Ophthalmic optics - Spectacle frames - Measuring system and terminology (ISO 8624:2011)

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NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 8624:2011 sisaldab Euroopa standardi EN ISO 8624:2011 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 8624:2011 consists of the English text of the European standard EN ISO 8624:2011.
Standard on kinnitatud Eesti Standardikeskuse 28.02.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 28.02.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 15.02.2011.	Date of Availability of the European standard text 15.02.2011.
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dimensions, instruments, marking, measurement, measuring systems, measuring techniques, medicine, ophtalmic optics, ophthalmic equipment, ophthalmology, optical equipment, optical instruments, optics, spectacle frames, spectacles (eyeglasses), system of measurement

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Ophthalmic optics - Spectacle frames - Measuring system and terminology (ISO 8624:2011)

Optique ophtalmique - Montures de lunettes - Système de mesure et terminologie (ISO 8624:2011)

Augenoptik - Brillenfassungen - Maßsystem und Begriffe (ISO 8624:2011)

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 8624:2011) has been prepared by Technical Committee ISO/TC 172 "Optics and photonics" in collaboration with Technical Committee CEN/TC 170 “Ophthalmic optics” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2011, and conflicting national standards shall be withdrawn at the latest by August 2011.

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The text of ISO 8624:2011 has been approved by CEN as a EN ISO 8624:2011 without any modification.

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.