

Dentistry - Endodontic instruments - Part 4: Auxiliary
instruments (ISO 3630-4:2023)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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| <p>See Eesti standard EVS-EN ISO 3630-4:2023 sisaldab Euroopa standardi EN ISO 3630-4:2023 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 23.08.2023.</p> <p>Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.</p> | <p>This Estonian standard EVS-EN ISO 3630-4:2023 consists of the English text of the European standard EN ISO 3630-4:2023.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 23.08.2023.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p> |
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English Version

**Dentistry - Endodontic instruments - Part 4: Auxiliary
instruments (ISO 3630-4:2023)**

Médecine bucco-dentaire - Instruments d'endodontie -
Partie 4: Instruments auxiliaires (ISO 3630-4:2023)

Zahnheilkunde - Wurzelkanalinstrumente - Teil 4:
Hilfsinstrumente (ISO 3630-4:2023)

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

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European foreword

This document (EN ISO 3630-4:2023) 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of an identical text or by endorsement, at the latest by February 2024, and conflicting national standards shall be withdrawn at the latest by February 2024.

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 3630-4:2009.

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Endorsement notice

The text of ISO 3630-4:2023 has been approved by CEN as EN ISO 3630-4:2023 without any modification.

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Foreword

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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).

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This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*, 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 3630-4:2009), which has been technically revised.

The main changes are as follows:

- rasps requirements have been removed;
- a cyclic fatigue test of paste carriers has been added;
- the term cannula has been added;
- the cannula symbol has changed;
- [Annexes A](#) and [B](#) have been added.

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

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Dentistry — Endodontic instruments —

Part 4: Auxiliary instruments

1 Scope

This document specifies requirements and test methods for hand-held or mechanically operated auxiliary instruments for performing root canal procedures such as barbed broaches, paste carriers, explorers, cotton broaches and cannulae. This document specifies requirements for size, product designation, safety considerations, instructions and labelling.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1797, *Dentistry — Shanks for rotary and oscillating instruments*

ISO 1942, *Dentistry — Vocabulary*

ISO 3630-1:2019, *Dentistry — Endodontic instruments — Part 1: General requirements*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942, ISO 3630-1 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

barbed broach

endodontic instrument with barbs designed for removing the pulp tissue

3.2

paste carrier

endodontic instrument designed for conveying filling material or medicaments into a root canal system

3.3

explorer

endodontic instrument designed for exploring the root canal system

3.4

cotton broach

endodontic instrument used with cotton for drying root canals or placing medicaments

3.5

instrument core

portion of endodontic instrument that is the centre of the working part