



SLOVENSKI STANDARD
oSIST prEN 14372:2024
01-maj-2024

Izdelki za otroke - Jedilni pribor in posoda za hranjenje - Varnostne zahteve in preskusi

Child care articles - Cutlery and feeding utensils - Safety requirements and tests

Artikel für Säuglinge und Kleinkinder - Besteck und Geschirr - Sicherheitstechnische Anforderungen und Prüfungen

Articles de puériculture - Couverts et vaisselle - Exigences de sécurité et essais

Ta slovenski standard je istoveten z: prEN 14372

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Child care articles - Cutlery and feeding utensils - Safety requirements and tests

Articles de puériculture - Couverts et vaisselle -
Exigences de sécurité et essais

Artikel für Säuglinge und Kleinkinder - Besteck und
Geschirr - Sicherheitstechnische Anforderungen und
Prüfungen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 252.

If this draft becomes a European Standard, 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 14372:2024) has been prepared by Technical Committee CEN/TC 252 “Child care articles”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 14372:2004.

The main changes compared to the previous edition are listed below:

- Introduction: Completely reworded and references to European regulations have been renewed.
- Clause 3: Old definitions have been revised and new parts have been added, e.g. food feeder.
- Clause 4: New parts have been added.
- Clause 5: This clause is completely new.
- Clause 6: This clause is completely new.
- Clause 7: The whole clause has been divided into several sub-paragraphs for individual tests, and several paragraphs for new items and their tests have been added.
- Clause 8: This clause has been completely restructured and subdivided. Chemical requirements and test methods have been set for materials (like rubber, silicon, TPE, metal, glass) and exposures (mouthing and swallowing) which are recently not covered by harmonized legislation. Requirements for substances (e.g. Phthalate content, BPA release) which are covered by harmonized regulation (like REACH, (EU) 10/2011 or its amendments) have not been included.
- Clause 9 This clause is completely new.
- Clause 10: Revised and partly reworded.
- Clause 11: This clause on the test report is completely new.
- Annex A: This informative annex with translations of warnings into 24 languages is completely new.
- Annex B: This informative annex with rationales is completely new.
- Annex D: This informative annex on good practice for visibility and legibility is completely new.
- Annex ZA: This informative annex regarding relationship between this standard and the safety requirements of Directive 2001/95/EC aimed to be covered is completely new.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Introduction

This document establishes minimum safety requirements and specifies appropriate test methods for children's cutlery and feeding utensils. However, this document cannot eliminate all possible risks to young children.

It is essential that the manufacturer gives all warnings and instructions specified in this document clearly, to allow the consumer to ensure the product is used correctly and safely.

It is also important that the product or its packaging bears a traceability marking (e.g. batch coding) to enable traceability of the product through the supply chain.

This document sets chemical requirements and test methods for materials (e.g. silicon, TPE, glass ceramics, metals, etc.) and exposures (mouthing and swallowing) not covered by harmonized legislation. Where this document sets migration limits for substances also covered by legislation, the requirements of this document with stated test conditions must be regarded as additional.

Materials and chemical risks included in this document (Table 1) do not present a definitive list but the considered opinion of the Technical Committee based on current knowledge of likely risks.

All food contact materials and articles are regulated by Regulation (EC) No 1935/2004 [1], Regulation (EC) No 2023/2006 [22] and relevant implementation measures, at European or national level.

All plastics components of feeding utensils and cutlery which are intended to come into contact with food are specifically regulated by Regulation (EU) No 10/2011 [2] on plastic materials and articles intended to come into contact with food and its amendments. Therefore, for example, the Bisphenol A requirement has not been included in this document [24]. Phthalates, Azo-dyes, PAH are regulated by Annex XVII of the REACH Regulation [3] and have not been included in this document.

Articles treated with biocides are regulated under Regulation (EU) No 528/2012, and therefore have not been included in this document.

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1 Scope

This document specifies safety requirements relating to the materials, construction, performance, packaging and labelling of cutlery and feeding utensils. All products which are intended to be used by a child aged up to 48 months to eat by itself or with the assistance of another person are included in the scope of this document. This includes products which have a different primary function, but have a secondary function intended to allow a child to use the product to eat by itself or with the assistance of another person.

