

球面レンズ

内視鏡向け $\phi 0.4$ から集光用 $\phi 400$ まで幅広く対応します

- TriOptics社の測定機により $\phi 1$ 以下のレンズの偏芯も保証します
- 小判型、正方形、長方形等ご希望形状に成形します
- 前面が球面形状、裏面がシリンジカル面のマルチレンズ作成可能

用途: 内視鏡、顕微鏡、半導体製造装置等

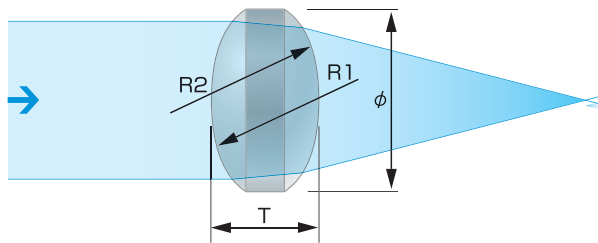
Spherical lenses have a wide range of applications, from endoscopes $\phi 0.4$ mm in diameter to condensing lenses $\phi 400$ mm in diameter.

- The measurement equipment produced by Trioptics is used to guarantee the centering error of spherical lenses that are less than $\phi 1$ mm in diameter.
- We can create lenses to fit the shape you need, such as oval, square, or rectangular types.
- We can also manufacture multi-lenses that are spherically shaped in the front and have a cylindrical surface at the rear.

Application: Endoscopes, microscopes, and semiconductor manufacturing devices

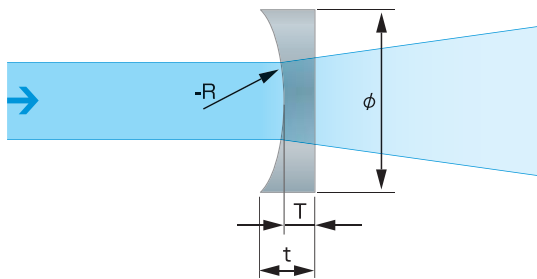


Spherical Lens with Bi-Convex



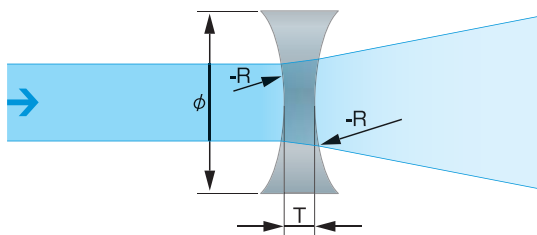
Material:	Optical Glass, Fused Silica and CaF2
R:	1.1~3000mm Power ± 1 fringe \leq
ϕ :	0.4~70mm ± 0.01 mm \leq
T:	1~10mm ± 0.02 mm \leq
Surface Accuracy:	$\lambda/10$
Centering Error:	1 minute \leq
S/D:	10/5

Spherical Lens with Plano-Concave



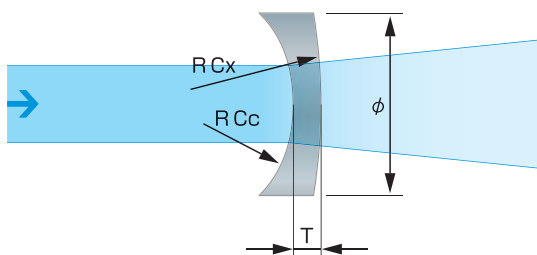
Material:	Optical Glass, Fused Silica and CaF2
R:	-0.45~-3000mm Power ± 1 fringe \leq
ϕ :	0.4~400mm ± 0.01 mm \leq
T:	0.2~10mm ± 0.02 mm \leq
Surface Accuracy:	$\lambda/10$
Centering Error:	1 minute \leq
S/D:	10/5

Spherical Lens with Bi-Concave



Material:	Optical Glass, Fused Silica and CaF2
R:	-0.45~-3000mm Power ± 1 fringe \leq
ϕ :	0.4~400mm ± 0.01 mm \leq
T:	0.2~10mm ± 0.02 mm \leq
Surface Accuracy:	$\lambda/10$
Centering Error:	1 minute \leq
S/D:	10/5

Meniscus Lens



Material:	Optical Glass, Fused Silica and CaF2
R Cc:	-0.7~-3000mm Power ± 1 fringe \leq
R Cx:	1.1~3000mm Power ± 1 fringe \leq
ϕ :	1~70mm ± 0.01 mm \leq
T:	0.5~10mm ± 0.02 mm \leq
Surface Accuracy:	$\lambda/10$
Centering Error:	1 minute \leq
S/D:	10/5

※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