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

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

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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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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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.