This document does not apply to pre-prepared food containers, to containers intended for storage only, or to cutlery and feeding utensils designed for specialist medical applications or for use under medical supervision (see B.1).

This document does not apply to single-use cutlery and feeding utensils.

This document includes test methods for the mechanical and chemical requirements specified and requirements relating to the product information.

This document is not applicable to drinking equipment (feeding bottles, teats, spouts, and cups) which is covered by EN 14350:2020+A1:2023.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 71-1:2014+A1:2018, *Safety of toys — Part 1: Mechanical and physical properties*

EN 71-3:2019+A1:2021, *Safety of toys — Part 3: Migration of certain elements*

EN 14350:2020+A1:2023, *Child care articles — Drinking equipment — Safety requirements and test methods*

EN 12868:2017, *Child use and care articles — Method for determining the release of N-nitrosamines and N-nitrosatable substances from elastomer or rubber teats and soothers*

EN ISO 17294-2:2023, *Water quality — Application of inductively coupled plasma mass spectrometry (ICP-MS) — Part 2: Determination of selected elements including uranium isotopes (ISO 17294-2:2023)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org>

3.1

cutlery

implements used for eating such as knives, forks, spoons and food pushers

3.2

feeding utensil

implement or container such as a plate or a bowl used for feeding children

3.3

suction ring/cup/pad

component intended to adhere or secure a product to a surface

3.4

handle

component designed to assist the handling of a product

3.5

food feeder

device intended to contain pieces of food and allow the child sucking and/or chewing the food through a mesh or a perforated surface

Note 1 to entry: A food feeder is usually constructed of a handle, food holder and closure.

3.5.1

food holder

flexible container usually made of mesh or elastomer (e.g. silicone rubber, TPE, etc.) with openings, part that holds and allows the child to access the food

3.5.2

closure

opening and closing component(s) used to hold the food holder and prevent access by the child to the contents of the food bag

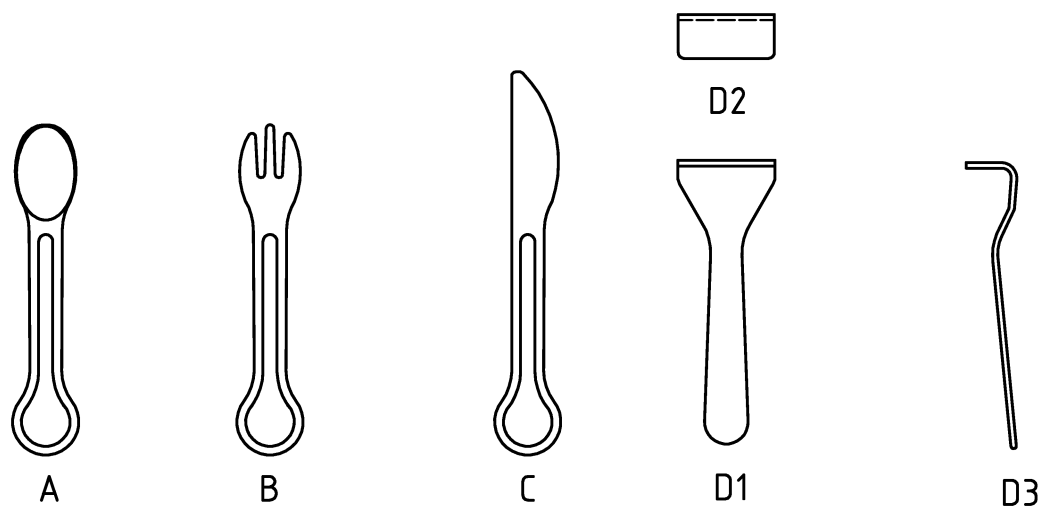
3.5.3

food holder protector

device that can be attached to and detached from the food feeder to cover the food holder

4 Description

Examples of cutlery and feeding utensils are shown in Figures 1, 2, 3 and 4.

