

This is a preview of "DS/EN 17072:2018". [Click here to purchase the full version from the ANSI store.](#)

Børneomsorgsprodukter – Badekar, stativer og ikke fastgjort badeudstyr – Sikkerhedskrav og prøvningsmetoder

Child care articles – Bath tubs, stands and non-standalone bathing aids – Safety requirements and test methods



DANSK STANDARD
Danish Standards Association

Göteborg Plads 1
DK-2150 Nordhavn
Tel: +45 39 96 61 01
Tel: +45 39 96 61 01
dansk.standard@ds.dk
www.ds.dk

This is a preview of "DS/EN 17072:2018". [Click here to purchase the full version from the ANSI store.](#)

DS projekt: M312847

ICS: 97.190

Første del af denne publikations betegnelse er:

DS/EN, hvilket betyder, at det er en europæisk standard, der har status som dansk standard.

Denne publikations overensstemmelse er:

IDT med: EN 17072:2018

DS-publikationen er på engelsk.

DS-publikationstyper

Dansk Standard udgiver forskellige publikationstyper.

Typen på denne publikation fremgår af forsiden.

Der kan være tale om:

Dansk standard

- standard, der er udarbejdet på nationalt niveau, eller som er baseret på et andet lands nationale standard, eller
- standard, der er udarbejdet på internationalt og/eller europæisk niveau, og som har fået status som dansk standard

DS-information

- publikation, der er udarbejdet på nationalt niveau, og som ikke har opnået status som standard, eller
- publikation, der er udarbejdet på internationalt og/eller europæisk niveau, og som ikke har fået status som standard, fx en teknisk rapport, eller
- europæisk præstandard

DS-håndbog

- samling af standarder, eventuelt suppleret med informativt materiale

DS-hæfte

- publikation med informativt materiale

Til disse publikationstyper kan endvidere udgives

- tillæg og rettelsesblade

DS-publikationsform

Publikationstyperne udgives i forskellig form som henholdsvis

- fuldttekstpublikation (publikationen er trykt i sin helhed)
- godkendelsesblad (publikationen leveres i kopi med et trykt DS-omslag)
- elektronisk (publikationen leveres på et elektronisk medie)

DS-betegnelse

Alle DS-publikationers betegnelse begynder med DS efterfulgt af et eller flere præfikser og et nr., fx **DS 383**, **DS/EN 5414** osv. Hvis der efter nr. er angivet et **A** eller **Cor**, betyder det, enten at det er et **tillæg** eller et **rettelsesblad** til hovedstandard, eller at det er indført i hovedstandard.

DS-betegnelse angives på forsiden.

Overensstemmelse med anden publikation:

Overensstemmelse kan enten være IDT, EQV, NEQ eller MOD

- **IDT:** Når publikationen er identisk med en given publikation.
- **EQV:** Når publikationen teknisk er i overensstemmelse med en given publikation, men præsentationen er ændret.
- **NEQ:** Når publikationen teknisk eller præsentationsmæssigt ikke er i overensstemmelse med en given standard, men udarbejdet på baggrund af denne.
- **MOD:** Når publikationen er modificeret i forhold til en given publikation.

This is a preview of "DS/EN 17072:2018". [Click here to purchase the full version from the ANSI store.](#)

EUROPÄISCHE NORM

December 2018

ICS 97.190

English Version

Child care articles - Bath tubs, stands and non-standalone bathing aids - Safety requirements and test methods

Articles de puériculture - Baignoires, supports et aides au bain non indépendantes
- Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder - Badewannen, Gestelle und nicht freistehende Badehilfen - Sicherheitsanforderungen und Prüfverfahren

This European Standard was approved by CEN on 19 October 2018.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

This is a preview of "DS/EN 17072:2018". [Click here to purchase the full version from the ANSI store.](#)

