



**SLOVENSKI STANDARD**  
**oSIST prEN 1466:2012**

**01-februar-2012**

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**Izdelki za otroke - Prenosne posteljice in podstavki - Varnostne zahteve in preskusne metode**

Child use and care articles - Carry cots and stands - Safety requirements and test methods

Artikel für Säuglinge und Kleinkinder - Tragetaschen und Ständer - Sicherheitstechnische Anforderungen und Prüfverfahren

Articles de puériculture - Couffins et supports - Exigences de sécurité et méthodes d'essai

**Ta slovenski standard je istoveten z: prEN 1466**

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EUROPÄISCHE NORM

**DRAFT**  
**prEN 1466**

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English Version

## Child use and care articles - Carry cots and stands - Safety requirements and test methods

Articles de puériculture - Couffins et supports - Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Tragetaschen und Ständer - Sicherheitstechnische Anforderungen und Prüfverfahren

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## Contents

Page

Foreword.....	4
1 Scope .....	5
2 Normative references .....	5
3 Terms and definitions .....	5
4 General requirements and test conditions .....	5
4.1 Order of tests .....	5
4.2 Conditioning of products with removable fabric.....	6
4.3 Accuracy of test equipment.....	6
5 Test equipment .....	6
5.1 Test plate .....	6
5.2 Test mass .....	7
5.3 Test probes.....	7
5.4 Small parts cylinder.....	8
5.5 Test bar (1).....	9
5.6 Test bar (2).....	9
5.7 Datum board.....	9
5.8 Metal hooks .....	10
5.9 Apparatus for dynamic strength test.....	10
6 Chemical hazards .....	12
7 Thermal hazards .....	12
8 Requirements and test methods.....	12
8.1 Carry cots and stands .....	12
8.1.1 Determination of a protected volume .....	12
8.1.2 Materials .....	12
8.1.3 Plastic internal lining.....	12
8.1.4 Plastic decals .....	12
8.1.5 Plastic packaging.....	13
8.1.6 Holes and openings.....	13
8.1.7 Edges, points and corners.....	13
8.1.8 Choking and ingestion hazards .....	14
8.1.9 Cords, straps, ribbons and other narrow fabrics .....	15
8.1.10 Moving parts.....	15
8.1.11 Filling materials.....	15
8.2 Carry cots .....	15
8.2.1 General.....	15
8.2.2 Internal height of carry cot and effectiveness of retaining function (see C.4) .....	16
8.2.3 Total height of a carry cot with flexible handles .....	18
8.2.4 Flexible handles of carry cots (see C.3) .....	19
8.2.5 Strength of carry cots .....	20
8.2.6 Stability of carry cots on the ground .....	21
8.2.7 Longitudinal stability of carry cots .....	23
8.3 Stands .....	23
8.3.1 Retention of the carry cot .....	23
8.3.2 Strength of stands .....	23
8.3.3 Stability of stands .....	23
8.3.4 Folding mechanism of stands .....	24
8.3.5 Castors/Wheels of stands .....	24

