

# SLOVENSKI STANDARD

## SIST EN ISO 8442-8:2002

01-januar-2002

---

### Materiali in izdelki v stiku z živili - Pribor in namizna posoda - 8. del: Podrobni opis srebrne namizne in dekorativne posode (ISO 8442-8:2000)

Materials and articles in contact with foodstuffs - Cutlery and table holloware - Part 8: Specification for silver table and decorative holloware (ISO 8442-8:2000)

Werkstoffe und Gegenstände in Kontakt mit Lebensmitteln -Schneidwaren und Tafelgeräte - Teil 8: Anforderungen für echtsilberne Tafelgeräte und dekorative Hohlwaren (ISO 8442-8:2000)

Matériaux et objets en contact avec les denrées alimentaires -Coutellerie et orfèvrerie de table - Partie 8: Spécifications relatives à l'orfèvrerie de table ou décorative en argent massif (ISO 8442-8:2000)

**Ta slovenski standard je istoveten z: EN ISO 8442-8:2000**

#### **ICS:**

67.250	Materiali in predmeti v stiku z živili	Materials and articles in contact with foodstuffs
97.040.60	Kuhinjska posoda, jedilni servisi in jedilni pribor	Cookware, cutlery and flatware

**SIST EN ISO 8442-8:2002** en

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 8442-8:2002](#)

<https://standards.iteh.ai/catalog/standards/sist/9f9b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 8442-8

December 2000

ICS 67.250; 97.040.60

English version

Materials and articles in contact with foodstuffs - Cutlery and  
table holloware - Part 8: Specification for silver table and  
decorative holloware (ISO 8442-8:2000)

Matériaux et objets en contact avec les denrées  
alimentaires - Coutellerie et orfèvrerie de table - Partie 8:  
Spécifications relatives à l'orfèvrerie de table ou décorative  
en argent massif (ISO 8442-8:2000)

Werkstoffe und Gegenstände in Kontakt mit Lebensmitteln  
- Schneidwaren und Tafelgeräte - Teil 8: Anforderungen für  
echtsilberne Tafelgeräte und dekorative Hohlwaren (ISO  
8442-8:2000)

This European Standard was approved by CEN on 9 April 2000.

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 Management Centre 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 Management Centre 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.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## Contents

	Page
Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Material	5
5 Uniformity and absence of defects	6
6 Performance	6
Table 1 — Stability criteria	7
7 Marking and labelling	7
Annex A (informative) Classification by product type	8
Annex B (normative)	9
Figure B.1 — Twist test for trays and dishes	10
Annex C (normative)	11
Annex D (normative)	12
Annex E (normative)	13
Annex F (normative)	14
Annex G (informative)	15

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 8442-8:2002](https://standards.iteh.ai/catalog/standards/sist/9f9b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002)

<https://standards.iteh.ai/catalog/standards/sist/9f9b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002>

## 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

Further parts are proposed with the following titles

- 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.

## 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.

iTeh STANDARD PREVIEW  
standards.iteh.ai

[SIST EN ISO 8442-8:2002](https://standards.iteh.ai/catalog/standards/sist/9f9b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002)

<https://standards.iteh.ai/catalog/standards/sist/9f9b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002>

### 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.

ITEH STANDARD PREVIEW  
(standards.iteh.ai)

## 4 Material

[SIST EN ISO 8442-8:2002](https://standards.iteh.ai/catalog/standards/sist/9f9b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002)

<https://standards.iteh.ai/catalog/standards/sist/9f9b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002>

### 4.1 General

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 (standards.iteh.ai)

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:

- SIST EN ISO 8442-8:2002  
<https://standards.iteh.ai/catalog/standards/sist/574807b75e0-ec2c-4b81-9e69-ab827e7831e2/sist-en-iso-8442-8-2002>
- 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.