



SLOVENSKI STANDARD SIST EN ISO 7551:2023

01-september-2023

Zobozdravstvo - Endodontska vpojna sredstva (ISO 7551:2023)

Dentistry - Endodontic absorbent points (ISO 7551:2023)

Zahnheilkunde - Absorbierende Spitzen (ISO 7551:2023)

Médecine bucco-dentaire - Cônes absorbants utilisés en endodontie (ISO 7551:2023)

Ta slovenski standard je istoveten z: EN ISO 7551:2023

<https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023>

ICS:

11.060.10 Zobotehnični materiali Dental materials

SIST EN ISO 7551:2023

en,fr,de

EUROPEAN STANDARD

EN ISO 7551

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2023

ICS 11.060.10

Supersedes EN ISO 7551:1998

English Version

Dentistry - Endodontic absorbent points (ISO 7551:2023)

Médecine bucco-dentaire - Cônes absorbants utilisés
en endodontie (ISO 7551:2023)

Zahnheilkunde - Absorbierende Spitzen (ISO
7551:2023)

This European Standard was approved by CEN on 3 March 2023.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of 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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

[SIST EN ISO 7551:2023](https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023)

<https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023>



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

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

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 7551:2023](https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023)

<https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023>

European foreword

This document (EN ISO 7551:2023) 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 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 2023, and conflicting national standards shall be withdrawn at the latest by November 2023.

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 ISO 7551:1998.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

(standards.iteh.ai)

Endorsement notice

SIST EN ISO 7551:2023

The text of ISO 7551:2023 has been approved by CEN as EN ISO 7551:2023 without any modification.

<https://standards.iteh.ai/catalog/standards/sist/03cef368-dd3c-4677-9d73-0e8104d4d79b/sist-en-iso-7551-2023>

INTERNATIONAL
STANDARD

ISO
7551

Second edition
2023-05

**Dentistry — Endodontic absorbent
points**

Médecine bucco-dentaire — Cônes absorbants utilisés en endodontie

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 7551:2023](https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023)

<https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023>



Reference number
ISO 7551:2023(E)

© ISO 2023

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 7551:2023](https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023)

<https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Requirements.....	2
4.1 Appearance.....	2
4.2 Length.....	2
4.3 General.....	3
4.4 Nominal size designation tolerances.....	3
4.5 Colour-coding.....	5
4.6 Taper.....	5
4.7 Absorption.....	5
4.8 Disintegration.....	5
5 Procurement of samples.....	5
6 Measurement and test methods.....	5
6.1 Test conditions.....	5
6.2 Visual examination.....	6
6.3 Length.....	6
6.3.1 Apparatus.....	6
6.3.2 Method.....	6
6.4 Taper and nominal size measurements.....	6
6.4.1 Apparatus.....	6
6.4.2 Method for standard and greater taper points.....	6
6.4.3 Method for variable taper absorbent points.....	8
6.5 Absorption.....	8
6.5.1 Apparatus.....	8
6.5.2 Material.....	9
6.5.3 Method.....	9
6.5.4 Interpretation of results.....	9
7 Product information.....	9
7.1 Marking.....	9
7.2 Packaging.....	9
7.3 Labelling.....	9
Bibliography.....	12

ISO 7551:2023(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 1, *Filling and restorative materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 55, *Dentistry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 7551:1996), which has been technically revised.

The main changes are as follows:

- the format has been updated;
- absorbent points other than standard taper absorbent points have been added;
- [Table 2](#) has been added for the dimensions of greater taper absorbent points;
- the sizes of the absorbent points specified in this document have been aligned with the sizes for obturating points specified in ISO 6877 and for instruments from the ISO 6360 series;
- the nomenclature of “numbering system” has been changed to “nominal size designation” of the tip;
- Figure 2 has been removed.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The following information should be taken into account when using this document: specific qualitative and quantitative test methods for demonstrating freedom from unacceptable biological risks are not included in this document but it is recommended that, for the assessment of such biological risks, reference be made to ISO 7405 and ISO 10993-1.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 7551:2023](https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023)

<https://standards.iteh.ai/catalog/standards/sist/03cef3f8-dd3f-4677-9d73-6e8164d4d79b/sist-en-iso-7551-2023>