

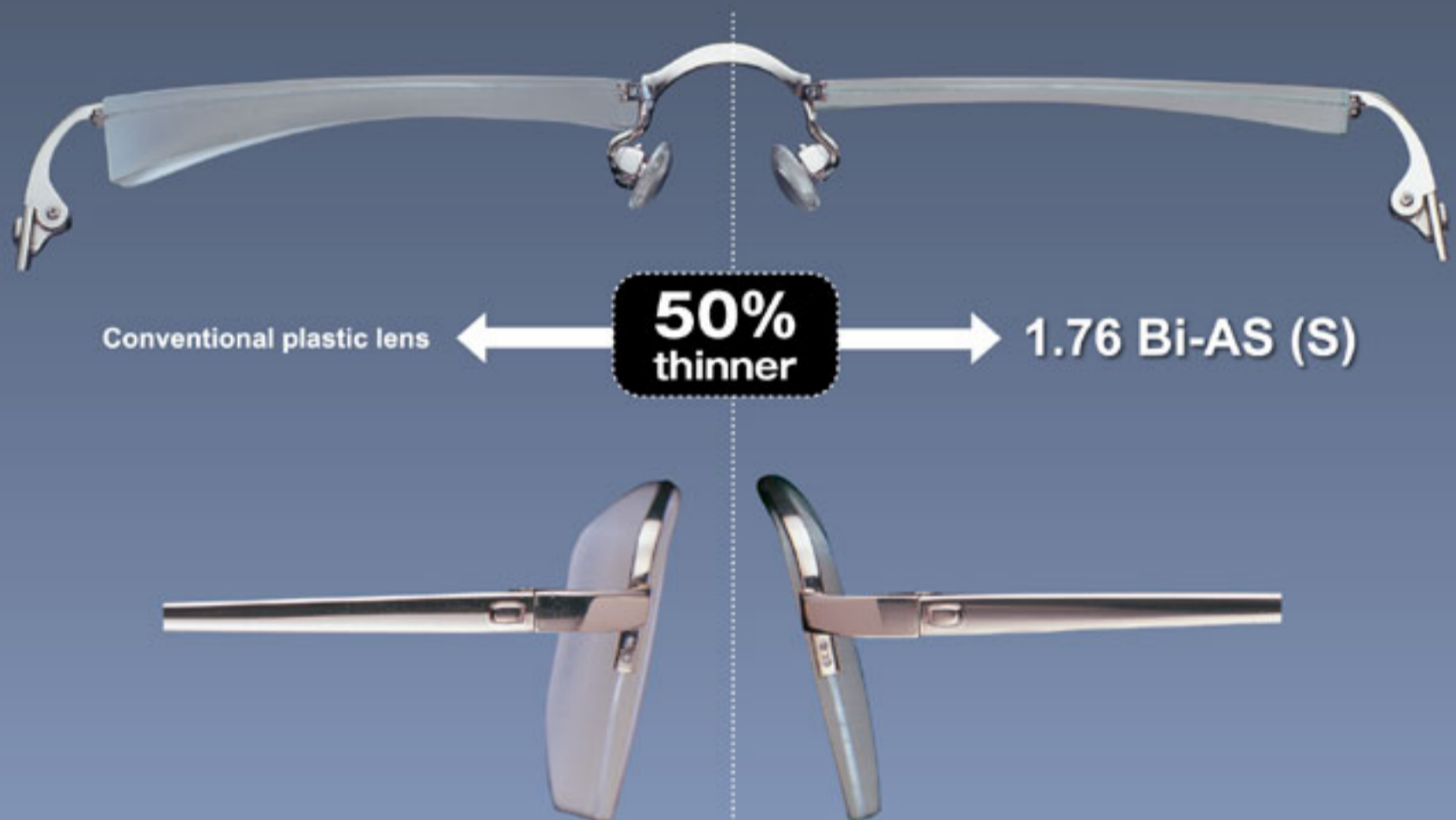
Bi-AS

Thinnest in the world

Combination of the highest index material and the latest lens design allow the thinnest lens in the world.

TOKAI provides a high-quality field of vision fit you perfectly.

How thicknesses are different?



It's not only about thinness but also
"to look" and "to see" better.



