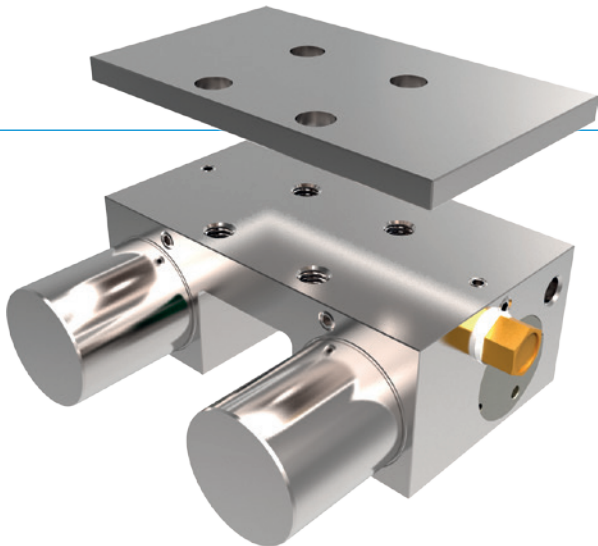


# CLAMPING ELEMENTS | PNEUMATIC SERIES MKS

## ▶ 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

## ▶ INFORMATION ON THE PRODUCTS

### APPLICATION SCENARIOS

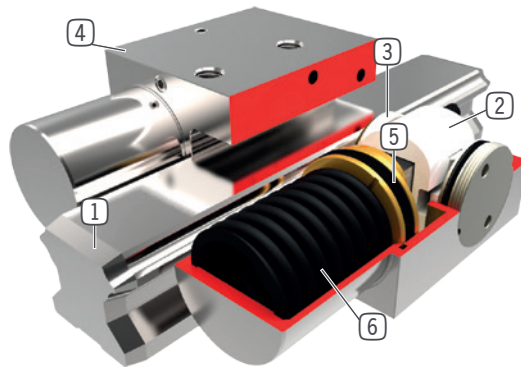
- ▶ **Clamping in case of pressure drop**
- ▶ **Clamping without energy requirement**

### FURTHER INFORMATION

- ▶ **Adapter plate**  
In addition, an adapter plate might have to be ordered as height compensation depending on the height of the runner block (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)

## ▶ TECHNICAL DETAILS

- 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

### TECHNICAL DATA

Rail size	12-100 mm
Holding force	250-3300 N
Pressure min.	5.5 bar
Pressure max.	6 bar
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.com](http://www.zimmer-group.com)

Find data, illustrations, 3D models and operating instructions for your installation size using the order number for your desired product.

Quick, clear and always up-to-date.