



**NSAI**  
Standards

Irish Standard  
I.S. EN ISO 8442-1:1998

Materials and articles in contact with  
foodstuffs - Cutlery and table holloware -  
Part 1 : Requirements for cutlery for the  
preparation of food (ISO 8442-1 : 1997)

## I.S. EN ISO 8442-1:1998

*Incorporating amendments/corrigenda issued since publication:*

EN ISO 8442-1:1997/AC:1999

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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**English version**

**Contents**

Delete “Annex B (informative) Bibliography” and replace with “Annex B (informative) A-Deviations”

Add “Annex C (informative) Bibliography”

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Add the following annex

**Annex B (Informative)**

**A-deviations**

A-deviation: National deviation due to regulations, the alteration of which is for the time being outside the competence of the CEN/CENELEC member.

This European Standard does not fall under any Directive of the EU. In the relevant CEN/CENELEC countries these A-deviations are valid instead of the provisions of the European Standard until they have been removed.

Clause

Deviation

**Table 1**

**France** Order of 13 January 1976 relative to stainless steel materials and objects in contact with foodstuffs: Article 2

Where the minimum chromium content given in table 1 is less than 13,00%, replace with “13,00% min Cr”

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**Annex B (informative) Bibliography**

Change title to “Annex C (informative) Bibliography”

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I.S. EN ISO 8442-1:1998

EUROPEAN STANDARD

EN ISO 8442-1

NORME EUROPÉENNE

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English version

**Materials and articles in contact with foodstuffs - Cutlery and table holloware - Part 1: Requirements for cutlery for the preparation of food (ISO 8442-1:1997)**

Matériaux et objets en contact avec les denrées alimentaires - Coutellerie et orfèvrerie de table - Partie 1: Exigences relatives à la coutellerie utilisée pour la préparation des denrées alimentaires (ISO 8442-1:1997)

Werkstoffe und Gegenstände in Kontakt mit Lebensmitteln - Schneidwaren und Tafelgeräte - Teil 1: Anforderungen für Schneidware zur Zubereitung von Speisen (ISO 8442-1:1997)

This European Standard was approved by CEN on 11 October 1997.

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.

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.



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**Foreword**

The text of EN ISO 8442-1:1997 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 June 1998, and conflicting national standards shall be withdrawn at the latest by June 1998.

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: Specific cutting test
- Part 6: Lacquered lightly silver-plated table and decorative holloware
- Part 7: Specification for table cutlery made of precious metals and their alloys, especially silver cutlery
- Part 8: Specification for silver table and decorative holloware

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.

## **Introduction**

This standard, based on draft ISO/TC 186 documents N 53 and N 54, does not cover those features of cutlery which are matters of choice for the user, such as the shape and size of knife or spatula blades.

It is the intention that requirements for blade sharpness and edge retention are incorporated in this standard at a later date if reliable test methods are established for these properties.

No meaningful test for the resistance of knives to fracture in use could be developed for the standard, but it is considered that this can be partially assessed from the appearance of cracks in the initial visual inspection, in the resistance to dropping requirements, the strength test requirements or in the corrosion test requirements.

Attention is drawn to Directives of the European Community concerning materials and articles in contact with food, in particular to Directives EC 77/99 and EC 89/109

## 1 Scope

This Part of this Standard specifies material and performance requirements and test methods for metal cutlery and related implements intended for use in the preparation of food.

Two grades of cutlery are specified:

- a normal grade with corrosion resistant blades or prongs capable of withstanding dishwasher cleaning procedures;
- a special grade with corrosion resistant blades capable of withstanding dishwasher cleaning procedures and sterilization processes.

## 2 Normative references

This 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 Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

ISO 306 : 1994	Plastics - Thermoplastic materials - Determination of the Vicat Softening Temperature (VST)
ISO 6508 : 1986	Metallic materials - Hardness test - Rockwell test (scales A-B-C-D-E-F-G-H-K)

## 3 Definitions

For the purposes of this Standard the following definitions apply.

**3.1 cutlery:** Utensils for the preparation and serving of food, for example knives with and without cutting edges, spatulas, palettes and carving forks.

**3.2 normal corrected vision:** The naked eye corrected to normal vision if necessary.

NOTE: This is usually done by the wearing of spectacles.

## 4 Materials

### 4.1 General

The cutlery should be made from materials that enable the finished product to meet all of the performance requirements of this standard.



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