

Fast Axis Collimator Lenses (FACs) on Bottom Tabs Based on a Large FAC Portfolio

High-precision pre-positioning for best results!

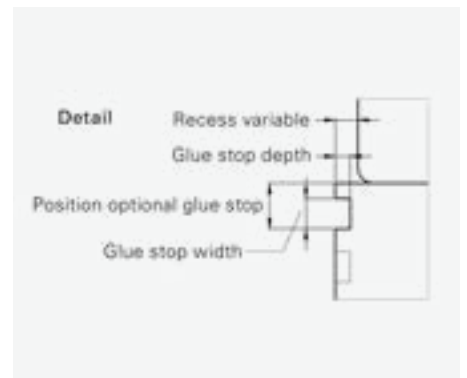
Your Benefits

- **Best results for your application:**
 - Better thermal conductivity between FAC and mechanical mount.
 - FAC smile on low, stable level.
 - Precise positioning on tabs ($\pm 2 \mu\text{m}$).
 - Constant glue gap in your application.
 - Adjusted offset of the FAC to the tab, depending on the individually measured BFL of the lens ($\pm 5 \mu\text{m}$).
 - Optional glue stop.
- **Complexity reduction:** Easy handling on tabs.



Technical Data FACs

- **Effective Focal length:** 200 – 1700 μm
- **Material:** high index glass with $n > 1.8$
- **Wavelength:** 430 – 1600 nm
- **Length:** customized to your request, starting at 3 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 3 mm



Applications

- Diode Laser Systems
- Fiber Laser Pumps
- Disk Laser Pumps
- Solid-state Laser Pumps
- LiDAR Systems

FAC Lenses on Bottom Tabs

Technical Specifications



| Product name | Height x Width mm | Length mm |
|--------------|-------------------|----------------------------|
| Tab_05_05 | 0.5 x 0.5 | Customized to your request |
| Tab_05_10 | 0.5 x 1.0 | Customized to your request |
| Tab_10_10 | 1.0 x 1.0 | Customized to your request |
| Tab_10_15 | 1.0 x 1.5 | Customized to your request |
| Tab_20_20 | 2.0 x 2.0 | Customized to your request |
| Tab_20_25 | 2.0 x 2.5 | Customized to your request |

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