



SLOVENSKI STANDARD
SIST EN ISO 6877:2000
01-januar-2000

Dental root-canal obturating points (ISO 6877:1995)

Dental root-canal obturating points (ISO 6877:1995)

Zahnärztliche Wurzelkanalfüllstifte (ISO 6877:1995)

Cônes d'obturation dentaires pour canaux radiculaires (ISO 6877:1995)

Ta slovenski standard je istoveten z: EN ISO 6877:1998

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6877

April 1998

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Descriptors: see ISO document

English version

Dental root-canal obturating points (ISO 6877:1995)

Cônes d'obturation dentaires pour canaux radiculaires (ISO 6877:1995)

Zahnärztliche Wurzelkanalfüllstifte (ISO 6877:1995)

This European Standard was approved by CEN on 23 March 1998.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

The text of the International Standard from Technical Committee ISO/TC 106 "Dentistry" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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identical text or by endorsement, at the latest by month of October 1998, and conflicting national standards shall be withdrawn at the latest by October 1998.

Endorsement notice

The text of the International Standard ISO 6877:1995 has been approved by CEN as a European Standard without any modification.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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INTERNATIONAL STANDARD

ISO
6877

First edition
1995-06-01

Dental root-canal obturating points

Cônes d'obturation dentaires pour canaux radiculaires

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Reference number
ISO 6877:1995(E)

ISO 6877:1995(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.

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.

International Standard ISO 6877 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 1, *Filling and restorative materials*.

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Annexes A and B of this International Standard are for information only.

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International Organization for Standardization
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Introduction

The sizes of the obturating points (cones) specified in this International Standard have been aligned with the corresponding sizes for root-canal instruments specified in ISO 3630-1^[1].

Specific qualitative and quantitative requirements for freedom from biological hazard are not included in this International Standard but it is recommended that, in assessing possible biological or toxicological hazards, reference should be made to ISO/TR 7405:1984^[2] or any more recent edition.

Manufacturers wishing to declare conformity with this International Standard should refer to ISO/IEC Guide 22^[3].

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Dental root-canal obturating points

1 Scope

This International Standard specifies the dimensions and compositional requirements for prefabricated metallic or polymeric-based points or cones suitable for use in the obturation of the dental root-canal, but not for support of a coronal restoration. It also specifies numerical systems and a colour coding system for designating the sizes.

In addition to the requirements for the product itself, this International Standard also contains information about packaging the product. Although this information is important, it is not included as part of the requirements because no test methods are available (see annex A).

Dental root-canal obturating points are marketed sterilized or unsterilized. This International Standard covers the physical attributes expected of such products as supplied. Requirements for sterility are not included, and any claim that the product is sterile is the responsibility of the manufacturer (see clause A.2).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 209-1:1989, *Wrought aluminium and aluminium alloys — Chemical composition and form of products — Part 1: Chemical composition.*

ISO 3665:1976, *Photography — Intra-oral dental radiographic film — Specification.*

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 point: Complete prefabricated metallic or polymeric dental root-canal obturating point.

3.2 end: Broad end of the point.

3.3 tip: Narrow end of the point.

3.4 unit pack: Smallest pack of points distributed, containing one or more sizes of point.

3.5 standardized points: Points having uniform standardized tapers throughout all the ranges of sizes available.

3.6 taper-sized points: Points whose sizes are determined by the tip sizes and the tapers.

4 Requirements

4.1 Materials

4.1.1 Metal points

Throughout their tapered length, the points shall be smooth, uniform in composition, without surface pitting and free from inclusions or extraneous matter.

Testing shall be carried out in accordance with 6.2.