

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

EESTI STANDARDI EESSÕNA

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English Version

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

Quincaillerie pour le bâtiment - Ferrures de fenêtres et portes-fenêtres - Exigences et méthodes d'essai - Partie 3: Poignées, ferrures d'oscillo-battant, de battant-oscillant et d'ouvrant pivotant

Baubeschläge - Beschläge für Fenster und Fenstertüren - Anforderungen und Prüfverfahren - Teil 3: Betätigungsgriffe, insbesondere für Drehkipp-, Kippdreh- und Drehbeschläge

This European Standard was approved by CEN on 15 October 2011.

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Foreword

This document (EN 13126-3:2011) has been prepared by Technical Committee CEN/TC “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of an identical text or by endorsement, at the latest by May 2012, and conflicting national standards shall be withdrawn at the latest by May 2012.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 13126-3:2004.

A full contribution to the preparation of this European Standard has been made by the European manufacturers’ organization “ARGE” and national standards bodies.

This European Standard is one of a series of European Standards for building hardware products. It is divided into several parts incorporating all types of hardware for windows and door height windows.

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 Member States.

With the conversion of the CEN/TS into EN the classification, requirements and the test procedure have been revised completely.

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 and the United Kingdom.

1 Scope

This part of EN 13126 specifies the requirements and test procedures for durability, strength, security and functionality of handles.

This European Standard is applicable to Tilt&Turn, Tilt-First and Turn-Only hardware for use on windows and door-height windows.

Handles may also be used on other opening types, e.g. on In-line Sliding, Tilt&Slide, Fold&Slide, horizontal and vertical-pivoting windows.

This European Standard is not applicable to the following hardware:

- a) operation devices and door handles for door latches and door locks (refer to EN 1906);
- b) handles with handle length > 170 mm (refer to Figure B.1);
- c) electromechanical hardware.

2 Normative references

The following referenced documents are indispensable for the application 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 13126-1, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 1: Requirements common to all types of hardware*

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

EN ISO/IEC 17025, *General requirements for the competence of testing and calibration laboratories (ISO/IEC 17025:2005)*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13126-1 and EN 13126-8 and the following apply.

3.1

handle

operating device with or without click mechanism, and where applicable with locking mechanism, with which the window hardware can be mechanically operated

3.2

window handle

operating mechanism with which the window hardware can be mechanically operated and a spindle that serves as the connecting element