

# CLAMPING ELEMENTS | PNEUMATIC SERIES LKP

## ▶ PRODUCT ADVANTAGES



- ▶ **broad range of products**  
For all common profile rail guides
- ▶ **Energize to close (NO)**  
Closing with pressure
- ▶ **high durability**  
Up to 5 million static clamping cycles
- ▶ **Small and narrow design**  
By using U-form piston
- ▶ **Maximum flexibility**  
Additional air connection from front

## ▶ THE BEST PRODUCT FOR YOUR APPLICATION

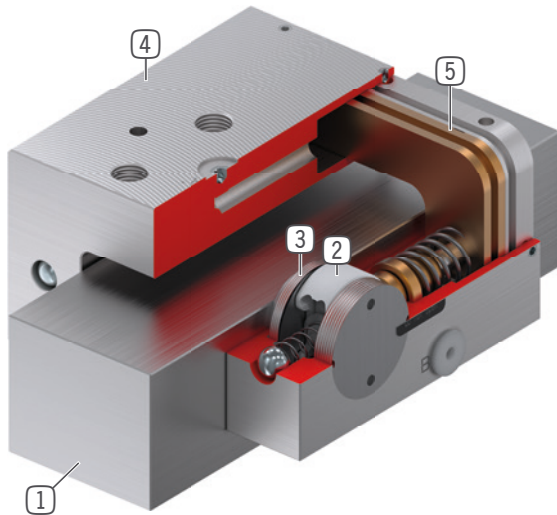
### APPLICATION SCENARIOS

- ▶ **Clamping of machine tables**
- ▶ **Positioning of axes**
- ▶ **Fixing of vertical axes in neutral position**

### 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.**  
made of stainless steel

## ► 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 **Narrow housing**
- ⑤ **Pneumatic piston**
  - The piston moves the wedge-type gear longitudinally

## ► INFORMATION ON THE SERIES

► Technical data	
Series	LKP
Rail size	15-35 mm
Holding force	550-4500 N
Pressure min. / max.	3 / 6.5
Spring storage	inexistent
PLUS connection	No
B10d value	up to 5 million
Dynamic braking cycles	not suitable
Operation	pneumatic
Operating temperature	-10 ... +70 [°C]