

Fourth edition
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Ophthalmic optics — Spectacle frames — Measuring system and vocabulary

*Optique ophtalmique — Montures de lunettes — Système de mesure
et terminologie*



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Foreword

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This document was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 7, *Ophthalmic optics and instruments*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 170, *Ophthalmic optics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 8624:2011), which has been technically revised. It also incorporates the Amendment ISO 8624:2011/Amd.1.

The main changes compared to the previous edition are as follows:

- the informative annex with its complementary definitions has been transferred to [3.2](#);
- minor asymmetry of only the nasal bearing surfaces has been included in this edition. Since such asymmetry does not affect the lens shapes, only the definition of bridge height is affected. See the explanation in [3.2.6](#), Note 2 to entry.
- the plane of the lens shape has been redefined and now relates to the orientation and position of the vertical centre line, in turn based on the apex of the groove in the frame and not a dummy lens;
- the definition of overall length of side for those without joints has been amended slightly, while the Figures now take account of the 3-dimensional nature of spectacle fronts where there is a significant face form angle;
- an informative annex ([Annex A](#)) has been added to discuss measurement of 3-dimensional spectacle frames.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.