The ideal single vision lens design

Double surface aspherical design

Omni-directional aberration correction

A custom made surface an individual customer

Optimized power on each prescription

The highest spec of power is realized

Optimized aspheric amount on frame shapes

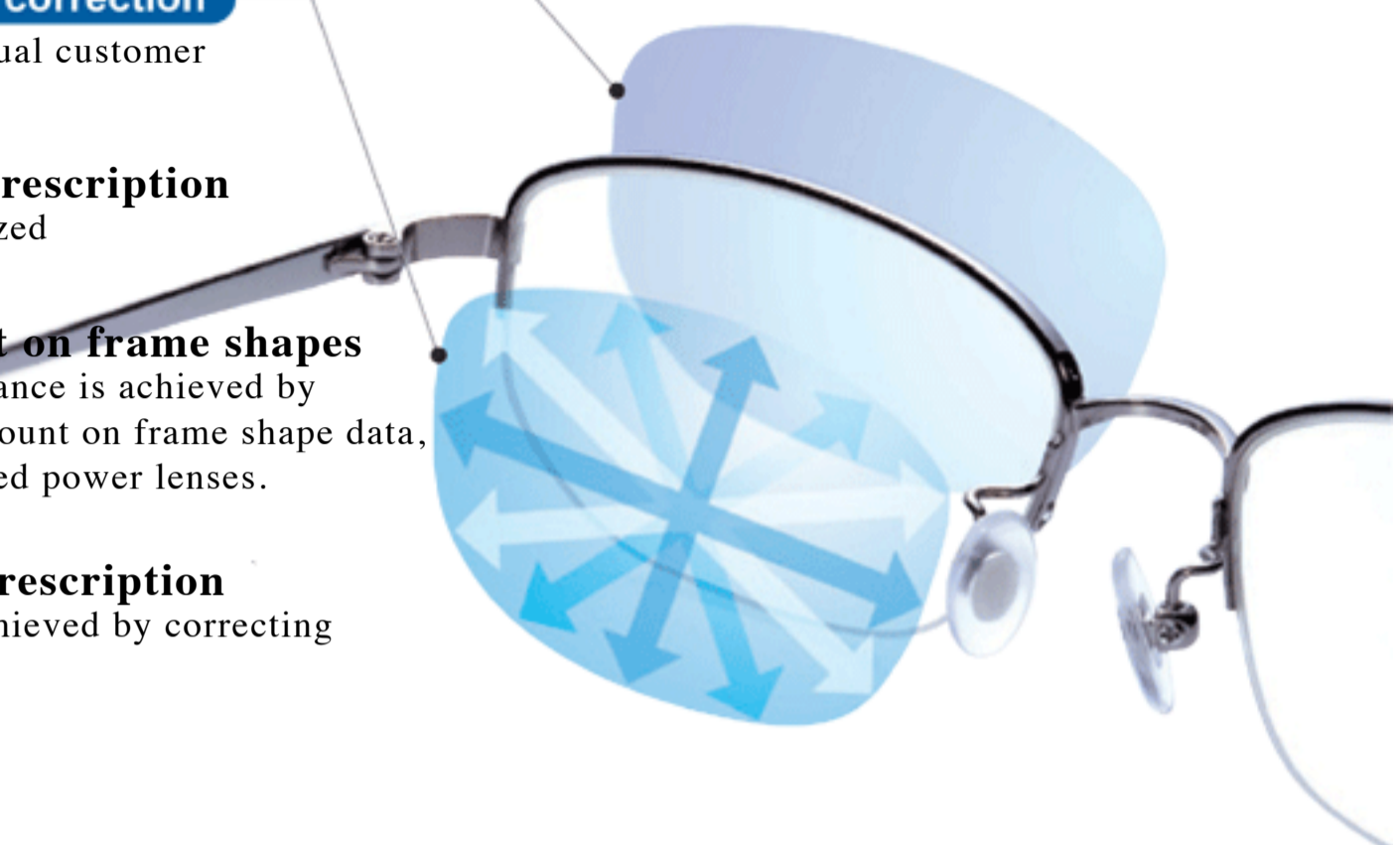
The most suitable optical performance is achieved by individually designed aspheric amount on frame shape data, especially in case of plus and mixed power lenses.

Optimized atoric on each prescription

A clear and wide vision field is achieved by correcting aberration omni-directionally.

Bi-AS front surface aspherical design

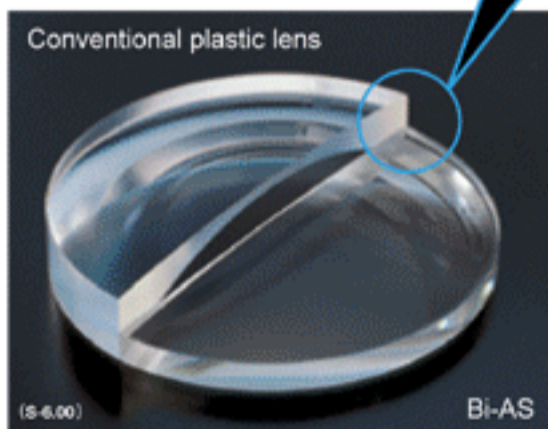
Improving optical performance and flattening lens.



2 designs

Shapely "To look" Thin and light

Clearly "To see" Fine and clear



Edge thickness comparison

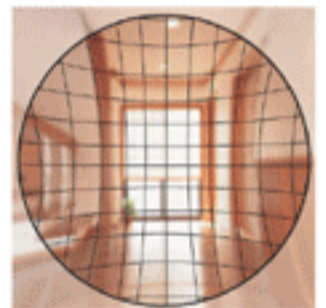
Power	Conventional plastic lens	Bi-AS
S-2.00	5.2	2.6
S-4.00	8.4	4.3
S-6.00	11.8	5.9

(size:75mm)

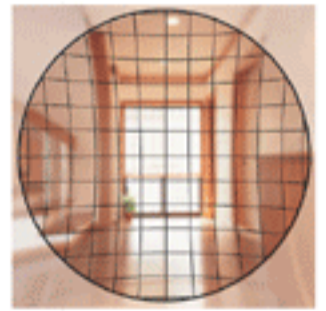
- ★★★★ Thinness
- ★★★★ Clearness
- ★★★★ Face line
- ★★★★ Comfortable

Different base curve in consideration of "to look" and "to see"

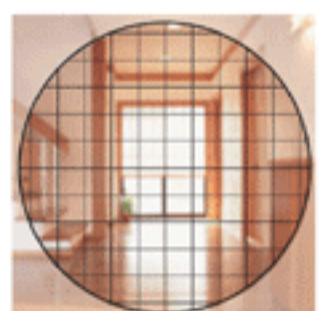
Shallow **Shapely** Steep **Clearly**



Spherical



Aspherical



Bi-AS

Aberration

Distortion