<b>9</b>	<b>Durability of marking</b> .....	<b>24</b>
<b>10</b>	<b>Product information</b> .....	<b>25</b>
<b>10.1</b>	<b>General</b> .....	<b>25</b>
<b>10.2</b>	<b>Purchase information</b> .....	<b>25</b>
<b>10.2.1</b>	<b>General</b> .....	<b>25</b>
<b>10.2.2</b>	<b>Carry cots</b> .....	<b>25</b>
<b>10.2.3</b>	<b>Stands</b> .....	<b>25</b>
<b>10.3</b>	<b>Product markings</b> .....	<b>25</b>
<b>10.4</b>	<b>Instructions for use and maintenance</b> .....	<b>26</b>
<b>10.4.1</b>	<b>General</b> .....	<b>26</b>
<b>10.4.2</b>	<b>Carry cots</b> .....	<b>26</b>
<b>10.4.3</b>	<b>Stands</b> .....	<b>27</b>
<b>Annex A</b>	<b>(normative) Order of tests</b> .....	<b>28</b>
<b>A.1</b>	<b>Carry cots</b> .....	<b>28</b>
<b>A.2</b>	<b>Stands</b> .....	<b>28</b>
<b>Annex B</b>	<b>(informative) A-deviations</b> .....	<b>29</b>
<b>Annex C</b>	<b>(informative) Background for this European standard</b> .....	<b>30</b>
<b>C.1</b>	<b>Introduction</b> .....	<b>30</b>
<b>C.2</b>	<b>General</b> .....	<b>30</b>
<b>C.3</b>	<b>Rigid handle (see 8.2.4)</b> .....	<b>30</b>
<b>C.4</b>	<b>Internal height of carry cot and effectiveness of retaining function (see 8.2.2)</b> .....	<b>30</b>
	<b>Bibliography</b> .....	<b>31</b>

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prEN 1466:2011 (E)

## Foreword

This document (prEN 1466:2011) has been prepared by Technical Committee CEN/TC 252 "Child use and care articles", the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 1466:2004+A1:2007.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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## 1 Scope

This European Standard specifies safety requirements and test methods for products which are intended for the purpose of carrying a child in a lying position by means of handle(s) and for stands which may be used in conjunction with these products. The safety requirements are intended to assure that the carrying and sleeping functions do not present hazards to the child when the product is used in a normal way taking into account the foreseeable behaviour of the child.

These products are intended for a child who cannot sit unaided, roll over or push up on its hands and knees, with a maximum weight of 9 kg. Hereafter, in this European Standard these articles are called "carry cots" and include all types of carry cots with rigid or soft sides as well as Moses baskets and any similar articles. Any other functions of the product shall comply with relevant European Standards.

This European Standard has not considered the requirements of children with special needs.

## 2 Normative references

The following referenced documents are indispensable for the application 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, *Safety of toys — Part 1: Mechanical and physical properties*

EN 71-3, *Safety of toys — Part 3: Migration of certain elements*

EN 1103, *Textiles — Fabrics for apparel — Detailed procedure to determine the burning behaviour*

ISO 48, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)*

## 3 Terms and definitions

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

### 3.1

#### **carry cot**

product consisting of a base, sides, ends and carrying handle(s), within which a child can be laid down and transported by hand(s)

### 3.2

#### **stand**

static structure designed to accommodate and support a carry cot

## 4 General requirements and test conditions

### 4.1 Order of tests

Annex A defines the order of test.

## prEN 1466:2011 (E)

## 4.2 Conditioning of products with removable fabric

Any carry cot or intended removable fabric shall be washed or cleaned and dried twice in accordance with the manufacturer's or supplier's instructions.

Resulting shrinkage of any fabric covering materials intended to be removed from the structure, shall not prevent the covering materials from being refitted to the structure without damaging the seams of the fabric and shall not impair its performance.

The carry cot shall be tested when assembled for normal use as supplied by the manufacturer or the retailer.

## 4.3 Accuracy of test equipment

Unless otherwise stated the accuracy of the test equipment shall be:

- forces  $\pm 5\%$ ;
- masses  $\pm 0,5\%$ ;
- dimensions  $\pm 0,5\text{ mm}$ ;
- timing  $\pm 1\text{ s}$ ;
- angles  $\pm 0,5$ .

