded energy storage

high durability

Up to 5 million static clamping cycles

Higher holding force

Via activation with PLUS air

Safety element

Safe clamping in case of energy failure

▶ THE BEST PRODUCT FOR YOUR APPLICATION

APPLICATION SCE-**NARIOS**

- Clamping in case of pressure drop
- Clamping without energy requirement

FURTHER INFORMATION

Spacer plate

In addition, a spacer plate might have to be ordered as height compensation, depending on the height of the rail carriage (dimension D).

Special variants on request, e.g.

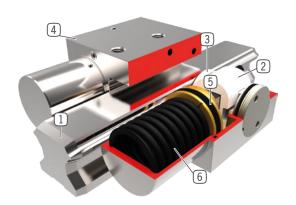
With low opening pressure (3.0 bar or 4.0 bar)

With proximity switch monitoring

With additional air connection (from above, from the front)

BENEFITS IN DETAIL

- 1 Profile rail guide
 - Available for all common profile rail guides
- 2 Wedge-type gear
 - Power transmission between piston and clamping jaw
- 3 Clamping jaw
 - Pressed at the free surfaces of the profile rail guide
- (4) Housing
 - chemically nickel plated steel
- 5 Pneumatic piston
 - The piston moves the wedge-type gear longitudinally
- 6 Spring-loaded energy storage
 - For non-pressurized closing of the clamping unit



► INFORMATION ON THE SERIES



| Rail size | 12-100 mm |
|-------------------------------------|-----------------|
| Holding force | 250-3300 N |
| Pressure min. / max. | 5.5 / 6.5 |
| Spring storage | existing |
| PLUS connection | Yes |
| Static clamping cycles (B10d value) | up to 5 million |
| Dynamic braking cycles | not suitable |
| Operation | pneumatic |
| Operating temperature | -10 +70 [°C] |



Technical Information

All information just a click away at: www.zimmer-group.de
Find data, illustrations, 3D models and operating instructions for your installation
size using the order number for your desired model.
Quick, clear and always up-to-date.

Selection guide for clamping and braking elements

Whatever the possible application – here, you'll find the right product. Easy selection of the right element for any rail-carriage combination: www.zimmer-group.de/de/plt.