

SLOVENSKI STANDARD SIST EN ISO 3630-1:2019

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Zobozdravstvo - Endodontski instrumenti - 1. del: Splošne zahteve (ISO 3630-1:2019)

Dentistry - Endodontic instruments - Part 1: General requirements (ISO 3630-1:2019)

Zahnheilkunde - Endodontische Instrumente - Teil 1: Allgemeine Anforderungen (ISO 3630-1:2019) **iTeh STANDARD PREVIEW**

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Médecine bucco-dentaire - Instruments d'endodontie - Partie 1: Exigences générales (ISO 3630-1:2019)

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Dentistry - Endodontic instruments - Part 1: General requirements (ISO 3630-1:2019)

Médecine bucco-dentaire - Instruments d'endodontie - Partie 1: Exigences générales (ISO 3630-1:2019)

Zahnheilkunde - Endodontische Instrumente - Teil 1: Allgemeine Anforderungen (ISO 3630-1:2019)

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EN ISO 3630-1:2019 (E)

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EN ISO 3630-1:2019 (E)

European foreword

This document (EN ISO 3630-1:2019) 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of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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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INTERNATIONAL STANDARD

ISO 3630-1

Third edition 2019-08

Dentistry — Endodontic instruments —

Part 1: **General requirements**

Médecine bucco-dentaire — Instruments d'endodontie —

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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 documents 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).

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This third edition cancels and replaces the second edition (ISO 3630-1:2008), which has been technically revised.

The main changes compared to the previous edition are as follows:

- reorganization with the intention of presenting the requirements and test methods for endodontic instruments in an orderly manner;
- change of the main element of the title of the ISO 3630 series to "Endodontic instruments";
- addition of requirements for the current use of Nickel-Titanium;
- clarification of the option for the handle shape for the manufacturer:
- addition of the new identification symbols in Figure 10.

A list of all parts in the ISO 3630 series can be found on the ISO website.

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.

ISO 3630-1:2019(E)

Introduction

This document specifies general requirements and test methods for endodontic instruments. Other parts of the ISO 3630 series provide the specific requirements and test methods for six areas of endodontics (enlargers, compactors, auxiliary instruments, shaping and cleaning instruments, numeric coding system and ultrasonic inserts).

With current use of Nickel-Titanium alloys for manufacture of endodontic instruments a need for adequate expertise in their safe use is recommended. This document does not attempt to provide information for proper use of any instruments.

The sizes of the endodontic obturating points (cones) specified in ISO 6877 should be aligned with the corresponding sizes for endodontic instruments specified in all parts of the ISO 3630 series.

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