INTERNATIONAL STANDARD

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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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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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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.

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.