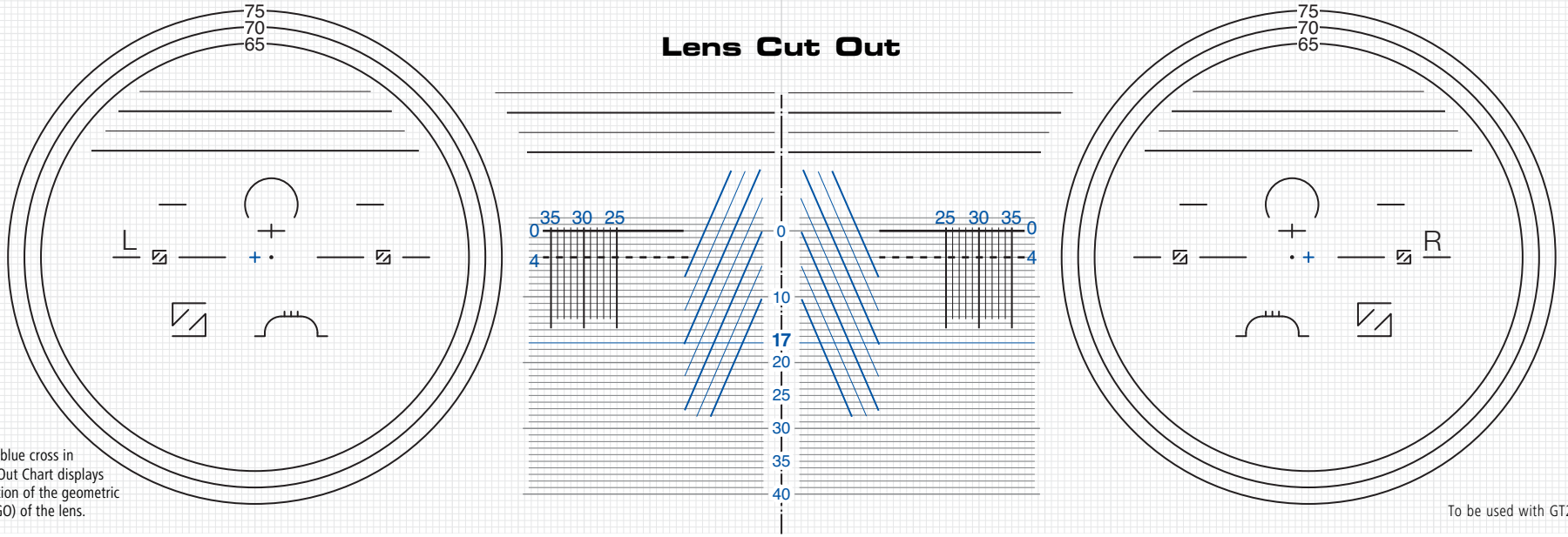
GT2™ BY ZEISS
FITTING & DISPENSING GUIDE

Lens Cut Out



The "+" blue cross in the Cut-Out Chart displays the location of the geometric center (GO) of the lens.

To be used with GT2 only.

To Locate the Lens Engravings

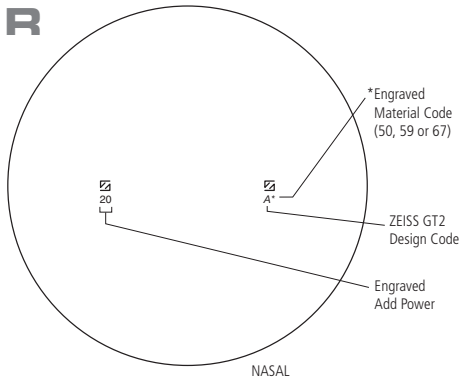
Use a good light source and dark background to locate the engravings. The engraved add power is below the temporal logo and the engraved design material code is below the nasal logo.

The engravings are located on the lens surface, 34 mm apart or 17 mm to either side of the prism reference point. Use a felt-tip pen to dot the center of the engraving.

Apply verification mask (part #008-0138-00110), available from Carl Zeiss Vision. If verification mask is not available, place the front surface of the lens over the centration chart, lining up the dots with the corresponding engravings. Draw in the remaining markings with a felt-tip pen.

Lens Engravings

(As viewed from the front)



Material Codes

50 = Hard Resin and Transitions®

59 = Polycarbonate and Transitions®

67 = 1.67 High Index and Transitions®

Helpful Hints for Fitting Progressives

1. Avoid aviator shape frames. They reduce the reading area and often will not cut out.
2. The frame should have an adequate face form wrap to follow the contour of the face and allow for maximum peripheral vision.
3. Fit the frame as close to the eyes as possible without touching the lashes.
4. Pantoscopic angle should be at least 8° to12° to give the patient a maximum reading area.
5. While fitting, the patient's back should be straight; his/her eyes should be on the same level as yours to reduce parallax errors.
6. The fitting cross should intersect the center of the pupil.

