SLOVENSKI STANDARD
SIST EN 13126-14:2012

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Nadomešča:
SIST-TS CEN/TS 13126-14:2005

Stavbno okovje - Okovje za okna in balkonska vrata - Zahteve in preskusne metode - 14. del: Sponka drsnih oken

Building hardware - Hardware for windows and balcony doors - Requirements and test methods - Part 14: Sash fasteners

Baubeschläge - Beschläge für Fenster und Fenstertüren - Anforderungen und Prüfverfahren - Teil 14: Einreiberverschlüsse für Schiebefenster

Quincaillerie pour le bâtiment - Ferrures de fenêtres et portes-fenêtres - Exigences et méthodes d'essai - Partie 14: Verrouillages à came

Ta slovenski standard je istoveten z: **EN 13126-14:2012**

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91.190	Stavbna oprema	Building accessories

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EUROPEAN STANDARD

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EN 13126-14

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ICS 91.190

Supersedes CEN/TS 13126-14:2004

English Version

Building hardware - Hardware for windows and balcony doors - Requirements and test methods - Part 14: Sash fasteners

Quincaillerie pour le bâtiment - Ferrures de fenêtres et portes-fenêtres - Exigences et méthodes d'essai - Partie 14: Verrouillages à came

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This European Standard was approved by CEN on 23 March 2012.

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

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Foreword

This document (EN 13126-14:2012) 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of an identical text or by endorsement, at the latest by November 2012, and conflicting national standards shall be withdrawn at the latest by November 2012.

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 CEN/TS 13126-14:2004.

The following is a list of the technical changes made since the previous edition of this standard, organised according to their relevant clauses:

a) Clause 3, Terms and definitions:

1) Definition of "Pull-in" added as 3.2;

b) Clause 4, Classification:

1) Example of classification added in 4.11;

c) Clause 5, Requirements:

1) Requirements in the whole of Clause 5: completely revised;

d) Clause 7, Test methods

1) Test methods in whole Clause 7: completely revised;

2) Reduction in force from 40 N to 20 N in 7.3.1;

3) Reduction in force from 40 N to 20 N in 7.3.2;

4) Reduction in force from 40 N to 20 N in 7.3.3;

5) Reduction in force from 40 N to 20 N in 7.4.

A full contribution to the preparation of this European Standard has been made by the European manufacturers´ organisation ‘ARGE’ and National Standards institutions.

This European Standard is one of a series of European Standards for building hardware products. It is divided into seventeen parts to incorporate all types of windows and balcony doors:

— EN 13126-1, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 1: Requirements common to all types of hardware*;

— EN 13126-2, *Building hardware — Requirements and test methods for windows and doors height windows — Part 2: Window fastener handles*;

— EN 13126-3, *Building hardware — Hardware for windows and door-height windows — Requirements and test methods — Part 3: Handles, primarily for Tilt&Turn, Tilt-First and Turn-Only hardware*;

— EN 13126-4, *Building hardware — Requirements and test methods for windows and doors height windows — Part 4: Espagnolettes*;

— EN 13126-5, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 5: Devices that restrict the opening of windows and door height windows*;

— EN 13126-6, *Building hardware — Requirements and test methods for windows and doors height windows — Part 6: Variable geometry stay hinges (with or without a friction stay)*;

— EN 13126-7, *Building hardware — Requirements and test methods for windows and door height windows — Part 7: Finger catches*;

— EN 13126-8, *Building hardware — Requirements and test methods for windows and doors height windows — Part 8: Tilt&Turn, Tilt-First and Turn-Only hardware*;

— prEN 13126-9, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 9: Hardware for horizontal and vertical pivot windows*;

— EN 13126-10, *Building hardware — Requirements and test methods for windows and doors height windows — Part 10: Arm-balancing systems*;

— EN 13126-11, *Building hardware — Requirements and test methods for windows and doors height windows — Part 11: Top hung projecting reversible hardware*;

— EN 13126-12, *Building hardware — Requirements and test methods for windows and doors height windows — Part 12: Side hung projecting reversible hardware*;

— EN 13126-13, *Building hardware — Hardware for windows and balcony doors — Part 13: Requirements and test methods — Sash balances*;

— EN 13126-14, *Building hardware — Hardware for windows and balcony doors — Requirements and test methods — Part 14: Sash fasteners*;