## 5 Test equipment

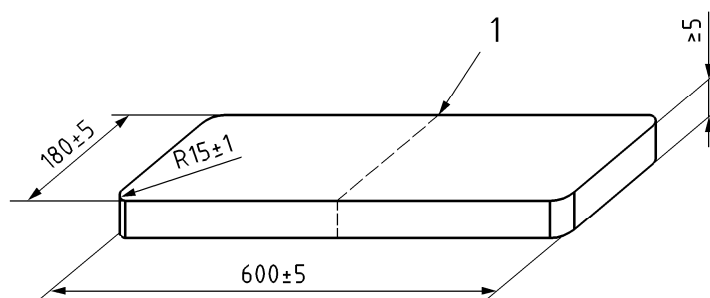
### 5.1 Test plate

Test plate is a steel rigid plate ( $600 \pm 5$ ) mm long and ( $180 \pm 5$ ) mm wide, having a mass of ( $9_0^{+0,01}$ ) kg hinged along the centre line as shown in Figure 1.

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Dimensions in millimetres

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#### Key

- 1 hinge line

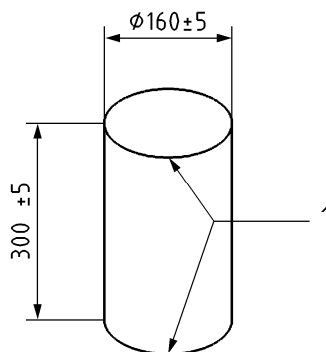
Figure 1 — Test plate



## 5.2 Test mass

A rigid cylinder ( $160 \pm 5$ ) mm in diameter and ( $300 \pm 5$ ) mm in height, having a mass of  $9_0^{+0,01}$  kg and with its centre of gravity in the centre of the cylinder. All edges shall have a radius of ( $5 \pm 1$ ) mm (see Figure 2).

