
**Oprema športnih igrišč - Oprema za košarko - Funkcionalne in varnostne
zahteve, preskusne metode**

Playing field equipment - Basketball equipment - Functional and safety
requirements, test methods

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ICS

Will supersede EN 1270:1998

English version

Playing field equipment - Basketball equipment - Functional and safety requirements, test methods

Equipements de jeux - Equipements de basket-ball -
Exigences fonctionnelles et de sécurité, méthodes d'essai

Spielfeldgeräte - Basketballgeräte - Funktionelle und
sicherheitstechnische Anforderungen, Prüfverfahren

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 136.

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

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Foreword

This document (prEN 1270:2004) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational equipment”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 1270:1998.

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1 Scope

This European Standard specifies functional requirements (see clause 3) and safety requirements (see clause 4) for basketball equipment.

This European Standard is applicable to 8 types of basketball equipment within the classes A to E (see 3.1).

This European Standard is not applicable to home basketball equipment, which is considered to be covered by EN 71-1.

2 Normative references

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

EN 913:1996, *Gymnastic equipment — General safety requirements and test methods*.

EN 10025, *Hot-rolled products of non-alloy structural steels — Technical delivery conditions*.

ISO 2062, *Textiles — Yarns from packages — Determination of single-end breaking force and elongation at break*.

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3 Requirements

3.1 Classification

Basketball equipment shall be classified by the design (types) and the free space (see table 2) as typical performance criterion (classes) as shown in tables 1 and 2.

Table 1 — Types

Type	Description	Example
1	freestanding 3 250 mm and 2 250 mm extension	figure 1
2	freestanding (other extensions)	figure 2
3	folding	figure 3
4	fixed wall mounted	figure 4
5	ceiling mounted	figure 5
6	removable with sockets	figure 6
7	fixed in the ground	figure 7
8	adjustable with height setting from 2 600 mm to 3 050 mm	
NOTE Specifications concerning fixing are under preparation		

Table 2 — Classes

Dimensions in millimetres

Class	Free space min.	Remark
A	3 250	^a
B	2 250	
C	1 650	
D	1 200	
E	any other ($\leq 1\,200$)	
^a in line with/with interpretation of FIBA (Fédération Internationale de Basketball) rules		

Rings shall be classified as either:

- a) fixed rings; or
- b) pressure release rings.

