
**Materials and articles in contact with
foodstuffs — Cutlery and table holloware —**

Part 8:
**Requirements for silver table and
decorative holloware**

*Matériaux et objets en contact avec les denrées alimentaires — Coutellerie
et orfèvrerie de table —*

Partie 8: Exigences relatives à l'orfèvrerie de table ou décorative en argent

ISO 8442-8:2000

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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.

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 member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 8442 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 8442-8 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee TC 186, *Cutlery and table and decorative metal hollow-ware*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Throughout the text of this standard, read "...this European Standard..." to mean "...this International Standard...".

ISO 8442 consists of the following parts, under the general title *Materials and articles in contact with foodstuffs — Cutlery and table holloware*:

- *Part 1: Requirements for cutlery for the preparation of food*
- *Part 2: Requirements for stainless steel and silver-plated cutlery*
- *Part 3: Requirements for silver-plated table and decorative holloware*
- *Part 4: Requirements for gold plated cutlery*
- *Part 5: Specification for sharpness and edge retention test of cutlery*
- *Part 6: Lightly silver-plated table holloware protected by lacquer*
- *Part 7: Requirements for table cutlery made of silver, other precious metals and their alloys*
- *Part 8: Requirements for silver table and decorative holloware*

Annexes B to F form a normative part of this part of ISO 8442. Annexes A and G are for information only.

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Foreword

The text of prEN ISO 8442-8:2000 has been prepared by Technical Committee CEN/TC 194 "Utensils in contact with food", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 186 "Cutlery and table and decorative metal hollow-ware".

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 March 2001, and conflicting national standards shall be withdrawn at the latest by March 2001.

Attention is drawn to the European Community Directives relative to materials in contact with foodstuffs, in particular Directive 89/109/EEC

EN ISO 8442 consists of the following parts:

- Part 1 : Requirements for cutlery for the preparation of food
- Part 2: Requirements for stainless steel and silver plated cutlery
- Part 3: Requirements for silver-plated table and decorative holloware
- Part 4: Requirements for gold-plated cutlery
- Part 5: Specification for sharpness and edge retention test of cutlery
- Part 6: Lightly silver plated table holloware protected by lacquer
- Part 7: Requirements for table cutlery made of silver, other precious metals and their alloys

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.

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1 Scope

This Standard specifies material, performance and marking requirements for silver table and decorative holloware, intended for use at or upon the dining table. This standard extends to decorative items such as vases and candlesticks and includes such items as jugs, dishes, tea- and coffee-pots, trays and tureens and wine-coolers.

2 Normative references

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).

prEN ISO 1904 : 1995 Precious metals - Solders used with precious metal jewellery alloys
ISO 4481: 1977 Cutlery and flatware — Nomenclature

3 Terms and definitions

For the purposes of this European Standard the terms and definitions given in ISO 4481: 1977 apply together with the following.

3.1 table holloware

items generally formed into a hollow shape for the containment of food or drink

NOTE Annex A gives examples for different types of table holloware.

3.2 decorative holloware

items generally formed into a hollow shape but not performing a purpose with respect to food or drink and including items which may not have a discernible interior surface

NOTE Annex A gives examples for different types of decorative table holloware.

3.3 attachment

component of an item of holloware joined to it by a process such as welding or soldering

NOTE Examples of attachment are handles, knobs, feet, spouts, stems and hinges

3.4

load-bearing attachment

attachment upon which a force resulting from the support of the mass of the holloware and/or its contents will be applied in normal use.

NOTE Examples are handles, taps, feet, bases, spouts and goblet stems.

3.5

burrs

metal in excess of that required to shape an article and which forms a thin plate at its edges.

3.6

usable capacity

volume of liquid required to fill a tank (e.g. tea-pot) to 15 mm \pm 1 mm of its rim.

3.7

popping

sudden transformation of an apparently flat surface of an item of holloware from convex to concave when a load is applied to the convex side, usually accompanied by a distinctive sound.

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4 Material

4.1 General

[ISO 8442-8:2000](https://standards.iteh.ai/catalog/standards/iso/2071c93c-93e6-45ef-b19d-e83f4f06ac6c/iso-8442-8-2000)

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Table and decorative holloware shall be made of silver or its alloys with a minimum fineness of 800 (expressed in parts per thousand) that enable the finished product to meet all of the performance requirements of this standard and which shall be neither detrimental to health nor have any detrimental organoleptic effects.

4.2 Soldering

Precious metals in an article shall be soldered according to prEN 1904 : 1995.

4.3 Non-metals

Non-metal parts of silver table and decorative holloware may be made of such materials as glass, ceramics, wood, wood-plastics laminates, impregnated wood or similar materials provided that the finished holloware complies with the relevant performance requirements of clause 6. Non-metal parts of table holloware shall be capable of withstanding washing processes in aqueous solutions at 60 ° C.

5 Uniformity and absence of defects

5.1 All surfaces shall be free from cracks and other defects.

5.2 All accessible edges shall be free from burrs and the roughness of blanked edges shall have been removed by a suitable operation.

5.3 There shall be no gaps in excess of 0,4 mm between components. Seams joining hollow sections together shall be watertight unless required by the design.

5.4 Compliance with the requirements of 5.1 to 5.3 shall be checked by touch or by visual inspection with the unaided eye and 5.3 with a feeler gauge of appropriate thickness.

6 Performance

6.1 Strength under load

6.1.1 Resistance of rectangular and square trays and dishes to twisting

The temporary deflection of a rectangular or square tray or flat dish exceeding 300 mm at its maximum axis shall not exceed 3,5 mm in 100 mm deviation from flat in any diagonal across the surface of the base when tested in accordance with the method described in Annex B.

6.1.2 Resistance of trays and dishes to popping

A tray or dish shall not exhibit popping when tested in accordance with the method described in Annex C.

6.2 Attachment strength

There shall be no breakage, visible deformation or disengagement of any load bearing attachment when it is tested in accordance with the method described in Annex D.

6.3 Stability

When placed on a hard plane surface an item with feet shall be stable within the clearance limit given in table 1 and no flat item shall be capable of being freely spun around by the application of a tangential force.

Table 1 — Stability criteria

Overall width of item at its widest axis mm	Maximum permitted clearance between any foot and a plane surface mm
< 100	0,25
100 to 150	0,40
> 150	1,0

6.4 Pouring

Spout openings shall pour cleanly without dribbling when tested in accordance with the method described in Annex E.

6.5 Handle temperatures

The maximum temperature of any point which is contacted by the hand in normal use on a handle of a vessel intended to contain hot liquid shall not exceed the following when tested in accordance with the method described in Annex F:

- for handles of plastics, wood or similar material: 70° C;
- for glass, porcelain or similar: 60° C;
- for insulated metal handles: 50° C.

7 Marking and labelling

Each item of silver table and decorative holloware shall be legibly and indelibly marked with the name and/or trade mark or other means of identifying the manufacturer or responsible supplier.

The following information should be made available at the point of sale:

- the number of this European Standard and
- a statement that the item meets the requirements of the standard.

This information may be provided as leaflets on the packaging or by means of labelling or on a display card or in any other suitable form.