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DIN EN 1729-1



ICS 97.140

Supersedes
DIN EN 1729-1:2006-09 and
DIN ISO 5970:1981-01

**Furniture –
Chairs and tables for educational institutions –
Part 1: Functional dimensions;
English version EN 1729-1:2015,
English translation of DIN EN 1729-1:2016-02**

Möbel –
Stühle und Tische für Bildungseinrichtungen –
Teil 1: Funktionsmaße;
Englische Fassung EN 1729-1:2015,
Englische Übersetzung von DIN EN 1729-1:2016-02

Ameublement –
Sièges et tables pour établissements d'enseignement –
Partie 1: Dimensions fonctionnelles;
Version anglaise EN 1729-1:2015,
Traduction anglaise de DIN EN 1729-1:2016-02

Document comprises 72 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN 1729-1:2015) has been prepared by Technical Committee CEN/TC 207 “Furniture”, (Secretariat: UNI, Italy).

The responsible German body involved in its preparation was *DIN-Normenausschuss Holzwirtschaft und Möbel* (DIN Standards Committee Timber and Furniture), Working Committee NA 042-05-05 AA *Anforderungen an Schulmöbel, SpA CEN/TC 207/WG 6*.

Amendments

This standard differs from DIN EN 1729-1:2006-09 and DIN ISO 5970:1981-01 as follows:

- a) measurements have been simplified since they are now made by means of the school chair measuring device;
- b) an annex for the functional dimensions of tall chairs (Annex D) has been included;
- c) an annex for the functional dimensions of stools and associated worksurfaces (Annex E) has been added;
- d) the key dimensions of chairs given in Annexes A and D are measured using the school chair measuring device (see Annex F), some of them when the chair is loaded with specified loads;
- e) a rationale for the functional dimensions of chairs and tables has been provided (Annex I).

Previous editions

DIN 68970: 1974-11
DIN ISO 5970: 1981-01
DIN V ENV 1729-1: 2001-12
DIN EN 1729-1: 2006-09

English Version

Furniture - Chairs and tables for educational institutions - Part 1: Functional dimensions

Ameublement - Sièges et tables pour établissements
d'enseignement - Partie 1 : Dimensions fonctionnelles

Möbel - Stühle und Tische für Bildungseinrichtungen -
Teil 1: Funktionsmaße

This European Standard was approved by CEN on 3 October 2015.

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European foreword

This document (EN 1729-1:2015) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

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 2016 and conflicting national standards shall be withdrawn at the latest by June 2016.

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 1729-1:2006.

Compared to EN 1729-1:2006, the following modifications have been made:

- a) addition of an annex for functional dimensions of tall chairs (Annex D);
- b) addition of an annex for functional dimensions of stools and associated worksurfaces (Annex E);
- c) key dimensions of chairs in Annexes A and D are measured using the school chair measuring device (see Annex F), some of them when the chair is loaded with specified loads;
- d) a rationale for the functional dimensions of chairs and tables is provided (Annex I).

EN 1729 is composed of the following parts:

- *Part 1: Functional dimensions* [the present document];
- *Part 2: Safety requirements and test methods*.

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, 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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This part of EN 1729 is based on the principle that chairs and tables, intended for use in educational institutions for general-purpose education, should be designed to encourage good postures.

This part of EN 1729 takes selected national standards into consideration.

It does not specify design, but only those dimensions which promote good posture for either fixed or adjustable furniture. The dimensional requirements of this European Standard permit various interpretations of design; hence customs, educational practices, technical and financial circumstances of individual countries can be satisfied. It includes a rationale for the determination of functional dimensions.

The minimum dimensions specified are considered as the absolute minimum. They can be exceeded. The maximum dimensions specified are considered as the absolute maximum; smaller dimensions can be used.

EN 1729-2 specifies safety requirements and test methods.