



**SLOVENSKI STANDARD**  
**SIST EN 71-1:2015/oprA1:2016**  
**01-maj-2016**

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**Varnost igráč - 1. del: Mehanske in fizikalne lastnosti - Dopolnilo A1**

Safety of toys - Part 1: Mechanical and physical properties

Sicherheit von Spielzeug - Teil 1: Mechanische und physikalische Eigenschaften

Sécurité des jouets - Partie 1: Propriétés mécaniques et physiques

**Ta slovenski standard je istoveten z: EN 71-1:2014/prA1**

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**ICS:**

97.200.50      Igrače      Toys

**SIST EN 71-1:2015/oprA1:2016**      **en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 71-1:2014**  
**prA1**

March 2016

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ICS 97.200.50

English Version

## Safety of toys - Part 1: Mechanical and physical properties

Sécurité des jouets - Partie 1: Propriétés mécaniques et physiques

Sicherheit von Spielzeug - Teil 1: Mechanische und physikalische Eigenschaften

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 52.

This draft amendment A1, if approved, will modify the European Standard EN 71-1:2014. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

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## European foreword

This document (EN 71-1:2014/prA1:2015) has been prepared by Technical Committee CEN/TC 52 “Safety of toys”, the secretariat of which is held by DS.

This document is currently submitted to the CEN Enquiry.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

EN 71-1:2014/prA1:2016 (E)

## 1 Modification to Clause 2, Normative references

Add the following new reference:

EN 14682, *Safety of children's clothing - Cords and drawstrings on children's clothing – Specifications*

## 2 Modification to Clause 3, Terms and definitions

Replace the existing definitions by the following:

### 3.12

#### **cord**

narrow piece of flexible textile or non-textile material of which the length is significantly greater than its thickness and width

Note 1 to entry: examples of *cords* include elastic material, monofilament polymeric material, tape, *ribbon*, rope, *strap*, woven and twisted material and string as well as certain weak and long *springs*.

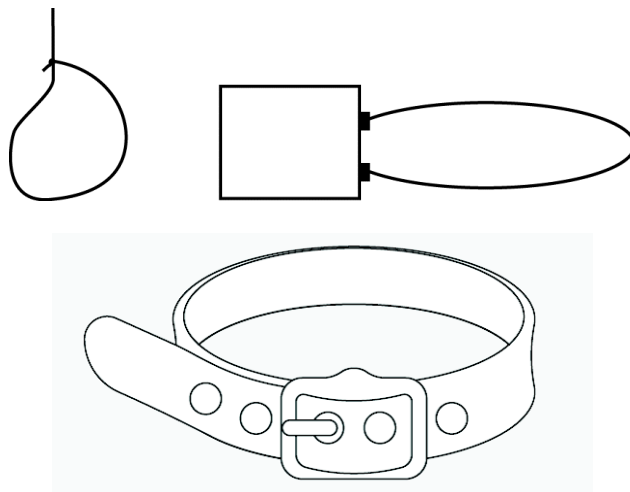
Note 2 to entry: *Electrical cables* (see 3.18) are not considered to be *cords*. Accessible electrical wires (e.g. between a battery box and a sound source in a soft filled toy) which are not *electrical cables* are however considered to be *cords*.

### 3.24

#### **fixed loop**

loop made of a *cord* or chain, the perimeter of which is fixed by any means including stitching, knots, hook and loop fasteners, buckles or similar fasteners

Note 1 to entry: A *fixed loop* can include a part or parts of the toy (see Figure 1).



**Figure 1 — Examples of fixed loops**

### 3.38

#### **noose**

loop in a *cord* or *chain* which reduces in perimeter as the *cord* is pulled (see Figure 3)

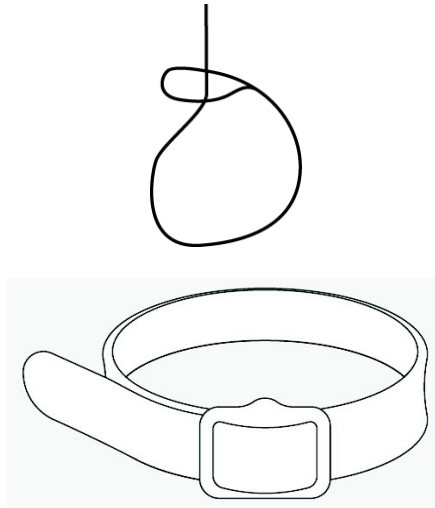


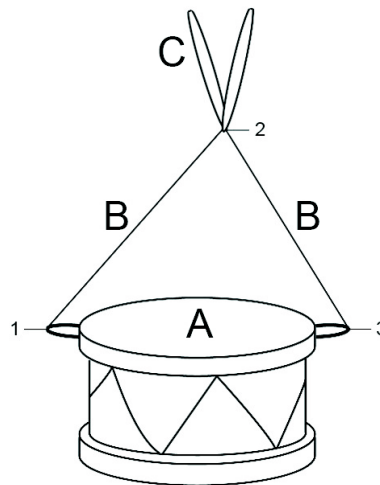
Figure 3 — Examples of a noose

### 3.61

#### tangled loop

loop created by twisting or snagging a *cord or chain with the potential to tangle*, which can include parts of the toy which are not *cords*

Note 1 to entry: Figure 6 shows a tangled loop comprising two cords B and a toy drum A.



