

# CLAMPING ELEMENT | HYDRAULIC

## LBHS4501AS2A

### ▶ PRODUCT ADVANTAGES



- ▶ **broad range of products**  
For all common profile rail guides
- ▶ **Energize to open (NC)**  
through residual stress
- ▶ **the power pack**  
0.5 million static clamping cycles
- ▶ **Safety element**  
Safe braking in case of energy failure
- ▶ **Maximum flexibility**  
Additional hydraulic connection from above

### ▶ TECHNICAL DETAILS



- ① **Profile rail guide**
  - Available for all common profile rail guides
- ② **Housing - functional component**
  - Generating clamping force by clamping material
  - Narrow and low design
- ③ **Eroding contour**
  - Used for opening the element under pressure
- ④ **Clamping jaws and brake shoes**
  - Pressed at the free surfaces of the profile rail guide
- ⑤ **Sealing plates**
  - for double-sided hydraulic line connection
- ⑥ **Scraper**
  - Optionally available with "A" article ending

### ▶ INFORMATION ON THE PRODUCTS

APPLICATION SCENARIOS

- ▶ **Precise positioning through maximum rigidity**
- ▶ **Clamping measurement applications**
- ▶ **Clamping and braking of heavy handling systems**
- ▶ **Braking in emergency OFF situations**
- ▶ **Clamping in case of pressure drop**

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).

