

Fast Axis Collimator Lenses (FACs) on bottom tabs

Based on a large FAC portfolio

High-precise pre-positioning for best results!

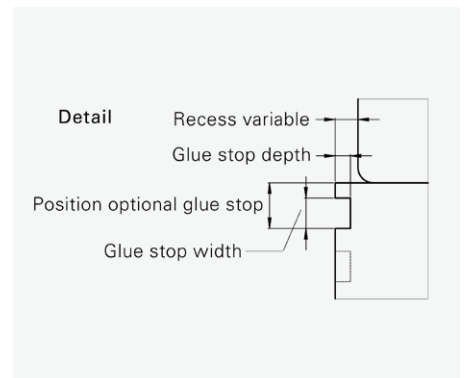
Your Benefits

- **Best results in 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.
- **Reduce complexity:** Easy handling on tabs.



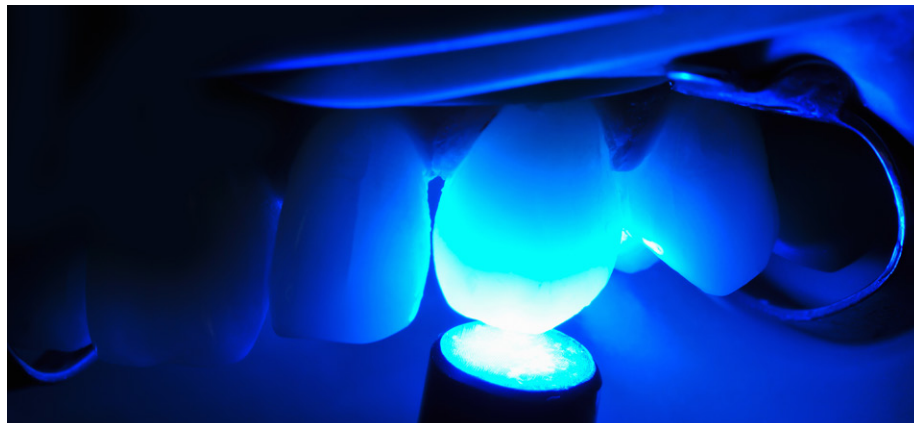
Technical Data FACs

- Focal length: 200 – 1700 μm
- Material: high index glass with $n > 1.8$
- Wavelength: 430 – 1550 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



Productname	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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