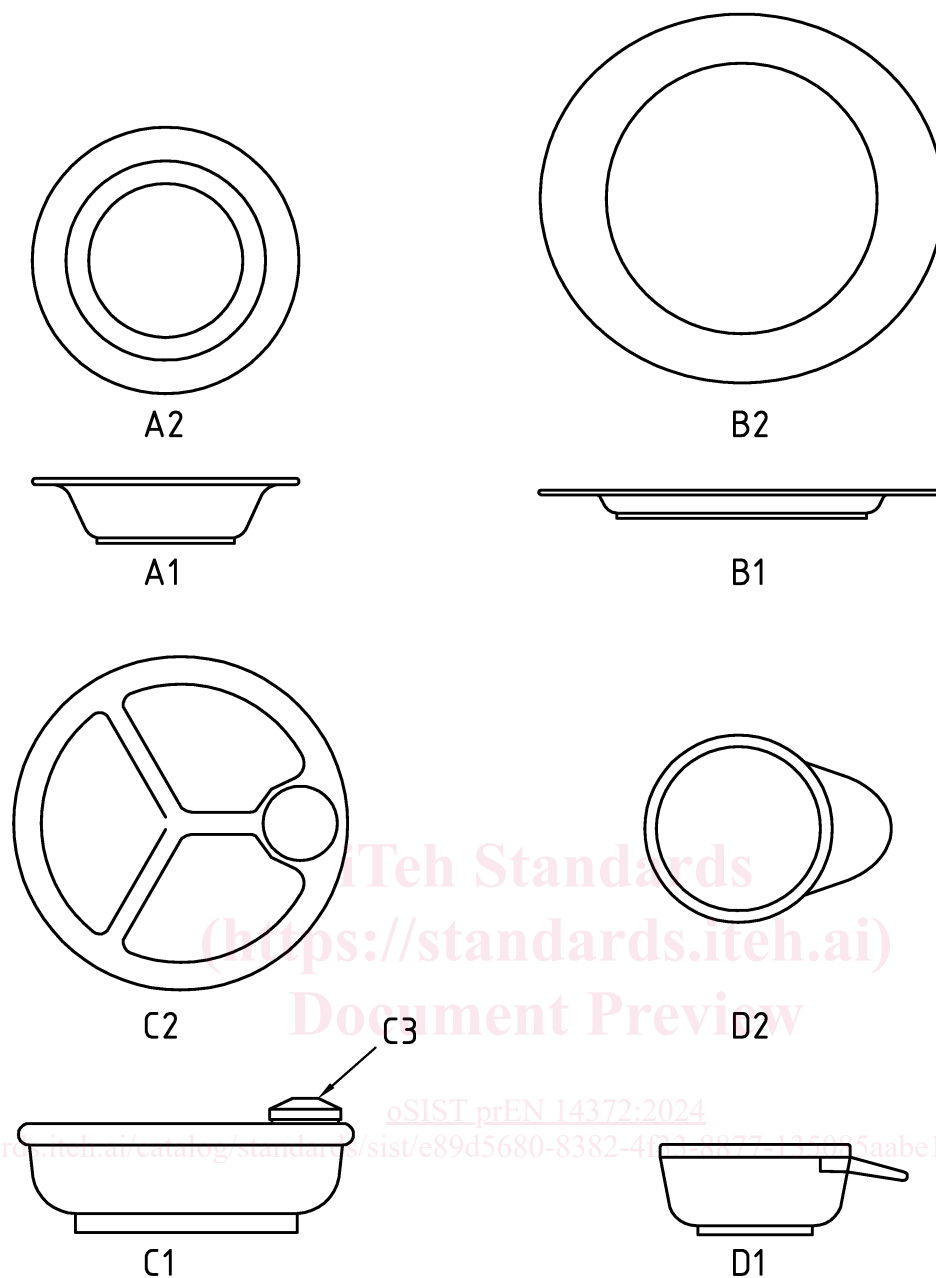


Key

- A Spoon
- B Fork
- C Knife
- D1 Food pusher – top view
- D2 Food pusher – front view
- D3 Food pusher – side view
- 1 Tines
- 2 Neck
- 3 Handle

