

**SLOVENSKI
STANDARD**

SIST EN 29168:2000

prva izdaja
januar 2000

(istoveten EN 29168:1994)

Dental handpieces - Hose connectors (ISO 9168:1991)

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ICS 11.060.20

Referenčna številka
SIST EN 29168:2000(en)

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EUROPEAN STANDARD

EN 29168

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1994

UDC 615.471:616.314-7

Supersedes EN 29168:1990

Descriptors: Dentistry, dental equipment, connectors, dimensions

English version

**Dental handpieces - Hose connectors
(ISO 9168:1991)**

Pièces à main dentaires - Connexions
(ISO 9168:1991)

Zahnärztliche Handstücke - Schlauchanschlüsse
(ISO 9168:1991)

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CEN

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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Ref. No. EN 29168:1994 E

Foreword

This European Standard has been taken over by Technical Committee CEN/TC 55 "Dentistry" from the work of ISO/TC 106 "Dentistry" of the International Standardization Organization (ISO).

The text was submitted to the Unique Acceptance Procedure (UAP) and approved as a European Standard.

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of an identical text or by endorsement, at the latest by November 1994, and conflicting national standards shall be withdrawn at the latest by November 1994.

In accordance with the CEN/CENELEC Internal Regulations, 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 United Kingdom.

This European Standard will supersede EN 29168:1990.

Endorsement notice

The text of the international standard ISO 9168 : 1991 was approved by CEN as a European Standard without any modification.

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INTERNATIONAL STANDARD

ISO
9168

Second edition
1991-09-01

Dental handpieces — Hose connectors

Pièces à main dentaires — Connexions

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Reference number
ISO 9168:1991(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 9168 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Sub-Committee SC 4, *Dental instruments*.

This second edition cancels and replaces the first edition (ISO 9168:1988), incorporating Draft Addendum 1:1989.

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

Printed in Switzerland

Dental handpieces — Hose connectors

1 Scope

This International Standard specifies four types of standard connectors for use between dental handpieces and the flexible hoses of the equipment which supply the handpieces with water, air and light, and provide for the exhaust. The purpose of this International Standard is to achieve reliable interchangeability between hoses and handpieces.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was 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 edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 261:1973, *ISO general purpose metric screw threads — General plan.*

3 Classification

For the purposes of this International Standard, hose connectors are designated as the following four types:

- Type A: connector with two or three outlets;
- Type B: connector with four or five outlets;
- Type C: connector with four outlets and electrical contacts;
- Type D: connector with three outlets and connection thread $M12 \times 0,5$.

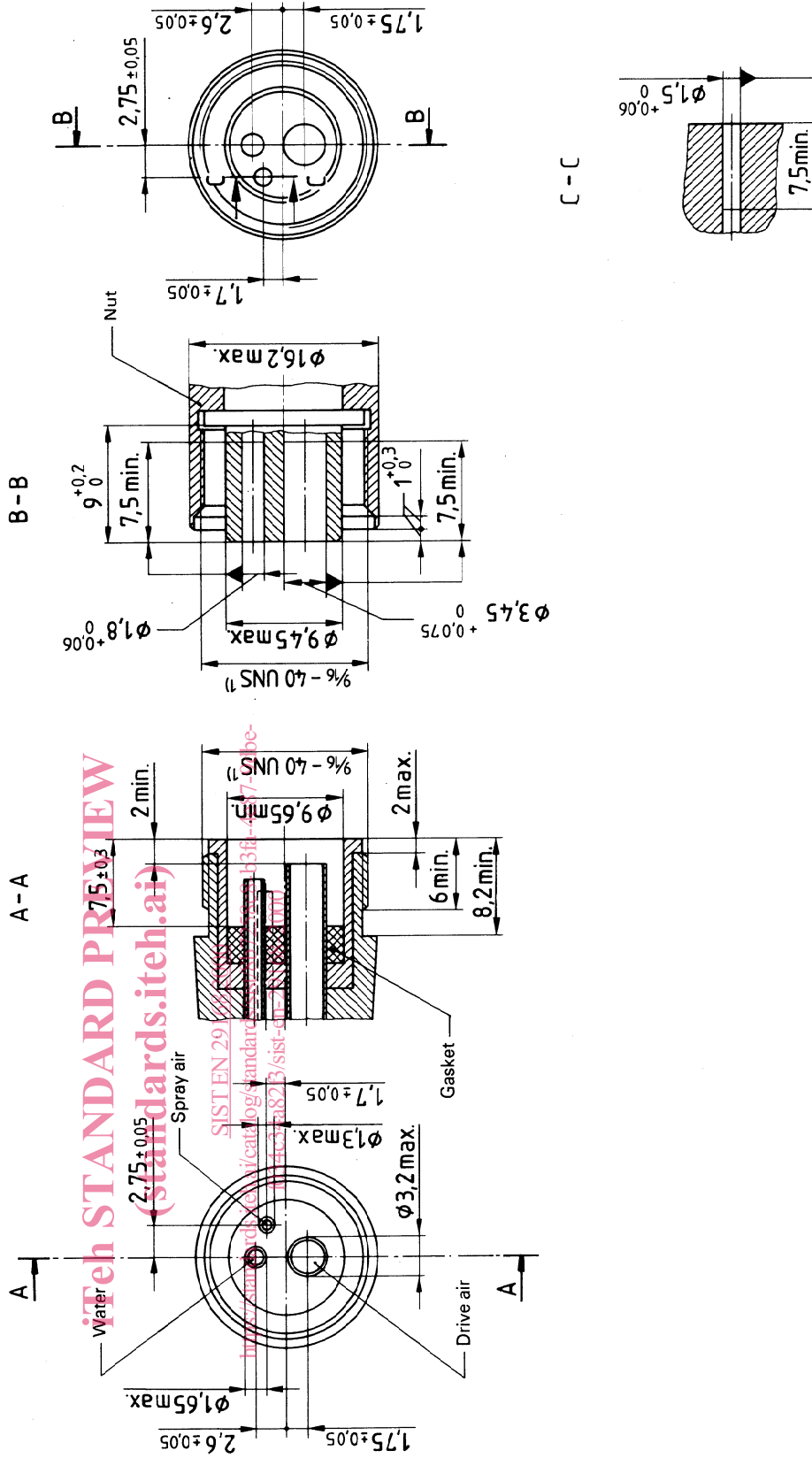
4 Dimensional requirements

The dimensions, the outlet configuration and the use of the outlets shall be as specified in figure 1, figure 2, figure 3 and figure 4 respectively. The thread characteristics for types A, B and C shall be as specified in table 1. The thread characteristics for type D ($M12 \times 0,5$) shall be in accordance with ISO 261.

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b) Hose part

a) Handpiece part

1) See table 1 for thread characteristics

Figure 1 — Type A connector

