

STN	Stavebné kovanie Kovanie na okná a balkónové dvere Požiadavky a skúšobné metódy Časť 15: Kladky na horizontálne kĺzanie a kovanie na posuvné skladacie zhybové okná	STN EN 13126-15 16 6015
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Building hardware - Hardware for windows and door height windows - Requirements and test methods - Part 15: Rollers for horizontal sliding and hardware for sliding folding windows

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Building hardware - Hardware for windows and door
height windows - Requirements and test methods - Part
15: Rollers for horizontal sliding and hardware for sliding
folding windows

Quincaillerie pour le bâtiment - Ferrures de fenêtres et
portes-fenêtres - Exigences et méthodes d'essai - Partie
15 : Roulements pour fenêtres coulissantes à
l'horizontale et ferrures pour fenêtres coulissantes en
accordéon

Baubeschläge - Beschläge für Fenster und Fenstertüren
- Anforderungen und Prüfverfahren - Teil 15:
Laufwagen für Horizontalschiebe- und Beschläge für
Faltschiebe-Fenster

This European Standard was approved by CEN on 8 March 2019.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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EN 13126-15:2019 (E)**European foreword**

This document (EN 13126-15:2019) 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of an identical text or by endorsement, at the latest by October 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

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 13126-15:2008.

With regard to EN 13126-15:2008, the following significant changes were made:

- EN 13126-15 now is independent from EN 13126-1; all necessary information is included without the need of any further information from EN 13126-1;
- several editorial changes in the wording for a better understanding;
- new terms and definitions added under 3.6 - 3.11;
- under 4.1 classification system changed completely; former digits 1 (Category of use), 4 (Fire resistance), 5 (Safety in use) and 7 (Security) deleted; former digit 2 changed into box 1 (Durability), former digit 3 changed into box 2 (Mass), former digit 6 changed into box 3 (Corrosion resistance), former digit 9 changed into box 4 (Test sizes) and former digit 8 (application) transferred into box 5 (application);
- under 4.2 new grades for the number of cycles defined; H1 (5 000), H2 (10 000) and H3 (20 000);
- under 4.7 new example of classification added in accordance with the new classification system; 2 alternative ways (table or alphanumerical) to show the classification defined;
- under 5.2.1 and 7.3.1 for hardware for window type N travel length changed from 800 mm to 1 000 mm
- under Clause 6 “Test equipment and preparation for the test” additional information added for the test rig (6.1), the specimen (6.2) and the mounting of the specimen (6.3);
- under 6.2 “Specimen” the use of gaskets added in the description;
- under 7.2 “Procedure” new subclause 7.2.1 “General”, 7.2.2 “Adjusting the test mass ” and 7.2.3 “Lubrication and adjustment of hardware” added with additional information, mainly from the current version of part 1;
- under 7.3 “Durability test” procedure modified to ensure better correlation with the test procedure described in EN 1191:2012;
- under 7.3.2.3 procedure for “locking cycles” added

- under 8 new clause added regarding marking with information from the current version of EN 13126-1;

This European standard is one of a series of European standards for building hardware products for windows and door height windows. This European standard is independent of EN 13126-1.

EN 13126 consists of the following parts:

- *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 1: Requirements common to all types of hardware;*
- *Building hardware — Requirements and test methods for windows and doors height windows — Part 2: Window fastener handles;*
- *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;*
- *Building hardware — Requirements and test methods for windows and doors height windows — Part 4: Espagnolettes;*
- *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;*
- *Building hardware — Requirements and test methods for windows and doors height windows — Part 6: Variable geometry stay hinges (with or without a friction stay);*
- *Building hardware — Requirements and test methods for windows and door height windows — Part 7: Finger catches;*
- *Building hardware — Hardware for windows and door height windows — Part 8: Requirements and test methods for Tilt and Turn, Tilt-First and Turn-Only hardware;*
- *Building hardware — Requirements and test methods for windows and door height windows — Part 9: Hardware for horizontal and vertical pivot windows;*
- *Building hardware — Requirements and test methods for windows and doors height windows — Part 10: Arm-balancing systems;*
- *Building hardware — Requirements and test methods for windows and doors height windows — Part 11: Top hung projecting reversible hardware;*
- *Building hardware — Requirements and test methods for windows and doors height windows — Part 12: Side hung projecting reversible hardware;*
- *Building hardware — Hardware for windows and balcony doors — Requirements and test methods — Part 13: Sash balances;*
- *Building hardware — Hardware for windows and balcony doors — Requirements and test methods — Part 14: Sash fasteners;*
- *Building hardware — Hardware for windows and doors height windows — Requirements and test methods — Part 15: Rollers for horizontal sliding and hardware for sliding folding windows;*

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- *Building hardware — Hardware for windows and doors height windows — Requirements and test methods — Part 16: Hardware for Lift and Slide windows;*
- *Building hardware — Hardware for windows and doors height windows — Requirements and test methods — Part 17: Hardware for Tilt and Slide windows;*
- *Building hardware — Requirements and test methods for windows and door height windows — Part 19: Sliding Closing Devices.*

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

A full contribution to the preparation of this European standard has been made by the European manufacturer's organization 'ARGE' and National Standards institutions.

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

1 Scope

This document specifies requirements and test methods for durability, strength, security and function of rollers for horizontal sliding and hardware for inward or outward sliding folding windows and door height windows in accordance with common application as shown in Figures C.1 to C.7 in informative Annex C. This document is applicable to rollers irrespective of whether they are adjustable or not and irrespective of the method or type of fixing or if they are used independently, or in multiples or combinations.

All components of the hardware (e.g. guide tracks, lateral guides, rails, hinges) used while testing the rollers for sliding folding windows and door height windows (window types Q, R and S) are considered to be part of the complete sliding folding hardware set.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1670, *Building hardware — Corrosion resistance — Requirements and test methods*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN