

## **Building hardware - Padlocks and padlock fittings - Requirements and test methods**

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Requirements and test methods

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12320:2001 sisaldab Euroopa standardi EN 12320:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.06.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12320:2001 consists of the English text of the European standard EN 12320:2001.</p> <p>This document is endorsed on 18.06.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> This European Standard specifies performance requirements and describes test methods for strength, security and function of padlocks and padlock fittings used in building applications, but excluding cables and chains.</p>	<p><b>Scope:</b> This European Standard specifies performance requirements and describes test methods for strength, security and function of padlocks and padlock fittings used in building applications, but excluding cables and chains.</p>
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**ICS 91.190**

**Võtmesõnad:** form on supply, hardware, inspection, ironmongery (buildings), locks, mass, materials, padlocks, quality assurance, safety requirements, shipbuilding, specification (approval), specifications, symbols, testing, types, weight, weights

**English version**

Building hardware

**Padlocks and padlock fittings**  
Requirements and test methods

Quincaillerie pour le bâtiment –  
Cadenas et porte-cadenas –  
Prescriptions et méthodes d'essai

Baubeschläge – Hangschlösser  
und Hangschlossbeschläge –  
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 2000-12-06.

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 Management Centre 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 Management Centre has the same status as the official versions.

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

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

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

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## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 33 "Doors, windows, shutters, building hardware and curtain walling", the secretariat of which is held by AFNOR.

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 July 2001, and conflicting national standards shall be withdrawn at the latest by July 2001.

This European Standard is one of a series of European Standards dedicated to building hardware products.

Test methods are specified in detail to ensure reproducibility at any testing establishment within Europe, and acceptance criteria are defined objectively to ensure consistency of assessment.

Annexes A and B are normative.

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 performance requirements and describes test methods for strength, security, function and corrosion of padlocks and padlock fittings used in building applications, but excluding cables and chains.

Requirements which relate to security are classified in six grades, based on performance tests that simulate attack.

Human intervention test, durability test, manipulation and picking tests are not included in this standard.

## 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 (including amendments).

EN 1670:1998, Building hardware - Corrosion resistance — Requirements and test methods.

EN 10025, *Hot rolled products of non-alloy structural steels — Technical delivery conditions*.

## 3 Definitions and symbols

### 3.1 Definitions

For the purposes of this European Standard, the following definitions apply.

#### 3.1.1

##### **cam**

part of the key mechanism which operates the locking mechanism.