Contents

Page

European foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Test equipment	7
4.1 Test probes for finger entrapment.....	7
4.1.1 Test probes with hemispherical end.....	7
4.1.2 Shape assessment probe.....	7
4.2 Test probes for head entrapment.....	8
4.2.1 Small head probe.....	8
4.2.2 Large head probe.....	8
4.2.3 Template for partially bound and V shaped openings.....	9
4.3 Test mass A.....	10
4.4 Small parts cylinder.....	11
4.5 Feeler gauge.....	12
4.6 Test glass surface.....	12
4.7 Test surface for drop test and impact test.....	12
4.8 Tube.....	12
4.9 Steel ball.....	13
4.10 Test beam.....	13
4.11 Test base for bath mounted supports.....	13
5 General requirements	14
5.1 Product conditioning.....	14
5.2 Test conditions.....	14
5.3 Application of forces.....	14
5.4 Tolerances.....	14
5.5 Order of test.....	14
6 Chemical hazards — Migration of certain elements (see A.2)	15
7 Mechanical hazards (see A.3)	15
7.1 General.....	15
7.2 Entrapment hazards.....	16
7.2.1 Entrapment of fingers.....	16
7.2.2 Entrapment of head.....	16
7.3 Hazards due to moving parts.....	19
7.3.1 Requirements for compression points.....	19
7.3.2 Requirements for shear points.....	20
7.4 Entanglement hazards.....	20
7.4.1 Requirements.....	20
7.4.2 Test method.....	21
7.5 Choking and ingestion hazards.....	21
7.5.1 Requirements.....	21
7.5.2 Test methods.....	21
7.6 Suffocation hazards — Plastic packaging.....	22
7.7 Hazardous edges, corners and protruding parts.....	22
7.8 Hazards from inadequate structural integrity.....	23
7.8.1 Thermal shock.....	23
7.8.2 Static strength of bath tubs.....	23
7.8.3 Static strength of non-standalone bathing aids.....	23
7.8.4 Static strength of stands.....	24
7.8.5 Strength and retention of suction cups.....	24
7.8.6 Impact test.....	25
7.9 Hazards due to folding or adjusting of the product.....	25

This is a preview of "DS/EN 17072:2018". [Click here to purchase the full version from the ANSI store.](#)

7.9.1	General.....	25
7.9.2	Attachment device(s) for non-standalone bathing aids.....	25
7.9.3	Foldable bath tubs.....	25
7.9.4	Stands.....	26
7.10	Hazards due to plastic decals.....	27
7.10.1	Requirement.....	27
7.10.2	Conditioning of plastic decals.....	27
7.11	Castors/wheels.....	27
7.11.1	Requirements.....	27
7.11.2	Requirements for parking device.....	27
7.11.3	Test methods for lockable wheels.....	27
7.12	Hazards due to inadequate stability.....	28
7.12.1	Requirements.....	28
7.12.2	Test methods.....	29
8	Product information.....	30
8.1	General.....	30
8.2	Marking of the product.....	31
8.2.1	Requirements.....	31
8.2.2	Durability of marking.....	32
8.2.3	Test method for durability of marking.....	32
8.2.4	Determination of maximum level of water for non-standalone bath cradles and integrated bath cradles.....	32
8.3	Purchase information.....	33
8.4	Instructions for use.....	33
	Annex A (informative) Rationales.....	35
	Annex B (normative) Warnings.....	38
	Bibliography.....	45

This is a preview of "DS/EN 17072:2018". [Click here to purchase the full version from the ANSI store.](#)

European foreword

This document ([EN 17072:2018](#)) has been prepared by Technical Committee CEN/TC 252 "Child 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 June 2019, and conflicting national standards shall be withdrawn at the latest by June 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under Mandate M/464 given to CEN by the European Commission and the European Free Trade Association.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

This is a preview of "DS/EN 17072:2018". [Click here to purchase the full version from the ANSI store.](#)

Child care articles – Bath tubs, stands and non-standalone bathing aids – Safety requirements and test methods

1 Scope

This document specifies safety requirements and test methods for children's bath tubs and stands and for non-standalone bathing aids that are designed and intended to be used only in conjunction with a children's bath tub.

This document does not cover children's bath tubs and stands and non-standalone bathing aids designed for children with special needs.

NOTE 1 — Standalone bathing aids are covered in [EN 17022](#).

NOTE 2 — Where the product has several functions or can be converted into another function it is due to comply with relevant standard(s).

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 71-3](#), *Safety of toys — Part 3: Migration of certain elements*

[EN ISO 291](#), *Plastics — Standard atmospheres for conditioning and testing (ISO 291)*

[ISO 7619-1](#), *Rubber, vulcanized or thermoplastic — Determination of indentation hardness — Part 1: Durometer method (Shore hardness)*