



## Tělocvičné nářadí - Hrazda - Bezpečnostní požadavky a zkušební metody

Srpen 1998

**ČSN  
EN 12 197**

94 0345

Gymnastic equipment - Horizontal bars - Safety requirements and test methods

Matériel de gymnastique - Barres fixes - Exigences de sécurité et méthodes d'essai

Turngeräte - Reck - Sicherheitstechnische Anforderungen und Prüfverfahren

Tato norma přejímá anglickou verzi evropské normy EN 12197:1997. Evropská norma EN 12197:1997 má status české technické normy.

This standard implements the English version of European Standard EN 12197:1997. The European Standard EN 12197:1997 has the status of a Czech Standard.

© Český normalizační institut, 1998

Podle zákona č. 22/1997 Sb. smějí být české technické normy rozmnožovány a rozšiřovány jen se souhlasem Českého normalizačního institutu.

53051

Strana 2

### Národní předmluva

### Citované normy

EN 913:1996 zavedena v ČSN EN 913 Tělocvičné nářadí - Základní bezpečnostní požadavky a zkušební metody(94 0303)

## **Vypracování normy**

Zpracovatel: VELNOR, spol. s r.o., Brno, IČO 44016174, Ing. Eva Velešíková

Pracovník Českého normalizačního institutu: Luboš Ptáček

Strana 3

---

**EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM**

---

**EN 12197  
June 1997**

---

ICS 97.220.30

Descriptors: sports equipment, gymnastic equipment, horizontal bars, classifications, dimensions, safety, specifications, stability, rigidity, marking, technical notices

English version

### **Gymnastic equipment - Horizontal bars - Safety requirements and test methods**

Matériel de gymnastique - Barres fixes - Exigences de sécurité et méthodes d'essai

Turngeräte - Reck - Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 1997-05-16. 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.

The European Standards exist 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 Republik, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

## **CEN**

European Committee for Standardization

Comité Européen de Normalisation

Europäisches Komitee für Normung

**Central Secretariat: rue de Stassart, 36 B - 1050 Brussels**

---

(C) 1997 CEN - All rights of exploitation in any form any by any means reserved worldwide for CEN national Members.

Ref. No. EN 12197:1997 E

Strana 4

---

| <b>Obsah</b>    |  | <b>strana</b> |
|-----------------|--|---------------|
| <b>Contents</b> |  |               |
|                 | Page   |               |
|                 | Foreword   | 2             |
| 1               | Scope  | 3             |
| 2               | Normative references                                       | 3             |
| 3               | Classification   | 3             |
| 4               | Safety requirements  | 4             |
| 5               | Information to be provided by the manufacturer/supplier    | 5             |
| 6               | Marking  | 5             |
|                 | Annex A (informative) Examples of types of bar supports    | 6             |
|                 | Annex B (informative) Examples of fixing points for type 3 | 7             |

## **Foreword**

This European Standard has been prepared by Technical Committee CEN/TC 136 „Sports, playground and other recreational equipment”, the secretariat of which is held by DIN.

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 December 1997, and conflicting national standards shall be withdrawn at the latest by December 1997.

This European Standard is one of a package, each of which deals with a particular type or a particular group of gymnastic equipment.

This European Standard should be read in conjunction with EN 913.

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 Republik, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

---

Strana 5

## **1 Scope**

This standard specifies specific safety requirements (see clause 4) for horizontal bars in addition to the general safety requirements in EN 913.

This European Standard is applicable to three types of horizontal bars (see table 1).

---

-- Vynechaný text --