



SLOVENSKI STANDARD

SIST EN 1272:2002

01-maj-2002

Izdelki za otroke – Stoli, ki se pritrdijo na mizo – Varnostne zahteve in preskusne metode

Child care articles - Table mounted chairs - Safety requirements and test methods

Artikel für Säuglinge und Kleinkinder - Tischhängesitze - Sicherheitstechnische Anforderungen und Prüfverfahren

Articles de puériculture - Sieges de table - Exigences de sécurité et méthodes d'essai

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Ta slovenski standard je istoveten z: **EN 1272:1998**

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Otroška oprema

Equipment for children

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EUROPEAN STANDARD
 NORME EUROPÉENNE
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English version

Child care articles - Table mounted chairs - Safety requirements
 and test methods

Articles de puériculture - Sièges de table - Exigences de
 sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Tischhängesitze -
 Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 14 February 1998.

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.



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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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 252 "Child use and care articles", the secretariat of which is held by AFNOR.

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 September 1998, and conflicting national standards shall be withdrawn at the latest by September 1998

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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Introduction

Table mounted chairs are widely used throughout Europe as seats for children.

This European Standard harmonises the minimum safety requirements and test methods for table mounted chairs.

1 Scope

This European Standard specifies safety requirements and the corresponding test methods for table mounted chairs, intended for children who are able to sit by themselves (approximately 6 months old) and up to 15 kg.

This European Standard deals only with safety and does not purport to establish particular designs or special construction methods for the table mounted chairs themselves.

2 Normative references

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

EN 71-1	1988	Safety of toys - Part 1 : Mechanical and physical properties
EN 71-2	1993	Safety of toys - Part 2 : Flammability
EN 71-3	1994	Safety of toys : Part 3 : Migration of certain elements
EN 45001		General criteria for the operation of testing laboratories
ISO 2439	1980	Polymeric materials, cellular flexible - Determination of hardness (indentation technique)

3 Definitions

For the purposes of this European Standard, the following definitions apply :

3.1 table mounted chair

Chair normally used for children that is intended to be attached to a table or other horizontal surface.

3.2 restraint device

Device which prevents the child from slipping or falling out of the table mounted chair.

3.3 crotch strap

Strap which fits between the legs to prevent the child slipping forwards.

3.4 integral harness

Harness assembly of straps which fit around the torso and over the shoulders serving to retain the child in the table mounted chair.

3.5 anchoring support

Device designed to fix the table mounted chair to the supporting surface.

4 Properties of the materials

4.1 Chemical properties

The surfaces of the materials shall meet the requirements of EN 71-3:1994.

4.2 Flammability

There shall be no parts of the table mounted chair that can give rise to flash effect (e.g. plush surfaces), when tested in accordance with 5.5 of EN 71-2:1993.

4.3 Shrinkage

For table mounted chairs with fabric parts, which according to the manufacturer's instructions can be removed for washing or cleaning, the tests in clause 6 shall be carried out after having washed and dried the fabric parts twice, and then refitted the fabrics to the frame in accordance with the manufacturer's instructions.

5 Construction

5.1 General

The table mounted chair, when assembled for use, shall be constructed so as to prevent any risk of pinching, cutting or wounding for both the child and the carer.

NOTE : If there are toys fixed to the table mounted chair attention is drawn to the provisions of EN 71.

5.2 Gaps and openings

The following requirements shall be met before and after the tests defined in clause 6. The table mounted chair shall be tested in the minimum and maximum loaded conditions :

a) to avoid finger entrapment, table mounted chairs shall not incorporate open-ended tubes, or include gaps or openings between 5 mm and 12 mm, measurements being taken in compliance with 6.2.3.2 unless their depth is less than, or equal to, 10 mm.

When tested in accordance with 6.2.3.2, this requirement is satisfied if the 5 mm diameter cone cannot go or if the 12 mm diameter cone goes ;

b) to avoid limb entrapment, table-mounted chairs shall not include gaps or openings between 25 mm and 45 mm, measurements being taken in compliance with 6.2.3.2.

When tested in accordance with 6.2.3.2, this requirement is satisfied if the 25 mm diameter cone cannot go or if the 45 mm diameter cone goes ;

c) to avoid head and torso entrapment, there shall be no openings, holes or gaps with a distance between any sides greater than 110 mm, except in front of the seat, when tested in accordance with 6.2.3.2.

5.3 Edges and corners

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All accessible edges, corners and protruding parts shall be designed so as to reduce the risk of inflicting wounds. Accessible edges and corners shall either comply with the examples given in figure 1a), b) or c) or, if arising from a wall thickness smaller than 4 mm, with one of the following requirements :

- be chamfered or rounded ;
- be folded, rolled or spiralled as shown in figure 2a) ;
- be protected with a plastic coating or other adequate means as shown in figure 2b).

Their surfaces shall be smooth and free from burrs.