— EN 13126-15, *Building hardware — Requirements and test methods for windows and doors height windows — Part 15: Rollers for horizontal sliding and sliding folding windows and doors*;

— EN 13126-16, *Building hardware — Requirements and test methods for windows and doors height windows — Part 16: Hardware for Lift&Slide windows and doors*;

— EN 13126-17, *Building hardware — Requirements and test methods for windows and doors height windows — Part 17: Hardware for Tilt&Slide windows and doors*;

— prEN 13126-18, *Building hardware — Specifications for the fittings for the operation of windows and door height windows — Part 18: Requirements and test procedures for durability, strength, security and functionality of Fan light openers for windows and door height windows*;

— EN 13126-19, *Building hardware — Requirements and test methods for windows and door height windows — Part 19: Sliding Closing Devices*.

Informative Annex A of EN 13126-1:2011 gives detailed schedules of the elements of components of the seventeen parts of this European Standard.

Informative Annex B of EN 13126-1:2011 details, in connection with Annex A of the same standard, the concerned parts and their reference to the relevant widow types.

Normative and informative annexes to all parts of this European Standard are indicated in the contents of the seventeen parts.

The performance tests incorporated in this standard are considered to be reproducible and as such will provide a consistent and objective assessment of the performance of these products throughout CEN-CENELEC Member States.

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, 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.

1 Scope

This European Standard specifies requirements and test methods for durability, strength, security and function of sash fasteners for windows and door height windows.

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 1670, *Building hardware — Corrosion resistance — Requirements and test methods*

EN 12519:2004, *Windows and pedestrian doors — Terminology*

EN 13126-1:2011, *Building hardware — Requirements and test methods for windows and doors height windows — Part 1: Requirements common to all types of hardware*

ISO 4520, *Chromate conversion coatings on electroplated zinc and cadmium coatings*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13126-1:2011 and EN 12519:2004 and the following apply.

3.1
sash fastener

device to secure, in the closed position, the sashes of a double or single hung vertically sliding window and the sashes of a horizontally sliding window

3.2
pull-in
distance the sashes are moved towards each other during operation of a sash fastener from a fully open to a fully closed position

4 Classification

4.1 General

The classification for sash fasteners shall be in accordance with the requirements of Clause 4 of EN 13126-1:2011.

4.2 Category of use (1 – first digit)

No marking is required for the category of use in accordance with 4.2 of EN 13126-1:2011.

4.3 Durability (2 – second digit)

Grades shall be in accordance with 4.3 of EN 13126-1:2011 and 5.2 of this standard.

4.4 Mass (3 – third digit)

Grades shall be in accordance with 4.4 of EN 13126-1:2011.

4.5 Fire resistance (4 – fourth digit)

One grade shall be identified in accordance with 4.5 of EN 13126-1:2011.

— grade 0: no requirements.

4.6 Safety in use (5 – fifth digit)

One grade shall be identified in accordance with 4.6 of EN 13126-1:2011.

— grade 1: The hardware shall conform to the requirements of EN 13126-1 and this standard.

4.7 Corrosion resistance (6 – sixth digit)

Grades shall be in accordance with 4.7 of EN 13126-1:2011.

4.8 Security (7 – seventh digit)

No marking is required for the category of security in accordance with 4.8 of EN 13126-1:2011.

4.9 Application (8 – eighth digit)

The eighth digit shows “14”, indicating the part of the standard that was used for testing the sash fasteners in accordance with 4.9 of EN 13126-1:2011.

4.10 Test sizes – Size limitations (9 – ninth digit)

The ninth digit shows the test sizes in accordance with 4.10 of EN 13126-1:2011 as follows:

S.W. [1)] in mm / S.H. [2)] in mm

EXAMPLE 600 S.W. x 1 200 S.H.

NOTE The specified size is a test size only. It does not relate to the maximum size to which a window may be fabricated.

4.11 Example of classification for sash fasteners

1	2	3	4	5	6	7	8	9
-	**5**	**040**	**0**	**1**	**3**	**-**	**14**	**600/1 200**

The example above denotes a sash fastener, which has the following classifications:

— Digit 1 category of use (no requirements)

1) S.W. = sash width

2) S.H. = sash height