
Ophthalmic optics — Spectacle frames — Measuring system and terminology

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



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Foreword

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ISO 8624 was prepared by Technical Committee ISO/TC 172, *Optics and photonics*, Subcommittee SC 7, *Ophthalmic optics and instruments*.

This third edition cancels and replaces the second edition (ISO 8624:2002), which has been technically revised.

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Ophthalmic optics — Spectacle frames — Measuring system and terminology

1 Scope

This International Standard specifies a measuring system for spectacle frames and related terminology. It is applicable to fronts which are intended to be symmetrical.

2 Terms, definitions and symbols

For the purposes of this document, the following terms, definitions and symbols apply. For complementary terms and definitions, see Annex A.

2.1

boxed centre

C

intersection of the **horizontal centreline** (A.1) and **vertical centreline** (A.2) of the rectangular box which circumscribes the **lens shape** (A.10)

See Figure 1.

2.2

horizontal boxed lens size

horizontal lens size

a

distance between the vertical sides of the rectangular box which circumscribes the **lens shape** (A.10)

See Figure 1.

NOTE For spectacle frames having a significant **face form angle** (A.13), the horizontal boxed lens size shall be measured in the “plane” of the individual lens shape.

2.3

vertical boxed lens size

vertical lens size

b

distance between the horizontal sides of the rectangular box which circumscribes the **lens shape** (A.10)

See Figure 1.

2.4

boxed centre distance

distance between centres

c

distance between the **boxed centres** (2.1)

See Figure 1.