

SLOVENSKI STANDARD
SIST EN ISO 13230:2000
01-januar-2000

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Ophthalmic optics - Bar code specifications (ISO 13230:1999)

Augenoptik - Strichcode-Spezifikation (ISO 13230:1999)

Optique ophtalmique - Spécification des codes a barres (ISO 13230:1999)

Ta slovenski standard je istoveten z: EN ISO 13230:1999

[SIST EN ISO 13230:2000](#)

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ICS:

11.040.70	Oftalmološka oprema	Ophthalmic equipment
35.040	Nabori znakov in kodiranje informacij	Character sets and information coding

SIST EN ISO 13230:2000

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 13230

March 1999

ICS 11.040.70

English version

Ophthalmic optics - Bar code specifications (ISO 13230:1999)

Optique ophtalmique - Spécification des codes à barres
(ISO 13230:1999)

Augenoptik - Strichcode-Spezifikation (ISO 13230:1999)

This European Standard was approved by CEN on 1 March 1999.

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 Central Secretariat 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 Central Secretariat 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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Page 2
EN ISO 13230:1999

Foreword

The text of the International Standard ISO 13230:1999 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 September 1999, and conflicting national standards shall be withdrawn at the latest by September 1999.

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, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 13230:1999 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

ISO
13230

First edition
1999-03-01

Ophthalmic optics — Bar code specifications

Optique ophtalmique — Spécification des codes à barres

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Reference number
ISO 13230:1999(E)

ISO 13230:1999(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

International Standard ISO 13230 was prepared by Technical Committee ISO/TC 172, *Optics and optical instruments*, Subcommittee SC 7, *Ophthalmic optics and instruments*.

Annex A of this International Standard is for information only.

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Introduction

This International Standard was developed to encourage the use of bar code symbology throughout the various levels of production and distribution in the ophthalmic industry.

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Ophthalmic optics — Bar code specifications

1 Scope

This International Standard provides unified specifications for bar code symbology, for use in the communication of orders between manufacturers for stock and semi-finished spectacle lenses, spectacle frames, contact lenses and contact lens care products.

2 Abbreviations of bar code systems

EAN-13: International Article Number

JAN-13: Japanese Article Number

OPC: Optical Product Code

UPC: Universal Product Code
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NOTE The UPC code is compatible with the EAN-13 code.

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3 Specifications of bar code systems

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3.1 Layout of bar code systems

The requirements for layout of bar code systems are given in Table 1.

3.2 Printing

Colour, location, design and the use of readable digital code equivalents are at the manufacturer's discretion (see annex A).