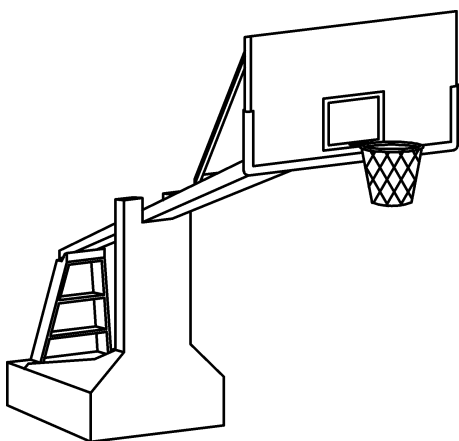


Figure 1 — Example of type 1

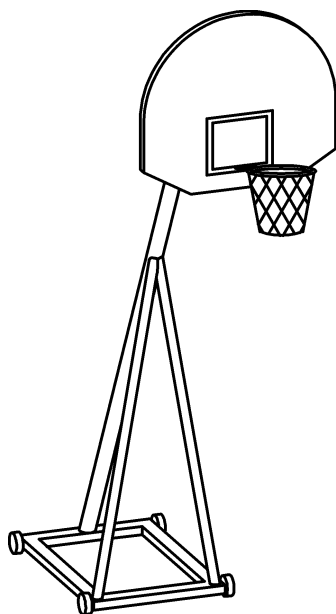


Figure 2 — Example of type 2

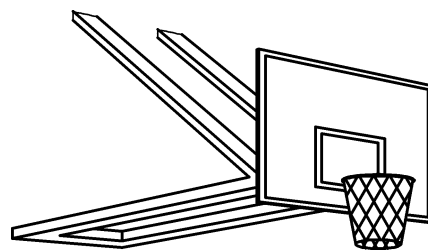


Figure 3 — Example of type 3

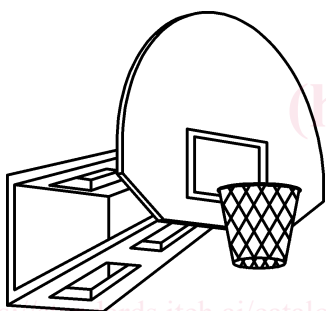


Figure 4 — Example of type 4

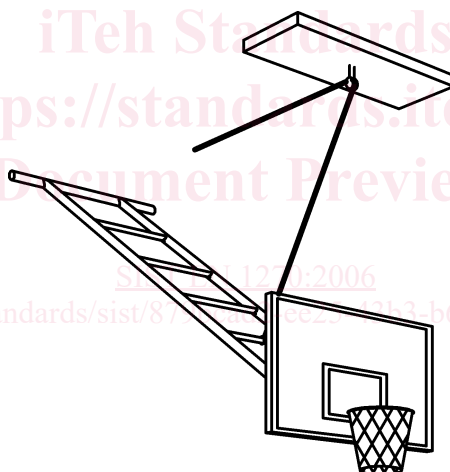


Figure 5 — Example of type 5

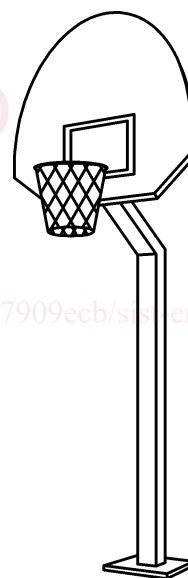


Figure 6 — Example of type 6

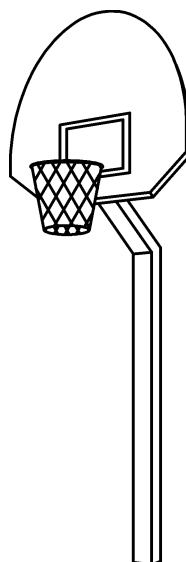


Figure 7 — Example of type 7

3.2 Dimensions

Basketball equipment shall comply with the dimensions shown in figures 8 to 11 and tables 3 and 4.

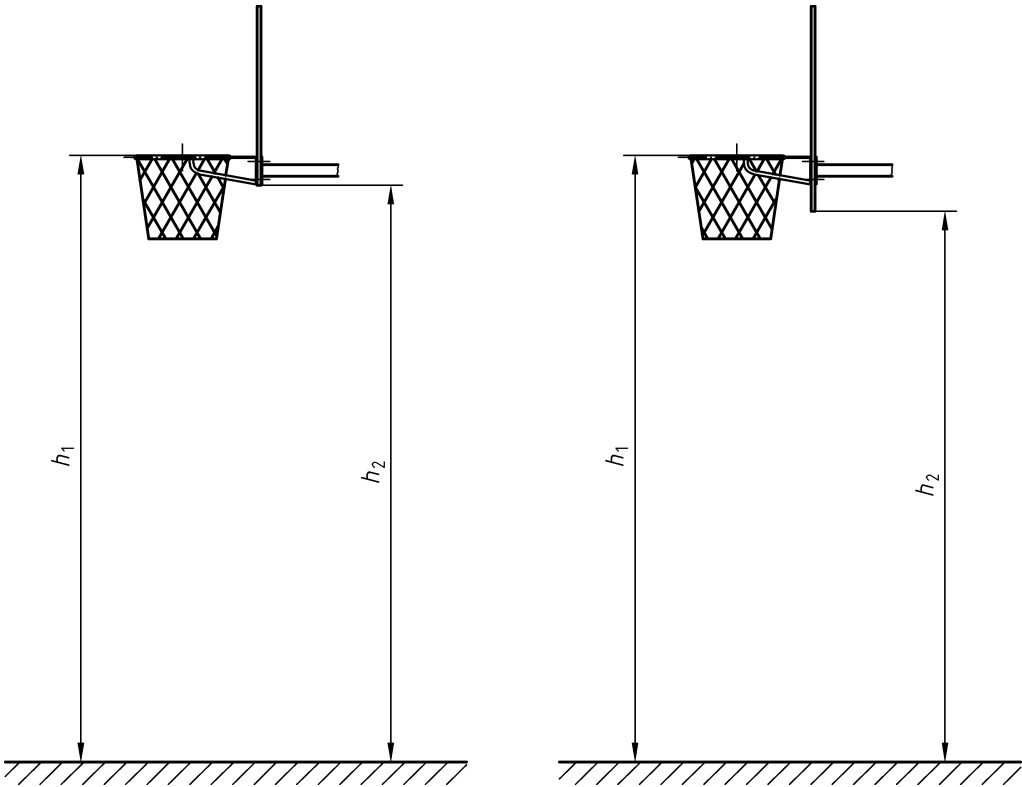
A complete set of basketball equipment shall have the following components:

- a) 1 backboard;
- b) 1 ring;
- c) 1 net;
- d) the supporting frame;
- e) stability devices.

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a) Backboard 1 800 mm × 1 050 mm b) Backboard 1 800 mm × 1 200 mm

Figure 8 — Main functional dimensions for classes A to D

Table 3 — Main functional dimensions for classes A to D

Dimensions in millimetres

Nominal size	Nominal dimension		Type
	h_1 ± 6	h_2 ± 6	
3 050	3 050	2 900 (2 750) ^a	1 to 7
3 050/2 600	2 600	2 450 (2 300) ^a	8
^a for backboard height = 1 200 mm			