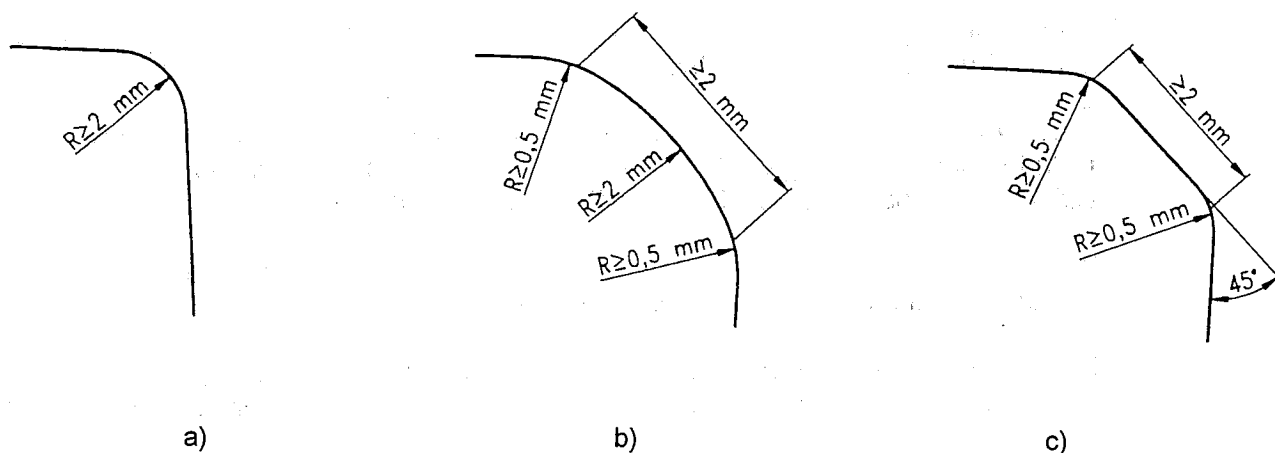


Figure 1 : Examples for minimum radii of edges and corners

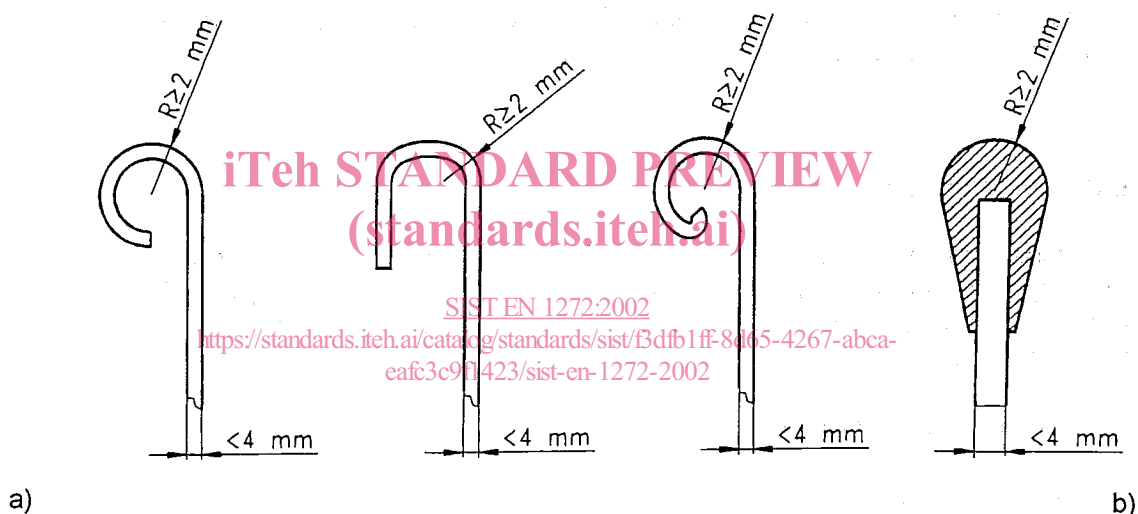


Figure 2 : Rolled, folded, spiralled and protected edges

The minimum radii shown in figure 1 and figure 2 do not apply to small components such as hinges, brackets and catches.

5.4 Small parts

In order to avoid ingestion or inhalation of small objects, components intended to be removed by the child shall not, whatever their position, fit wholly within the small parts cylinder specified in 4.15 of EN 71-1:1988.

Non-detachable components, parts which are not intended to be removed, shall comply with one of the following :

- a) the components shall be so embedded that the child cannot grip them with its teeth or fingers ;

b) the components shall be so fixed to the product that they cannot become detached when a force of 90 N is applied in any direction to them ;

c) any components which become detached when tested in accordance with a) and b) above shall not, whatever their position, fit wholly within the small parts cylinder specified in 4.15 of EN 71-1:1988.

Adhesives, decals and labels on table mounted chairs which become detached when tested in accordance with 6.10 (soaking test) shall not produce any parts, which whatever their position, fit wholly within the small parts cylinder specified in 4.15 of EN 71-1:1988.

5.5 Screws

Screws that cut a thread directly into a component of the table mounted chair shall not be used if they are intended to be removed when dismantling the table mounted chair.

5.6 Folding structures

If the structure can be folded, such a folding system shall be locked firmly into position when the table mounted chair is fitted for use.

There shall be no possibility of accidentally folding the table mounted chair, when tested in accordance with clause 6.

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5.7 Dimensions

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When mounted for use the height of the backrest of table mounted chair shall be at least 250 mm (see figure 3) and shall be fitted with sideways armrests which shall have a minimum height of 170 mm when measured in accordance with 6.9.

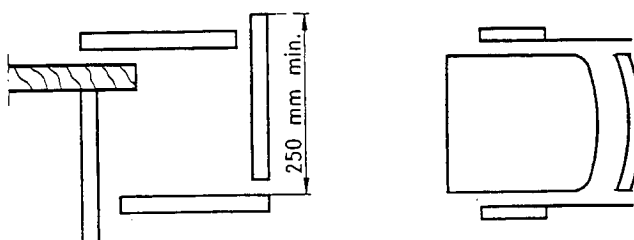


Figure 3 : Dimensions

5.8 Footrests

Footrests shall not be provided.