Questions? Call the Carl Zeiss Vision Technical Service Hotline at

800-358-8258 press 3

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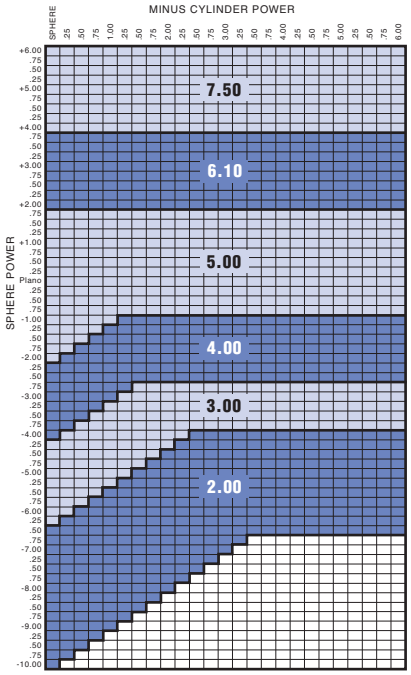
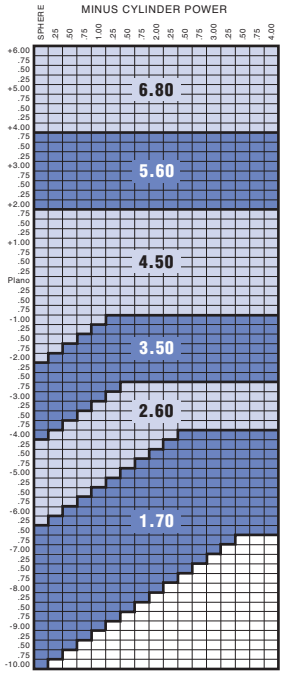
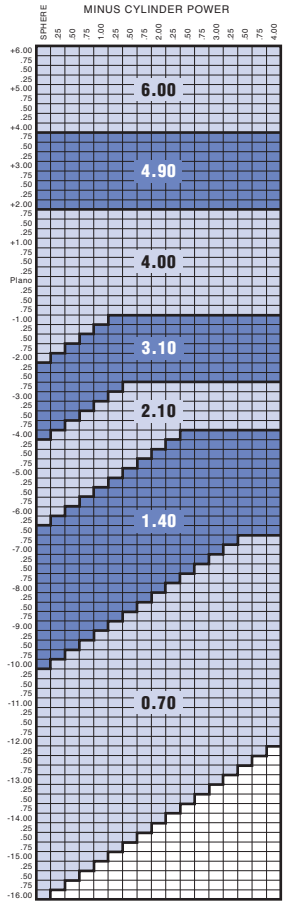
Base Curve Selection Charts



1.50 Hard Resin and
1.50 Hard Resin Transitions® Gray and Brown



1.59 Polycarbonate and
1.59 Transitions® V Gray and Brown



1.67 High Index and
1.67 High Index Transitions® V
Gray and Brown

Availability

MATERIAL	DIAMETER	INDEX	COLOR	BASE CURVES	RX RANGE	ADD POWER
ZEISS GT2 1.67 High Index	71 mm 76 mm	1.661		0.70 1.40, 2.10, 3.10, 4.00, 4.90, 6.00	-16.00 to +6.00	+1.00 to +3.00
ZEISS GT2 1.67 High Index Transitions® V	71 mm 76 mm	1.661	Gray/Brown	0.70 1.40, 2.10, 3.10, 4.00, 4.90, 6.00	-16.00 to +6.00	+1.00 to +3.00
ZEISS GT2 1.59 Polycarbonate	75 mm	1.586		1.70, 2.60, 3.50, 4.50, 5.60, 6.80	-10.00 to +6.00	+1.00 to +3.00
ZEISS GT2 1.59 Transitions® V	72 mm	1.586	Gray/Brown	1.70, 2.60, 3.50, 4.50, 5.60, 6.80	-10.00 to +6.00	+1.00 to +3.00
ZEISS GT2 1.50	72 mm	1.499		2.00, 3.00, 4.00, 5.00, 6.10, 7.50	-10.00 to +6.00	+0.75 to +3.50
ZEISS GT2 1.50 Transitions®	72mm	1.497	Gray/Brown	2.00, 3.00, 4.00, 5.00, 6.10, 7.50	-10.00 to +6.00	+1.00 to +3.00

Fitting GT2™

1 FRAME SELECTION

For best vision and appearance, encourage the patient to choose a frame in which the eyes are well centered and with a "B" dimension of 25 mm or larger. Nose pads are preferred to allow fine-tuning. Frames should be lightweight to reduce slipping.

2 FRAME ADJUSTMENT

The frame must be adjusted correctly prior to taking any measurements. Ensure the following:

- 8° to 12° pantoscopic angle.
- Proper face form wrap.
- Close frame fit (i.e., short vertex distance), without touching skin or eyelashes.

3 FITTING HEIGHT

With the patient looking straight ahead into the distance, dot each lens at the center of the pupil. Measure fitting heights with a PD ruler. **Recommended minimum fitting height is 17 mm.**

4 PUPILLARY DISTANCE

Use a pupillometer to measure monocular distance PDs.

5 VERIFY CUT OUT

Place the right lens over the **Lens Cut Out** circle, aligning the pupil center dot over the fitting cross; repeat with left lens. If frame falls outside of the lens diameter available (see **Availability** to left), lenses may not cut out.

Dispensing GT2™

1 VERIFY LENSES

- Completed lenses should have verification markings.
- If there are no markings, see how to locate the lens engravings (other side).
- The fitting cross should be at pupil center when eyeglasses are on wearer.
- If necessary, use alcohol or other residue-free solvent to remove factory markings.

2 RE-CHECK THE FRAME ADJUSTMENTS

- Pantoscopic angle
- Face form wrap
- Minimum vertex distance

3 SHOW PATIENTS HOW TO USE LENSES:

- The extent of the visual fields.
- The transition between distance, intermediate and near zones.
- Proper side-to-side head movement for peripheral viewing.

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