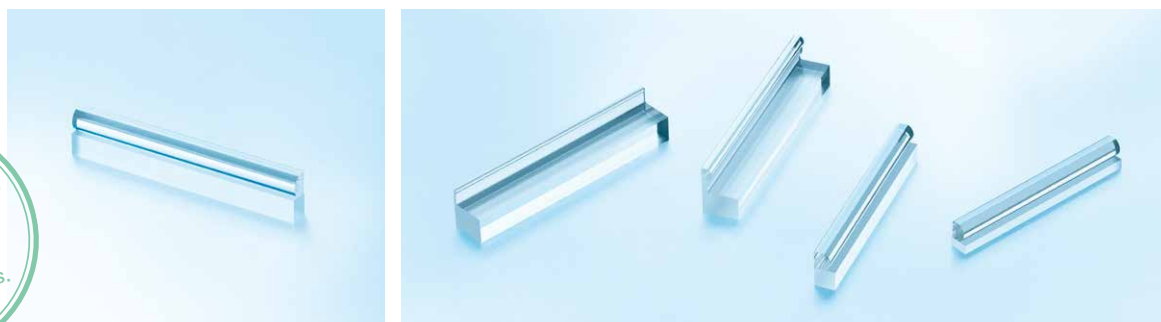
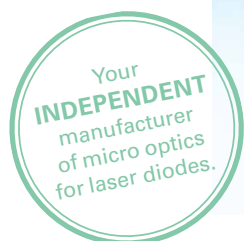


# Fast Axis Collimator Lenses (FACs) on bottom tabs with high-precise positioning



**Based on a large portfolio, FISBA FACs can be customized to tab dimensions and precisely be positioned on the tabs. In addition, the handling is easier and the controlled FAC smile is simple to reproduce.**

#### Technical Data FAC

- Focal length: 200 – 1700  $\mu\text{m}$
- Material: high index glass with  $n > 1.8$
- Wavelength: 430 – 1550 nm
- Length: customized to your request, starting at 2 mm
- For all technical details of FACs see separate datasheet

#### Technical Data tab

- Bottom tab optionally with glue stop
- Length: customized to your request, starting at 2 mm

#### FISBA Capabilities

- Leading supplier of FACs in large quantities
- In-house custom design
- Prototype production
- Large scale production
- Customized FACs assembled to bottom tabs

#### Your Benefits with FACs on bottom tabs

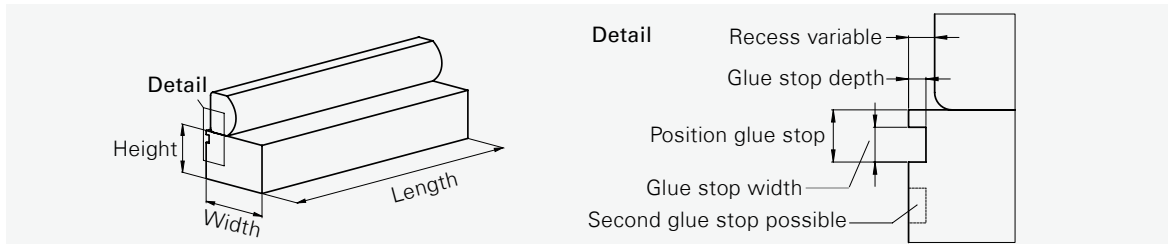
- Easy handling on tabs
- Controlled FAC smile / FAC smile on low, stable level
- Precise positioning on tabs ( $\pm 2 \mu\text{m}$ )
- Recess of FAC on tabs can be tailored to individually measured BFL of FAC ( $\pm 5 \mu\text{m}$ )
- Constant glue gap in your application
- Optional glue stop

#### Industries & Applications

- Diode Laser Integration
- Optical Communications

# Technical Specifications

## FAC Lenses on bottom tabs



Parameters	Dimension (height x width) mm
Tab_05_05	0.5 x 0.5
Tab_05_10	0.5 x 1.0
Tab_10_10	1.0 x 1.0
Tab_10_15	1.0 x 1.5
Tab_20_20	2.0 x 2.0
Tab_20_25	2.0 x 2.5
All tabs	Length (mm): customized to your request

For all technical details of FACs see separate datasheet.