



SLOVENSKI STANDARD
SIST EN ISO 13295:2000
01-januar-2000

Dental rotary instruments - Mandrels (ISO 13295:1994)

Dental rotary instruments - Mandrels (ISO 13295:1994)

Zahnärztliche rotierende Instrumente - Mandrelle (ISO 13295:1994)

Instruments rotatifs dentaires - Mandrins (ISO 13295:1994)

Ta slovenski standard je istoveten z: EN ISO 13295:1996

[SIST EN ISO 13295:2000](https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000)

<https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000>

ICS:

11.060.25 Zobotehnični instrumenti Dental instruments

SIST EN ISO 13295:2000

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13295:2000](#)

<https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000>

EUROPEAN STANDARD

EN ISO 13295

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1996

ICS 11.060.20

Descriptors: dentistry, dental equipment, dental instruments, dental rotary-cutting instruments, mandrels, classification, specifications, mechanical strength, dimensions, marking, packaging

English version

Dental rotary instruments - Mandrels (ISO 13295:1994)

Instruments rotatifs dentaires - Mandrins
(ISO 13295:1994)

Zahnärztliche rotierende Instrumente -
Mandrelle (ISO 13295:1994)

This European Standard was approved by CEN on 1996-03-14. 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.

The European Standards exist 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

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 a European Standard by the 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 October 1996, and conflicting national standards shall be withdrawn at the latest by October 1996.

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

Endorsement notice

The text of the International Standard ISO 13295:1994 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13295:2000](#)

<https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000>



Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 1797-1	1992	Dental rotary instruments - Shanks - Part 1: Shanks made of metals	EN ISO 1797-1	1995
ISO 6360-1	1985	Dental rotary instruments - Number coding system - Part 1: General characteristics	EN 26360-1	1990
ISO 6360-2	1986	Dental rotary instruments - Number coding system - Part 2: Shape and specific characteristics	EN 26360-2	1991

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13295:2000](https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000)

<https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13295:2000](#)

<https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000>

INTERNATIONAL
STANDARD

ISO
13295

First edition
1994-12-15

Dental rotary instruments — Mandrels

Instruments rotatifs dentaires — Mandrins
iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 13295:2000](#)

<https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000>



Reference number
ISO 13295:1994(E)

ISO 13295:1994(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 13295 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 4, *Dental instruments*.

[SIST EN ISO 13295:2000](https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000)

<https://standards.iteh.ai/catalog/standards/sist/cc88781e-a125-4500-bfc6-fa4e24853fa0/sist-en-iso-13295-2000>

© ISO 1994

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Dental rotary instruments — Mandrels

1 Scope

This International Standard specifies requirements, packaging and marking for mandrels suitable for holding mounted and unmounted dental discs and polishers.

Mandrels may be used for dental rotary instruments of different working diameters.

For mandrels with mounted discs and polishers, the specification for the thread and screw do not apply.

Attention is drawn to ISO 6360-1 and ISO 6360-2 which specify a 15-digit number for the identification of dental rotary instruments of all types.

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 1797-1:1992, *Dental rotary instruments — Shanks — Part 1: Shanks made of metals*.

ISO 6360-1:1985, *Dental rotary instruments — Number coding system — Part 1: General characteristics*.

ISO 6360-2:1986, *Dental rotary instruments — Number coding system — Part 2: Shape and specific characteristics*.

3 Classification

Mandrels are classified into the following two types, according to their application:

— Type 1: mandrels for standard application;

— Type 2: mandrels for heavy-duty application.

4 Requirements

4.1 Material

Mandrels and screws shall be made of a material with a yield strength of at least 600 N/mm². Type and treatment shall be at the discretion of the manufacturer.

Testing shall be carried out in accordance with 5.1.

4.2 Dimensions

The dimensions and tolerances are given in millimetres. They shall be as shown in figures 1 to 3.

This International Standard specifies only mandrels with a diameter of the plate and screw head of 5 mm. Other diameters are possible [see clause 6 f)].

Testing shall be carried out in accordance with 5.2.