



**NSAI**  
Standards

Irish Standard  
I.S. EN ISO 8624:2011&A1:2015

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

**I.S. EN ISO 8624:2011&A1:2015**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN ISO 8624:2011/A1:2015

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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## National Foreword

I.S. EN ISO 8624:2011&A1:2015 is the adopted Irish version of the European Document EN ISO 8624:2011, Ophthalmic optics - Spectacle frames - Measuring system and terminology (ISO 8624:2011)

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 8624:2011/A1**

August 2015

ICS 11.040.70

English Version

**Ophthalmic optics - Spectacle frames - Measuring system and terminology (ISO 8624:2011/Amd 1:2015)**

Optique ophtalmique - Montures de lunettes - Système de mesure et terminologie (ISO 8624:2011/Amd 1:2015)

Augenoptik - Brillenfassungen - Maßsystem und Begriffe (ISO 8624:2011/Amd 1:2015)

This amendment A1 modifies the European Standard EN ISO 8624:2011; it was approved by CEN on 20 June 2015.

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN ISO 8624:2011/A1:2015 (E)**

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## **European foreword**

This document (EN ISO 8624:2011/A1:2015) 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 Amendment to the European Standard EN ISO 8624:2011 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2016, and conflicting national standards shall be withdrawn at the latest by February 2016.

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### **Endorsement notice**

The text of ISO 8624:2011/Amd 1:2015 has been approved by CEN as EN ISO 8624:2011/A1:2015 without any modification.

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 8624**

February 2011

ICS 11.040.70

Supersedes EN ISO 8624:2002

English Version

**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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EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN ISO 8624:2011 (E)**

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## **Foreword**

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

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# INTERNATIONAL STANDARD

**ISO  
8624**

Third edition  
2011-02-15

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## **Ophthalmic optics — Spectacle frames — Measuring system and terminology**

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



Reference number  
ISO 8624:2011(E)

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**ISO 8624:2011(E)**

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## **Foreword**

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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.

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