

BRITISH STANDARD

**BS EN ISO
6414 : 1995**



Technical drawings for glassware



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2774 : 1983

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National foreword

This revision of this British Standard, which has been prepared under the direction of the Laboratory Apparatus Standards Committee, is identical with ISO 6414-1982 'Technical drawings for glassware' published by the International Organization for Standardization (ISO). ISO 6414 was prepared as a result of discussion in ISO Technical Committee 10, Technical drawings, in which the UK participated.

In 1994 the European Committee for Standardization (CEN) accepted ISO 6414 : 1982 as European Standard EN ISO 6414 : 1994. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 6414 : 1995 and any reference to BS 2774 should be read as a reference to BS EN ISO 6414 : 1995.

BS 2774 was first published in 1956. Investigations had shown that the established conventions of engineering drawing were not necessarily applicable to glass apparatus and that alternative conventions had not been codified or generally adopted, even though some were well established. BS 2774 : 1956 was issued to standardize drawing conventions for glassware and was intended to supplement the established points of drawing conventions given in BS 308 'Engineering drawing practice'.

In the period from 1956 to 1982, a number of international standards covering various aspects of technical drawing were published and others were in the course of preparation*. Also, BS 308 was revised in 1964 and again in 1972 to bring the standard into line with ISO recommendations and to minimize divergences between the national standards of the USA, Canada and the UK. In this revision of BS 2774 the text has been simplified and no longer includes information which is not specific to drawings of glassware and/or which may be found in other British and international standards. This revision supersedes the previous edition of BS 2774, which is now withdrawn.

Terminology and conventions. The text of the international standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is especially drawn to the following. The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker. Wherever the words 'International Standard' appear, referring to this standard, they should be read as 'British Standard'.

Cross-references

International standard	Corresponding British Standard
ISO/R 128-1959	BS 308 Engineering drawing practice Part 1 : 1972 General principles (Technically equivalent)
ISO/R 129-1959	Part 2 : 1972 Dimensioning and tolerancing of size (Technically equivalent)
ISO/R 406-1964	
ISO 1302-1978	Part 3 : 1972 Geometrical tolerancing (Technically equivalent)
ISO/R 1101/1-1969	
ISO/R 1661-1971	

The Technical Committee has reviewed the provisions of ISO 383, ISO 641, ISO 3098/1, ISO 3898, ISO 4793, ISO 5455, ISO 5456† and ISO 5457, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. British Standards which are related to ISO 383, ISO 641, ISO 3898 and ISO 4793 are respectively BS 572 'Interchangeable conical ground glass joints', BS 2761‡ 'Spherical ground glass joints', BS 1991 'Letter symbols, signs and abbreviations' Part 4 'Structures, materials and soil mechanics' and BS 1752‡ 'Laboratory sintered or fritted filters'.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

*See clause 2 and annex.

†In course of preparation.

‡In course of revision. It is intended that this British Standard will be identical with the corresponding international standard.



EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6414



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Descriptors: technical drawings, glassware, laboratory glassware, generalities, graphic methods

English version

Technical drawings for glassware

(ISO 6414 : 1982)

Dessins techniques de verrerie
(ISO 6414 : 1982)

Technische Zeichnungen für Glasgeräte
(ISO 6414 : 1982)

This European Standard was approved by CEN on 1994-10-14. 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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

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