



NSAI
Standards

Irish Standard
I.S. EN ISO 20126:2012&A1:2018

Dentistry - Manual toothbrushes - General requirements and test methods (ISO 20126:2012)

I.S. EN ISO 20126:2012&A1:2018

Incorporating amendments/corrigenda/National Annexes issued since publication:

EN ISO 20126:2012/A1:2018

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National Foreword

I.S. EN ISO 20126:2012&A1:2018 is the adopted Irish version of the European Document EN ISO 20126:2012, Dentistry - Manual toothbrushes - General requirements and test methods (ISO 20126:2012)

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EUROPEAN STANDARD

EN ISO 20126:2012/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2018

ICS 97.170

English Version

Dentistry - Manual toothbrushes - General requirements
and test methods - Amendment 1 (ISO 20126:2012/Amd
1:2018)

Médecine bucco-dentaire - Brosses à dents manuelles -
Exigences générales et méthodes d'essai -
Amendement 1 (ISO 20126:2012/Amd 1:2018)

Zahnheilkunde - Handzahnbürsten - Allgemeine
Anforderungen und Prüfverfahren (ISO
20126:2012/Amd 1:2018)

This amendment A1 modifies the European Standard EN ISO 20126:2012; it was approved by CEN on 1 March 2018.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 20126:2012/A1:2018 (E)

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European foreword

This document (EN ISO 20126:2012/A1:2018) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" the secretariat of which is held by DIN.

This Amendment to the European Standard EN ISO 20126:2012 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2018, and conflicting national standards shall be withdrawn at the latest by August 2018.

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.

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Endorsement notice

The text of ISO 20126:2012/Amd 1:2018 has been approved by CEN as EN ISO 20126:2012/A1:2018 without any modification.

EUROPEAN STANDARD

EN ISO 20126

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2012

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English Version

Dentistry - Manual toothbrushes - General requirements and test methods (ISO 20126:2012)

Médecine bucco-dentaire - Brosses à dents manuelles -
Exigences générales et méthodes d'essai (ISO
20126:2012)

Zahnheilkunde - Handzahnbürsten - Allgemeine
Anforderungen und Prüfverfahren (ISO 20126:2012)

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EN ISO 20126:2012 (E)

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Foreword

This document (EN ISO 20126:2012) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" the secretariat of which is held by DIN.

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Endorsement notice

The text of ISO 20126:2012 has been approved by CEN as a EN ISO 20126:2012 without any modification.

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INTERNATIONAL STANDARD

**ISO
20126**

Second edition
2012-01-15

Dentistry — Manual toothbrushes — General requirements and test methods

*Médecine bucco-dentaire — Brosses à dents manuelles — Exigences
générales et méthodes d'essai*



Reference number
ISO 20126:2012(E)

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ISO 20126:2012(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 20126 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 7, *Oral care products*.

This second edition cancels and replaces the first edition (ISO 20126:2005), which has been technically revised.

The significant difference between this second edition and the first edition is:

- a requirement (4.6) and a test (5.7) for handle impact resistance have been added.

Introduction

Manual toothbrushes are used for the removal of dental plaque and oral debris in order to facilitate oral hygiene. This International Standard is intended to determine the physical properties of manual toothbrushes, including impact resistance.

Specific qualitative and quantitative requirements for freedom from biological hazards are not included in this International Standard. It is recommended that, in assessing possible biological hazards, reference be made to ISO 7405 and ISO 10993-1.

Dentistry — Manual toothbrushes — General requirements and test methods

1 Scope

This International Standard specifies requirements and test methods for the physical properties of manual toothbrushes in order to promote the safety of these products for their intended use.

This International Standard does not apply to manual interdental brushes and powered oral hygiene devices, as these instruments are covered by separate International Standards.

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.

ISO 1942, *Dentistry — Vocabulary*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

ISO 22254, *Dentistry — Manual toothbrushes — Resistance of tufted portion to deflection*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942 and ISO 22254 and the following apply.

3.1

manual toothbrush

hand-powered device, the working end of which carries filaments primarily for cleaning surfaces within the oral cavity

NOTE Adapted from ISO 22254:2005, definition 3.1.

3.2

brush head

working end of a manual toothbrush to which the filaments are attached

NOTE Adapted from ISO 22254:2005, definition 3.2.

3.3

filament

single strand within the brush head

[ISO 22254:2005, definition 3.3]

3.4

tuft

group of filaments gathered together and attached to the brush head

[ISO 22254:2005, definition 3.4]

3.5

tuft-removal force

force required to remove one tuft from the brush head

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