

**SLOVENSKI STANDARD
SIST EN ISO 8321-1:2002****01-november-2002****BUXca Yý U****SIST EN ISO 8321-1:2000**

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Ophthalmic optics - Specifications for material, optical and dimensional properties of contact lenses - Part 1: Rigid corneal and scleral contact lenses (ISO 8321-1:2002)

iTeh STANDARD PREVIEW

Augenoptik - Anforderungen an die Materialeigenschaften, optischen Eigenschaften und Maße von Kontaktlinsen - Teil 1: Formstabile Korneal- und Skleralkontaktlinsen (ISO 8321-1:2002)

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Optique ophtalmique - Spécifications relatives aux propriétés des matériaux et aux propriétés optiques et dimensionnelles des lentilles de contact - Partie 1: Lentilles cornéennes et verres scléaux rigides (ISO 8321-1:2002)

Ta slovenski standard je istoveten z: EN ISO 8321-1:2002

ICS:

11.040.70 Oftalmološka oprema Ophthalmic equipment

SIST EN ISO 8321-1:2002 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 8321-1

September 2002

ICS 11.040.70

Supersedes EN ISO 8321-1:1996

English version

Ophthalmic optics - Specifications for material, optical and dimensional properties of contact lenses - Part 1: Rigid corneal and scleral contact lenses (ISO 8321-1:2002)

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This European Standard was approved by CEN on 28 July 2002.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 8321-1:2002 (E)

CORRECTED 2002-10-09

Foreword

This document (EN ISO 8321-1:2002) has been prepared by Technical Committee ISO/TC 172 "Optics and optical instruments" 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 February 2003, and conflicting national standards shall be withdrawn at the latest by February 2003.

This document supersedes EN ISO 8321-1:1996.

For relationship with EU Directive(s), see informative Annex ZB, which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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Endorsement notice

The text of ISO 8321-1:2002 has been approved by CEN as EN ISO 8321-1:2002 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

Annex ZA (normative)

Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 8320-1	2001	Contact lenses and contact lens care products - Vocabulary - Part 2: Contact lens care products	EN ISO 8320-1	2001
ISO 8599	1994	Optics and optical instruments - Contact lenses - Determination of the spectral and luminous transmittance	EN ISO 8599	1996
ISO 9337-1	1999	Contact lenses - Determination of back vertex power - Part 1: Method using focimeter with manual focusing	EN ISO 9337-1	2000
ISO 9338	1996	Optics and optical instruments - Contact lenses - Determination of the diameters	EN ISO 9338	1998
ISO 9339-1	1996	Optics and optical instruments - Contact lenses - Determination of the thickness - Part 1: Rigid contact lenses	EN ISO 9339-1	1998
ISO 9340	1996	Optics and optical instruments - Contact lenses - Determination of strains for rigid contact lenses	EN ISO 9340	1998
ISO 9341	1996	Optics and optical instruments - Contact lenses - Determination of inclusions and surface imperfections for rigid contact lenses	EN ISO 9341	1998

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ISO 9913-1	1996	Ophthalmic optics - Contact lenses - Determination of oxygen permeability and transmissibility with the FATT method	EN ISO 9913-1	1998
ISO 9913-2	2000	Ophthalmic optics - Contact lenses - Determination of oxygen permeability and transmissibility by the coulometric method	EN ISO 9913-2	2000
ISO 9914	1995	Optics and optical instruments - Contact lenses - Determination of refractive index of contact lens materials	EN ISO 9914	1996
ISO 10338	1996	Optics and optical instruments - Contact lenses - Determination of curvature	EN ISO 10338	1997

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ANNEX ZB (informative)

A-deviations

A-deviation: National deviation due to regulations, the alteration of which is for the time being outside the competence of the CEN/CENELEC member.

This European Standard does not fall under any Directive of the EC. In the relevant CEN/CENELEC countries these A-deviations are valid instead of the provisions of the European Standard until they have been removed.

The legislative situation in Germany requires the unit "dioptré" be designated by the symbol "dpt" instead of "D".

This is to avoid conflict with the rules of ISO 1000 being the basic International Standard on symbols and units and with the respective basic resolution of the CGPM (International Conference on Weights and Measures).

Identification of the regulation:

Gesetz über die Einheiten im Messwesen vom 02.07.1969 in der Fassung der Bekanntmachung vom 22.04.1985; and

Ausführungsverordnung zum Gesetz über Einheiten im Messwesen (Einheitenverordnung - EinhV) vom 13.12.1985, § 1 und Anlage 1, Nr. 9.

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INTERNATIONAL STANDARD

ISO
8321-1

Second edition
2002-09-15

Ophthalmic optics — Specifications for material, optical and dimensional properties of contact lenses —

Part 1:

Rigid corneal and scleral contact lenses

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*Optique ophtalmique — Spécifications relatives aux propriétés des
matériaux et aux propriétés optiques et dimensionnelles des lentilles de
contact —*

Partie 1: Lentilles cornéennes et verres scléreaux rigides

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Reference number
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