5.1. Gradal® Individual 1.6

Product Specifications

Material

- MR8, Hi-Index plastic
- n_d=1.595
- Abbe 42
- Specific Gravity 1.30 $^{g}/_{ccm}$
- 100% UV-A and UV-B Protection

Technical Notes

- Gradal® Individual 1.6 lenses will be calculated and freeform processed based on the patient's:
  - individual prescription
  - near refraction distance ("reading" distance)
  - frame tilt (pantoscopic angle)
  - corneal vertex distance
  - pupillary distance (PD) for right & left eye
  - fitting height for right & left eye
  - frame dimensions and shape
- The individual lens design will be calculated with the above parameters and then processed from a generic lens blank. This process includes the freeform production of the front surface as well as the back surface production.

Delivery Range

- Sph +10.00D to -10.00D
- Cyl up to -6.00D (total power not to exceed -10.00D)
- Adds 0.75D to 3.50D
- Prism up to 3.00D in addition to equithin
- Diameter up to 75/80

The following tints are available with Gradal® Individual 1.6:

- Zeiss Gray 75%
- Zeiss Pioneer/G15 80%
- Zeiss Skylet Road 80%

Zeiss Gradal® Individual 1.6 lenses feature equithining thickness reducing prism. To achieve the thinnest and lightest lenses possible, Zeiss processes a base down (270°) prism in the following graduation depending on the power of the addition.

Addition [D]	0.75 1.00	1.25	1.50 1.75	2.00	2.25 2.50	2.75	3.00 3.25	3.50
Prism [D]	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25

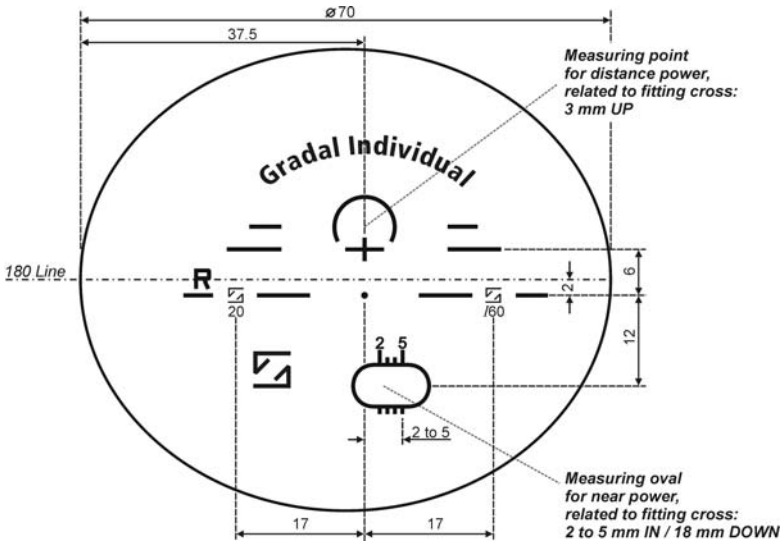
Anti-reflective & Hard Coating

All Zeiss Gradal® Individual 1.6 finished lenses are only available with Zeiss' superior Carat® Advantage coating package.

Permanent Engravings

	Nasal Engraving	**Temple Engraving**
Gradal® Individual 1.6	/60	07-35

Marking and Dimensions of the Finished Lens



5.2. Gradal® Shorti 1.6

Product Specifications

Material

- MR8, Hi-Index plastic
- n_d=1.595
- Abbe 42
- Specific Gravity 1.30 $^{g}/_{ccm}$
- 100% UV-A and UV-B Protection

Technical Notes

- Gradal® Short*i* 1.6 lenses will be calculated and freeform processed based on the patient's:
  - individual prescription
  - near refraction distance ("reading" distance)
  - frame tilt (pantoscopic angle)
  - corneal vertex distance
  - pupillary distance (PD) for right & left eye
  - fitting height for right & left eye
  - frame dimensions and shape
- The individual lens design will be calculated with the above parameters and then processed from a generic lens blank. This process includes the freeform production of the front surface as well as the back surface production.

Delivery Range

- Sph +10.00D to -10.00D
- Cyl up to -6.00D (total power not to exceed -10.00D)
- Adds 0.75D to 3.50D
- Prism up to 3.00D in addition to equithin
- Diameter up to 75/80 mm

The following tints are available with Gradal® Short *i* 1.6:

- Zeiss Gray 75%
- Zeiss Pioneer/G15 80%
- Zeiss Skylet Road 80%

Zeiss Gradal® Short*i* 1.6 lenses feature equithining thickness reducing prism. To achieve the thinnest and lightest lenses possible, Zeiss processes a base down (270°) prism in the following graduation depending on the height of addition.

Addition [D]	0.75 1.00	1.25	1.50 1.75	2.00	2.25 2.50	2.75	3.00 3.25	3.50
Prism [D]	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25

Anti-reflective & Scratch Coating

All Zeiss Gradal® Short *i* 1.6 finished lenses are only available with Zeiss' superior Carat® Advantage coating package.

Permanent Engravings

	Nasal Engraving	**Temple Engraving**
Gradal® Short*i* 1.6	S60	07-30

Markings and Dimensions of the Finished Lens