#### Key

- 1 fixing point
- 2 tangle point
- 3 fixing point
- A drum surface
- B cords attaching drumsticks to drum
- C drumsticks

Figure 6 — Example of tangled loop

**EN 71-1:2014/prA1:2016 (E)****3.62****tape**

narrow piece of flexible non textile material the width of which is significantly greater than the thickness

*Add the following new definitions:*

**3.72****cord or chain with the potential to tangle**

*cord* or *chain* with an attachment, *fixed loop*, knot or similar feature that can cause the *cord* or *chain* to tangle and form a *tangled loop* or *noose* during reasonably foreseeable use and without excessive or intricate manipulation

**3 Modification to Clause 4, General requirements**

*Add the following new subclause*

**4.26 Toy Disguise Costumes**

The requirement in 4.26 shall not apply to toy disguise costumes where *cords* become separated from the toy disguise costume and where there are no remaining *cords* attached to the toy disguise costume, when tested in accordance with 8.38 (breakaway feature separation test).

In addition to the requirements of this European standard, toy disguise costumes shall comply with the applicable requirements of EN 14682.

Where any *cord* that becomes separated from the toy disguise costume after testing to 8.38 (breakaway feature separation test), it shall be possible to join the parts after they have been separated without altering the characteristics of the joints

NOTE 1 This requirement applies to any *cords* remaining attached to the toy disguise following the test.

NOTE 2 EN 14682, if referenced in the official journal of the EU, will provide a presumption of conformity with directive 2001/95/EC for applicable products. It is advised that the referenced version is consulted since it may differ from the latest version specified in this requirement.

NOTE 3 Clause 5.4 applies in addition to this clause for toys that are intended for children under 36 months.

**4 Modification to Clause 5, Toys intended for children under 36 months**

*Replace the existing text in Clause 5.4 with the following:*

**5.4 Cords, chains and electrical cables in toys (see A.29)****5.4.1 General**

*Cords* and *chains* on toys intended for children under 36 months shall comply with the requirements of this clause.

The requirements in this clause do not apply to ropes and *chains* that are covered by the requirements of EN 71-8 (e.g. climbing and swinging ropes).

The requirements in this clause do not apply to:

- *straps* intended to be worn fully or partially around the neck (see 5.14);
- *straps* in safety harnesses;
- *straps* in imitation safety harnesses (e.g. on toy pushchairs);



- shoulder or waist *straps* (e.g. on toy bags, backpacks and fairy wings);
- handles (e.g. on toy bags, toy cradles, toy carry cots, toy buckets and boxes);
- *cords* intended for pulling sledges/toboggans, intended for outdoor use in snow under adult supervision.

NOTE Safety harnesses include straps for securing children to ride-on toys and seats.

The requirements of Clauses 5.4.2 to 5.4.8 do not apply to toys intended to be strung across a cradle, cot or perambulator, however, any elements hanging down from such toys, where the elements are intended to be within the reach of children, shall fulfil these requirements as applicable. Toys intended to be strung across a cradle cot or perambulator shall comply with Clause 5.4.9.

The requirements of Clauses 5.4.2 to 5.4.8 do not apply to *cords* or *chains* on toys attached to a cradle, cot or perambulator where those *cords* or *chains* are out of the reach of the child. Toys intended to be attached to a cradle cot or perambulator shall comply with Clause 5.4.9.

The requirements of Clauses 5.4.2 to 5.4.5 and Clauses 5.4.7 to 5.4.9 do not apply to *electrical cables* on toys intended for children aged 18 months or older; such *electrical cables* shall comply with 5.4.6.

#### **5.4.2 Cords and chains in toys intended for children under 18 months**

**5.4.2.1** *Cords or chains with the potential to tangle* attached to a toy shall either:

- a) have a length not exceeding 220 mm when measured according to 8.40 (length of cords, chains and electrical cables); or
- b) separate into parts when tested according to 8.38 (breakaway feature separation test). It shall be possible to join the parts after they have been separated without altering the characteristics of the joints (see Figure 15).

**5.4.2.2** Any two *cords or chains with the potential to tangle* that are attached to the toy shall either:

- a) not be able to make contact at the tangle point when tested in accordance with Clause 8.XX (Assessment of the tangle potential of two cords); or
- b) have a combined length not exceeding 220 mm including the length of both *cords or chains with the potential to tangle* and the distance which they are apart (see Figure 14), when each *cord or chain with the potential to tangle* is measured according to 8.40 (length of cords, chains and electrical cables); or
- c) separate into parts when tested according to 8.38 (breakaway feature separation test). It shall be possible to join the parts after they have been separated without altering the characteristics of the joints (see Figure 15).