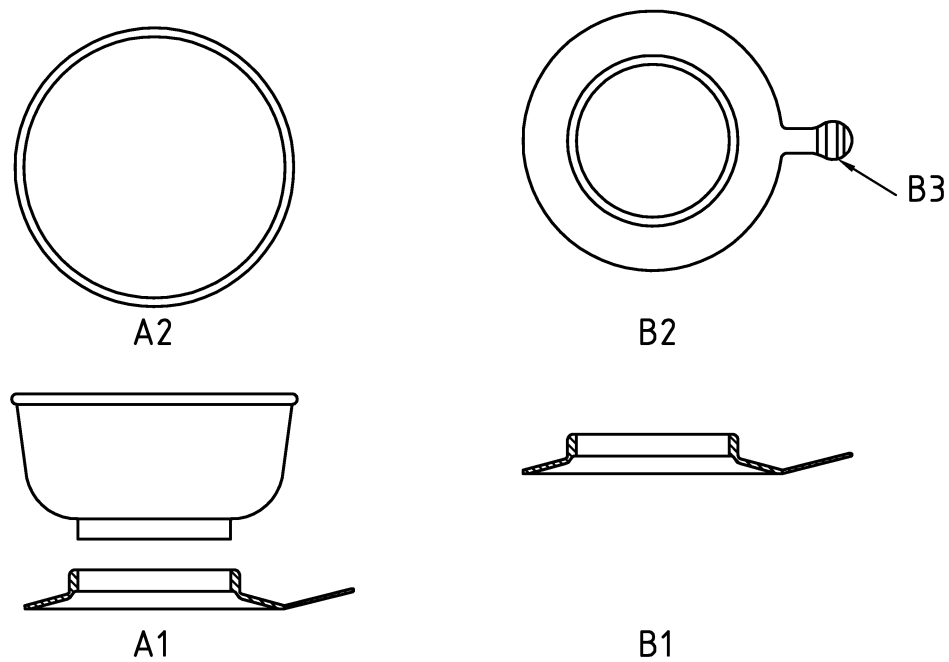
Figure 1 — Examples of cutlery

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**Key**

- A 1 Bowl – side view
- A 2 Bowl – top view
- B 1 Plate – side view
- B 2 Plate – top view
- C 1 Keep-warm plate – side view
- C 2 Keep-warm plate – top view
- C 3 Removable plug on keep-warm plate
- D 1 Weaning bowl – side view
- D 2 Weaning bowl – top view

Figure 2 — Examples of feeding utensils

**Key**

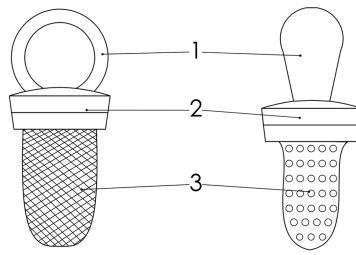
- A 1 Feeding utensil with suction pad – side view
- A 2 Feeding utensil – top view
- B 1 Suction pad – side view
- B 2 Suction pad – top view
- B 3 Suction pad release tab

Figure 3 — Example of a feeding utensil with a separate suction pad

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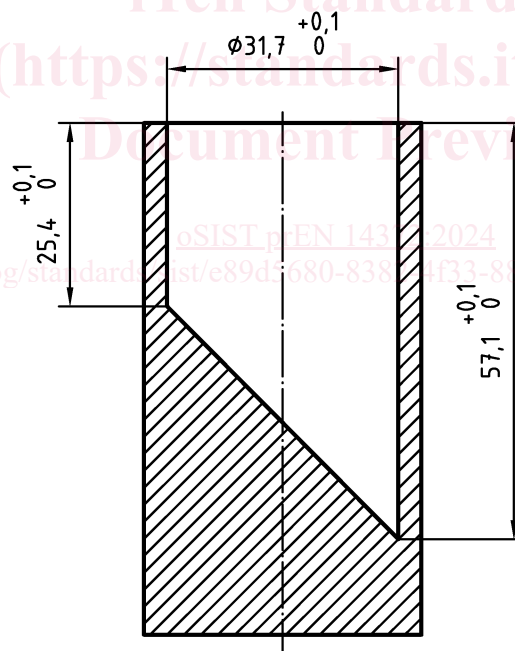
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**Key**

- 1 handle
- 2 closure
- 3 food holder

Figure 4 — Example of a food feeder**5 Test equipment and tolerances****5.1 Test equipment**

Dimensions in millimetres

**Figure 5 — Small parts cylinder**