



ロッドレンズ

φ0.3mmのマイクロレンズで用途を広げます

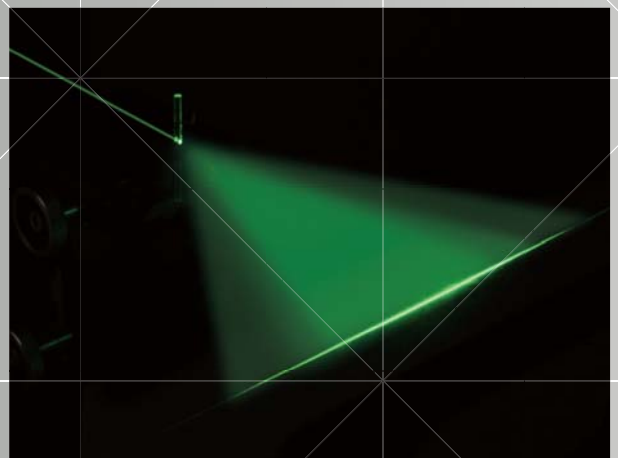
- シリンダー面の高い面精度 ($\lambda/4 \sim$)、形状精度により鮮明なビームを形成します
- 端面のみ研磨、シリンダー面のみ研磨など用途に応じて作成
- 高精度を要求される半導体製造・検査装置、液晶露光装置に幅広く利用されています

用途: センサー、ライトガイド、内視鏡等

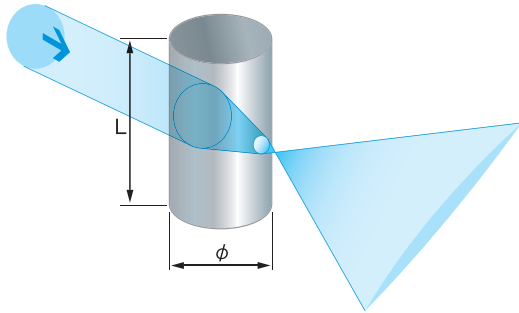
Provides an expanded range of applications by using a micro lens that is φ0.3 mm in diameter.

- The cylinder surface exhibits a high degree of surface accuracy ($\lambda/4$ -) and form accuracy, enabling the rod lens to form clear beams.
- Either only the edge surface or cylinder surface is polished, depending on the application.
- This type of lens is widely used in devices that require a high degree of precision, such as semiconductor manufacturing and inspection devices, and liquid crystal devices.

Application: Sensors, light guides, and endoscopes

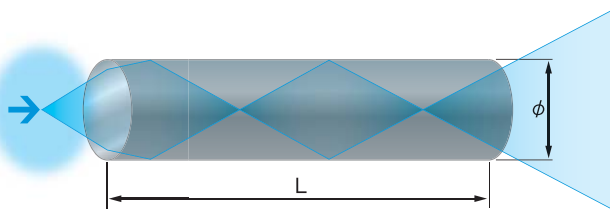


Rod Lens with polished cylindrical surface



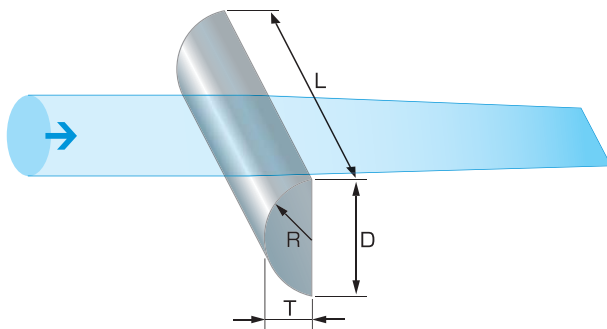
Material: Optical Glass and Fused Silica
 ϕ : 0.3~100mm $\pm 0.005\text{mm} \leq$
 L: 0.1~100mm $\pm 0.02\text{mm} \leq$
 S/D: 20/10

Rod Lens with polished edge surfaces



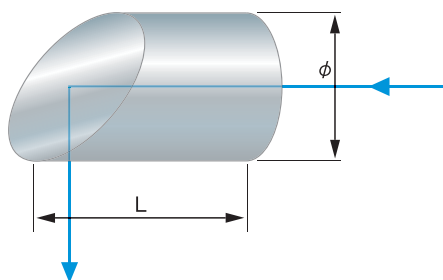
Material: Optical Glass and Fused Silica
 ϕ : 0.5~12.5mm $\pm 0.005\text{mm} \leq$
 L: 0.1~45mm $\pm 0.02\text{mm} \leq$
 Surface Accuracy: $\lambda/4$
 S/D: 10/5

Micro Cylindrical Lens



Material: Optical Glass and Fused Silica
 R: 0.25~6mm $\pm 0.005\text{mm} \leq$
 ϕ : 0.5~10mm $\pm 0.01\text{mm} \leq$
 L: 45mm $> \pm 0.02\text{mm} \leq$
 T: 0.25~6mm $\pm 0.02\text{mm} \leq$
 S/D: 20/10

Rod Prism



Material: Optical Glass and Fused Silica
 ϕ : 0.5~12.5mm $\pm 0.01\text{mm} \leq$
 L: 30mm $> \pm 0.05\text{mm} \leq$
 Angle: 10~80deg
 Surface Accuracy: $\lambda/4$
 S/D: 40/20

※硝材、ご希望仕様により上記仕様は変わります。まずは、お問い合わせください：www.mflens.co.jp

* The specifications described above may vary, depending on the glass materials and desired specifications.
 For more details contact us at the following address: www.mflens.co.jp/en