



SLOVENSKI STANDARD SIST EN ISO 6414:2020

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Nadomešča:
SIST EN ISO 6414:1998

Tehnična dokumentacija izdelkov - Tehnične risbe za steklenino (ISO 6414:2020)

Technical product documentation (TPD) - Technical drawings for glassware (ISO 6414:2020)

Technische Produktdokumentation (TPD) - Technische Zeichnungen für Glasgeräte (ISO 6414:2020)

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Documentation technique de produits (DTP) - Dessins techniques de verrerie (ISO 6414:2020)

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Ta slovenski standard je istoveten z: EN ISO 6414:2020

ICS:

01.110	Tehnična dokumentacija za izdelke	Technical product documentation
81.040.30	Izdelki iz stekla	Glass products

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en,fr,de

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EUROPEAN STANDARD

EN ISO 6414

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Supersedes EN ISO 6414:1994

English Version

Technical product documentation (TPD) - Technical drawings for glassware (ISO 6414:2020)

Documentation technique de produits (DTP) - Dessins techniques de verrerie (ISO 6414:2020)

Technische Produktdokumentation (TPD) - Technische Zeichnungen für Glasgeräte (ISO 6414:2020)

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COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 6414:2020) has been prepared by Technical Committee ISO/TC 10 "Technical product documentation" in collaboration with Technical Committee CEN/SS F01 "Technical drawings" the secretariat of which is held by CCMC.

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of an identical text or by endorsement, at the latest by July 2020, and conflicting national standards shall be withdrawn at the latest by July 2020.

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INTERNATIONAL
STANDARD

ISO
6414

Second edition
2020-01

**Technical product documentation
(TPD) — Technical drawings for
glassware**

*Documentation technique de produits (DTP) — Dessins techniques de
verrerie*

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ISO 6414:2020(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 10, *Technical product documentation*, Subcommittee SC 6, *Mechanical engineering documentation*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS F01, *Technical drawings*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 6414:1982), which has been technically revised.

The main changes to the previous edition are as follows:

- structure updated according to the ISO/IEC Directives, Part 2;
- referenced documents and Bibliography updated;
- addition of transparency in terms of observation and jacketed vessel (see 4.2 and Figure 1);
- surface treatment indication that is not unique to glassware deleted;
- indication of interchangeable conical ground joints updated (see Figure 3);
- indication of interchangeable spherical ground joints and figure added (see 6.2 and Figure 4);
- indication of external and internal diameters for thin walls added;
- diameter indications for thin-walled glassware updated (see Figures 7 to 9);
- Figure 18 b), necessary transition line, added for comparison with Figure 18 a), simplified drawing;
- Figure 17 from the previous edition updated to amend the font size of proportions (see Figure 19).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

In this document the figures merely illustrate the text and should not be considered as design examples. For this reason the figures are simplified and are not to scale.

For uniformity, all figures in this document are in first angle projection. It should be understood that alternative projection methods could have been used without prejudice to the principles established.

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