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**BS EN 527-2:2016**



**BSI Standards Publication**

## **Office furniture — Work tables**

Part 2: Safety, strength and durability requirements

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This British Standard is the UK implementation of EN 527-2:2016. It supersedes BS EN 527-2:2002 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee FW/0/3, Office Furniture.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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## Office furniture - Work tables - Part 2: Safety, strength and durability requirements

Mobilier de bureau - Tables de travail de bureau -  
Partie 2 : Exigences de sécurité, de résistance et de  
durabilité

Büromöbel - Büro-Arbeitstische - Teil 2:  
Anforderungen an die Sicherheit, Festigkeit und  
Dauerhaltbarkeit

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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-CENELEC Management Centre or to any CEN member.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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| <b>Contents</b>  |   | Page |
|--|---|------|
| <b>European foreword</b> .....   |   | 3    |
| <b>1</b>   | <b>Scope</b> .....  | 4    |
| <b>2</b>   | <b>Normative references</b> .....   | 4    |
| <b>3</b>   | <b>Terms and definitions</b> .....  | 4    |
| <b>4</b>   | <b>Safety requirements</b> .....  | 4    |
| <b>4.1</b>   | <b>General</b> .....  | 4    |
| <b>4.2</b>   | <b>Shear and squeeze points</b> .....                                       | 5    |
| <b>4.2.1</b>   | <b>Shear and squeeze points when setting up and folding</b> .....           | 5    |
| <b>4.2.2</b>   | <b>Shear and squeeze points under influence of powered mechanisms</b> ..... | 5    |
| <b>4.2.3</b>   | <b>Shear and squeeze points during use</b> .....                            | 5    |
| <b>4.3</b>   | <b>Stability requirements</b> .....   | 5    |
| <b>4.4</b>   | <b>Structural safety requirements</b> .....                                 | 5    |
| <b>5</b>   | <b>Strength and durability</b> .....  | 5    |
| <b>5.1</b>   | <b>General</b> .....  | 5    |
| <b>Table 1 — Test sequence and parameters</b> .....                      |   | 6    |
| <b>5.2</b>   | <b>Requirements</b> .....   | 8    |
| <b>6</b>   | <b>Information for use</b> .....  | 8    |
| <b>7</b>   | <b>Test report</b> .....  | 8    |
| <b>Annex A (informative) Test for the deflection of table tops</b> ..... |   | 9    |
| <b>Annex B (informative) Stiffness of the structure - example</b> .....  |   | 10   |
| <b>Figure B.1 — Stiffness of the structure</b> .....                     |   | 10   |

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## European foreword

This document (EN 527-2:2016) 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 2017, and conflicting national standards shall be withdrawn at the latest by June 2017.

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

This document supersedes EN 527-2:2002.

Compared to the previous version, modifications are:

- Test sequence and parameters are included, according to tests in EN 1730:2012 instead of EN 527-3:2003, which will be withdrawn;
- Suppression of A-deviation;
- Addition of an Annex B (informative) for an example of calculation for stiffness of the structure.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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.

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## 1 Scope

This European Standard specifies safety, strength and durability requirements for work tables and desks for office tasks to be undertaken in a seated, a sit-stand or standing position.

It does not apply to other tables in the office area, which are covered by EN 15372.

Annex A (informative) contains a test for the deflection of tables tops.

Annex B (informative) contains an example of calculation of the stiffness of the structure.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1730:2012, *Furniture - Tables - Test methods for the determination of stability, strength and durability*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

### 3.1

#### **accessible part**

part to which access can easily be gained by the user when the table is in its intended configuration of use and for which the probability of unintentional user contact is high

### 3.2

#### **part accessible during setting up and folding**

part to which access can only be gained when setting up and folding the table

### 3.3

#### **shear and squeeze point**

gap which can cause harm to fingers and which occurs when two accessible parts move relative to each other

### 3.4

#### **overturn**

event at which a table pivots to a point beyond which the table continues to fall

## 4 Safety requirements

### 4.1 General

The table shall be designed so as to minimize the risk of injury to the user.

All parts of the table with which the user comes into contact during intended use, shall be designed so that physical injury and damage are avoided.

These requirements are fulfilled when:

- a) all accessible edges and corners are free from burrs and rounded or chamfered;
- b) the edges and corners of the top surfaces are chamfered not less than 1 mm by 1 mm or rounded with a radius of not less than 2 mm;