



BSI Standards Publication

Building hardware — Hardware for windows and door height windows — Requirements and test methods

Part 10: Arm-balancing systems

National foreword

This British Standard is the UK implementation of EN 13126-10:2025. It supersedes BS EN 13126-10:2008, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/538, Doors, windows, shutters, hardware and curtain walling.

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

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Date	Text affected
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English Version

Building hardware - Hardware for windows and door
height windows - Requirements and test methods - Part
10: Arm-balancing systems

Quincaillerie pour le bâtiment - Exigences et méthodes
d'essai des ferrures de fenêtres et portes-fenêtres -
Partie 10: Compas à projection

Baubeschläge - Beschläge für Fenster und Fenstertüren
- Anforderungen und Prüfverfahren - Teil 10:
Senkklapplügelssysteme

This European Standard was approved by CEN on 24 November 2025.

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Contents

Page

European foreword	3
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions	5
4 Classification.....	5
4.1 General.....	5
4.2 Durability (1 – first box).....	6
4.3 Mass (2 – second box).....	6
4.4 Corrosion resistance (3 – third box)	6
4.5 Test sizes (4 – fourth box).....	6
4.6 Type of arm-balancing system (5 – fifth box)	6
4.7 Example of classification for arm-balancing systems (EN 13126-10)	7
5 Requirements.....	7
5.1 Dangerous substances.....	7
5.2 Durability	7
5.3 Static load test.....	7
5.4 Corrosion resistance.....	8
6 Test equipment and preparation of the test	8
6.1 Test-rig.....	8
6.2 Specimen.....	8
7 Test procedure.....	9
7.1 Test samples / specimen	9
7.2 Durability test	9
7.3 Static load test procedure	9
7.4 Corrosion resistance.....	10
8 Marking	10
Annex A (informative) Figures to test specimen	11
Annex B (normative) Flow chart of test procedure	13
Annex C (informative) Window types.....	14
Bibliography	15

European foreword

This document (EN 13126-10:2025) 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 June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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 13126-10:2008.

EN 13126-10:2025 includes the following significant technical changes with respect to EN 13126-10:2008:

- EN 13126-10 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;
- terms under 3.3 'specimen', 3.4 'sample', and 3.5 'test-rig', 3.6 'test equipment' and 3.7 'supporting sub frame' added;
- under 4.1 classification system changed completely; former digits 1 (Category of use), 4 (Fire resistance), 5 (Safety in use) 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 (Applicable part) changed into box 5 (type), former Digit 7 has been deleted in addition to former digits 1, 4 and 5;
- under 4.2 new Grades for the number of cycles defined; H1 (5 000), H2 (10 000) and H3 (20 000); see also 5.2;
- under 4.6 new subclause added for the type of arm-balancing system;
- under 4.7 new example added for the new classification;
- under 5.2 new Grades for the number of cycles defined; H1 (5 000), H2 (10 000) and H3 (20 000) in accordance with 4.2 established;
- under 5.4. 'Corrosion resistance' new text added;
- under Clause 6 subclauses 6.1 'Test-rig' and 6.2 'Specimen' added or text amended;
- under 7.4 'Corrosion resistance' text modified;
- new Clause 8 'Marking' added;
- Annex C (informative) has been added

The EN 13126 series, under the general title *Building hardware — Hardware for windows and door height windows — Requirements and test methods*, consists of the following parts:

- *Part 1: Requirements common to all types of hardware;*
- *Part 2: Window fastener handles;*
- *Part 3: Handles, primarily for Tilt and Turn, Tilt-First and Turn-Only hardware;*
- *Part 4: Espagnolettes;*
- *Part 5: Devices that restrict the opening of windows and door height windows;*
- *Part 6: Variable geometry stay hinges (with or without a friction stay);*
- *Part 7: Finger catches;*
- *Part 8: Requirements and test methods for tilt and turn, Tilt-First and Turn-Only hardware;*
- *Part 9: Hardware for horizontal and vertical pivot windows;*
- *Part 10: Arm-balancing systems;*
- *Part 11: Top hung projecting reversible hardware;*
- *Part 12: Side hung projecting reversible hardware;*
- *Part 13: Sash balances;*
- *Part 14: Sash fasteners;*
- *Part 15: Rollers for horizontal sliding and hardware for sliding folding windows;*
- *Part 16: Hardware for Lift and Slide windows;*
- *Part 17: Hardware for Tilt and Slide windows;*
- *Part 19: Sliding Closing Devices*

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