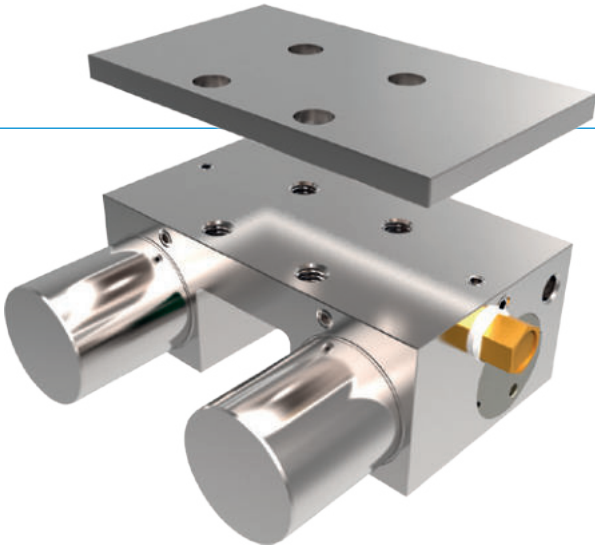


CLAMPING ELEMENTS | PNEUMATIC SERIES MKS

► 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

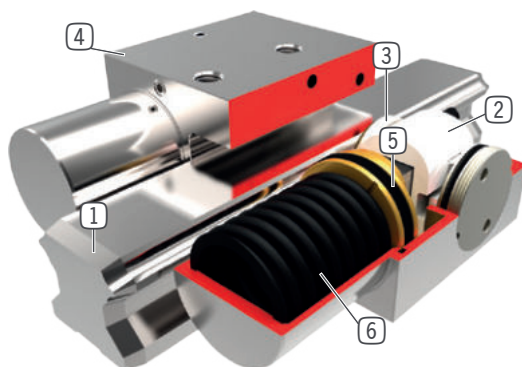
- **Clamping in case of pressure drop**
- **Clamping without energy requirement**

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

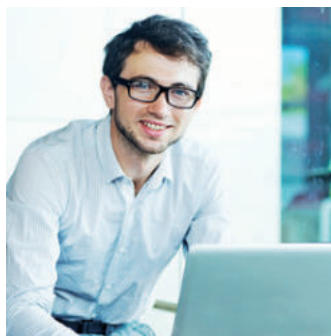
- ① **Profile rail guide**
 - Available for all common profile rail guides
- ② **Wedge-type gear**
 - Power transmission between piston and clamping jaw
- ③ **Clamping jaw**
 - Pressed at the free surfaces of the profile rail guide
- ④ **housing**
 - chemically nickel plated steel
- ⑤ **Pneumatic piston**
 - 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
 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.