Dimensions in millimetres



### Key

1 radius  $r = (5 \pm 1)$  mm

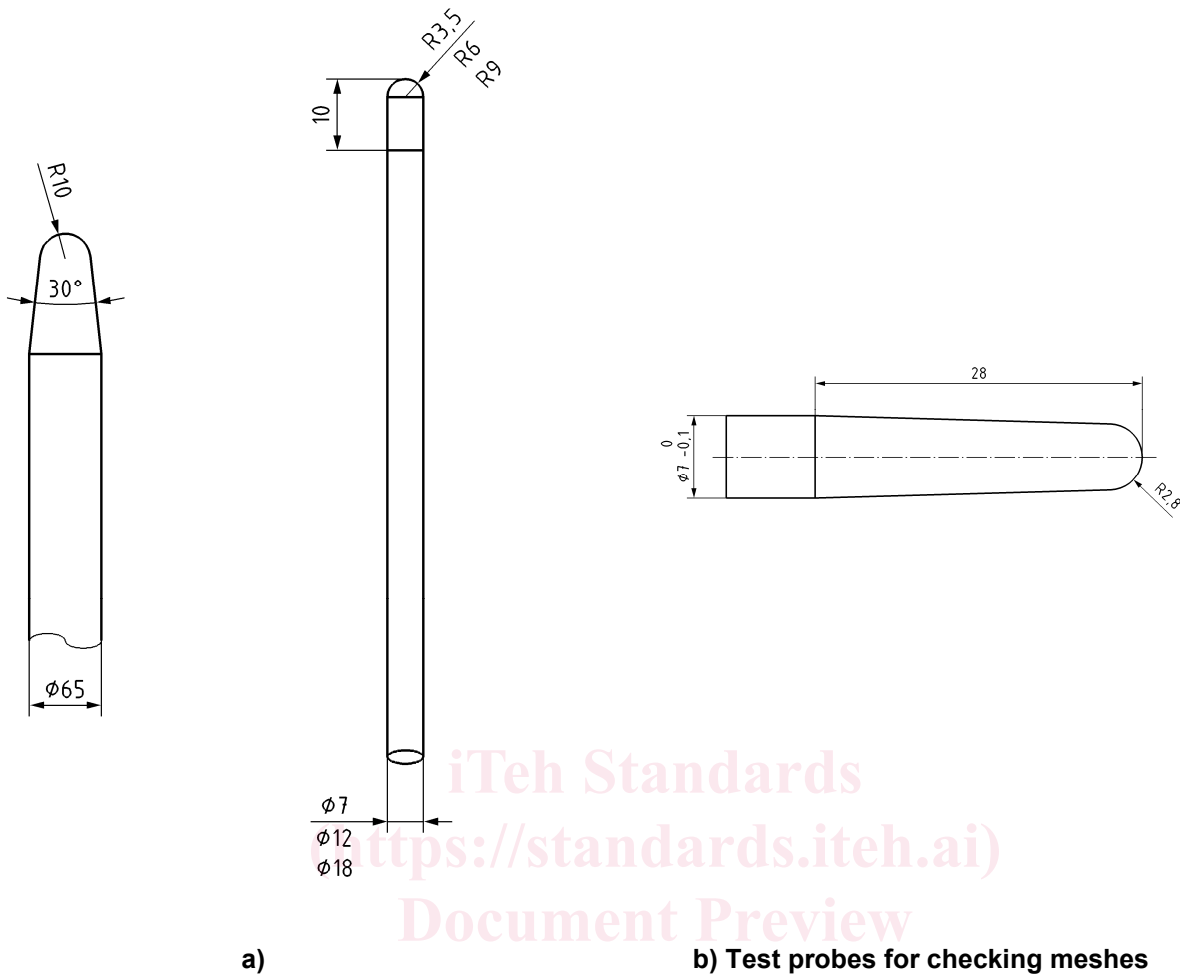
Figure 2 — Test mass

## 5.3 Test probes

Probes made from plastics or other hard, smooth material of diameters ( $7_{-0,1}^{+0}$ ) mm, ( $12_{-0}^{+0,1}$ ) mm, and ( $18_{-0}^{+0,1}$ ) mm with a full hemispherical end.

Probes made from plastics or other hard, smooth material of diameters ( $65_{-0}^{+0,1}$ ) mm. One end shall be conical with an angle of  $30^\circ$  with a radius of 10 mm at the end (see Figure 3).

Dimensions in millimetres



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<https://standards.itih.ai/catalog/standards/sist/en-1466-2015> Figure 3 — Test probes

#### 5.4 Small parts cylinder

For assessment of small parts, having dimensions as shown in Figure 4.

Dimensions in millimetres

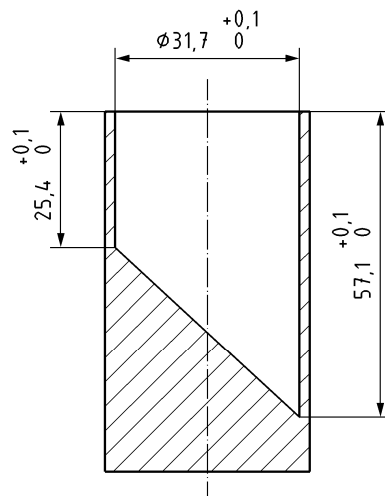


Figure 4 — Small parts cylinder

### 5.5 Test bar (1)

A metal bar having a cross section of 40 mm × 40 mm with edges having a radius of 5 mm.

### 5.6 Test bar (2)

A metal bar having a length at least the width of the carry cot, a cross section of (25 × 25) mm and with a mass of 750 g.

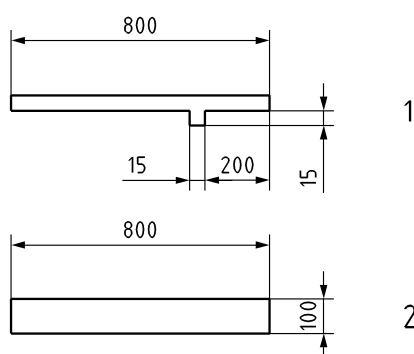
### 5.7 Datum board

As shown in Figure 5.

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Dimensions in millimetres



#### Key

- 1 side view      mass: 1,5 kg  
2 over view

Figure 5 — Datum board