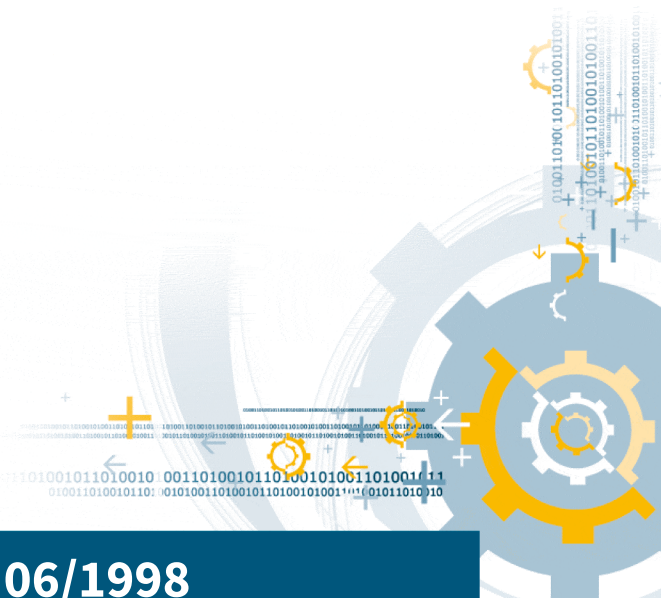


ILNAS

Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 12346:1998



National Foreword

This European Standard EN 12346:1998 was adopted as Luxembourgish Standard ILNAS-EN 12346:1998.

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Descriptors: sport equipment, gymnastic equipment, safety, accident prevention, specifications, dimensions, mechanical strength, tests, marking

English version

Gymnastic equipment - Wall bars, lattice ladders and climbing frames - Safety requirements and test methods

Matériel de gymnastique - Espaliers, échelles et cadres à grimper - Prescriptions de sécurité et méthodes d'essai

Turngeräte - Sprossenwände, Gitterleitern und Kletterrahmen - Sicherheitstechnische Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 6 June 1998.

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.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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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of an identical text or by endorsement, at the latest by December 1998, and conflicting national standards shall be withdrawn at the latest by December 1998.

This European Standard is one of a package, each of which deals with a particular type or a particular group of 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 Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies specific safety requirements for wall bars, lattice ladders and climbing frames in addition to the general safety requirements in EN 913.

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

Gymnastic equipment – General safety requirements and test methods

3 Profile of bars

All bars shall comply with the dimensions specified in figure 1.

Any profile lying between the dimensions shown is acceptable.

Dimensions in millimetres

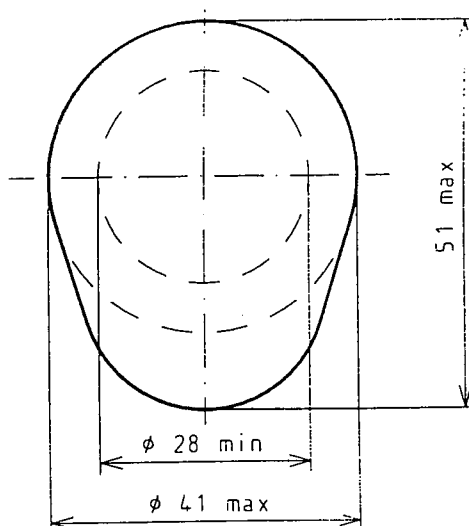


Figure 1: Profile of bar

4 Safety requirements

4.1 General requirements

Wall bars, lattice ladders and climbing frames shall comply with the requirements of EN 913, except insofar as they are modified by this European Standard. Typical examples are shown in figures A.1 to A.4.