



NSAI
Standards

Irish Standard
I.S. EN 914:2008

Gymnastic equipment - Parallel bars and combination asymmetric/parallel bars - Requirements and test methods including safety

I.S. EN 914:2008

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i> I.S. EN 914:1996	<i>This document is based on:</i> EN 914:2008 EN 914:1996	<i>Published:</i> 5 November, 2008 25 October, 1996	
This document was published under the authority of the NSAI and comes into effect on: 8 January, 2009		ICS number: 97.220.30	
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie	Price Code: F
Údarás um Chaighdeáin Náisiúnta na hÉireann			

English Version

**Gymnastic equipment - Parallel bars and combination
asymmetric/parallel bars - Requirements and test methods
including safety**

Matériel de gymnastique - Barres parallèles et barres
parallèles/asymétriques combinées - Exigences et
méthodes d'essai y compris la sécurité

Turngeräte - Barren und kombinierte Stufenbarren/Barren -
Anforderungen und Prüfverfahren einschließlich Sicherheit

This European Standard was approved by CEN on 27 September 2008.

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 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 Management Centre has the same status as the official versions.

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



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Requirements	4
3.1 Classification.....	4
3.2 Dimensions.....	4
4 Safety requirements	6
4.1 General requirements.....	6
4.2 Clear path between uprights	6
4.3 Entrapment	6
4.4 Stability	6
4.5 Vertical stiffness and residual deflection.....	6
4.6 Strength	7
4.7 Rigidity of framework	7
5 Test methods.....	7
5.1 General.....	7
5.2 Determination of the clear path between uprights.....	7
5.2.1 Principle	7
5.2.2 Apparatus	7
5.2.3 Procedure	7
5.2.4 Expression of results	7
5.3 Determination of stability and rigidity	8
5.3.1 Principle	8
5.3.2 Apparatus	8
5.3.3 Test temperature.....	8
5.3.4 Procedure	8
5.3.5 Expression of results	8
5.4 Determination of stiffness and residual deflection	8
5.4.1 Principle	8
5.4.2 Apparatus	9
5.4.3 Test temperature.....	9
5.4.4 Procedure	9
5.4.5 Expression of results	9
5.5 Determination of strength.....	9
5.5.1 Principle	9
5.5.2 Apparatus	9
5.5.3 Test temperature.....	9
5.5.4 Procedure	9
5.5.5 Expression of results	9
6 Instructions for use	10
7 Marking	10
Annex A (informative) Example of a cross section of equipment.....	11

Foreword

This document (EN 914:2008) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and 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 May 2009, and conflicting national standards shall be withdrawn at the latest by May 2009.

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

This document supersedes EN 914:1996.

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

The principal changes from the previous edition of EN 914 are as follows:

- a) the dimensions in Tables 2 and 3 have been adapted;
- b) safety requirements and test methods have been modified;
- c) entrapment has been included;
- d) requirements and test methods for endurance have been deleted.

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

1 Scope

This European Standard specifies functional requirements (see Clause 3) and specific safety requirements in addition to the general safety requirements in EN 913 (see Clause 4), which shall be read in conjunction with this standard.

This European Standard is applicable to 2 types of parallel bars (see Table 1) intended for use under supervision of a competent person.

2 Normative references

The following referenced documents are indispensable for the application 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 913, *Gymnastic equipment — General safety requirements and test methods*

3 Requirements

3.1 Classification

Parallel bars and combination asymmetric parallel bars shall be classified by the design (types and sizes) as shown in Table 1.

Table 1 — Types

Type	Size	Description
1	1 and 2	parallel bars
2	—	combination asymmetric/parallel bars

3.2 Dimensions

All parallel bars and asymmetric/parallel bars shall comply with the dimensions specified in Table 2 and Figures 1 and 2.

Suitable profiles are defined in Figure 2.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-