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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 4073**

July 2005

ICS 11.060.20

English Version

**Dental equipment - Items of dental equipment at the working  
place - Identification system (ISO 4073:1980)**

Matériel dentaire - Eléments du matériel dentaire au poste  
de travail - Système d'identification (ISO 4073:1980)

Zahnärztliche Ausrüstung - Ausrüstungsgegenstände am  
Arbeitsplatz - Identifikationssystem (ISO 4073:1980)

This European Standard was approved by CEN on 3 June 2005.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

**EN ISO 4073:2005 (E)****Foreword**

The text of ISO 4073:1980 has been prepared by Technical Committee ISO/TC 106 "Dentistry" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 4073:2005 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of an identical text or by endorsement, at the latest by January 2006, and conflicting national standards shall be withdrawn at the latest by January 2006.

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

**Endorsement notice**

The text of ISO 4073:1980 has been approved by CEN as EN ISO 4073:2005 without any modifications.

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# International Standard



# 4073

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## Dental equipment — Items of dental equipment at the working place — Identification system

*Matériel dentaire — Éléments du matériel dentaire au poste de travail — Système d'identification*

**First edition — 1980-10-15**

Corrected and reprinted — 1981-07-01

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4073 was developed by Technical Committee ISO/TC 106, *Dentistry*, and was circulated to the member bodies in August 1979.

It has been approved by the member bodies of the following countries :

Australia	Germany, F.R.	Romania
Canada	India	Sweden
Czechoslovakia	Libyan Arab Jamahiriya	Switzerland
Egypt, Arab Rep. of	Mexico	USA
France	Netherlands	USSR

No member body expressed disapproval of the document.

# Dental equipment — Items of dental equipment at the working place — Identification system

## 0 Introduction

The various items and combinations of dental equipment used at the working place of the dentist present difficulties in their identification for the dentist, the dental dealer and the dental manufacturer. It is therefore, necessary to have a comprehensive plan view system which will facilitate the work of the dentist, the dental dealer and the dental manufacturer in identifying, unambiguously, items and combinations, and prevent misunderstandings in ordering, selling, and manufacturing items and combinations thereof.

The plan view system and the identification card detailed in this International Standard were developed to assist the dentist, the dental dealer, and the dental manufacturer.

## 1 Scope and field of application

This International Standard lays down a reference plan for the location of the items, it gives symbols for the items and a two-digit system for the identification of the combination of items which are used at the working place of the dental team where examination, treatment and other clinical procedures, with the patient directly involved, are carried out.

The system provides the means to give general information about the presence of items and to describe relevant characteristics concerning dimensional flexibility and adaptability of the items and parts of their accessories.

## 2 Reference

ISO 3246, *Dentistry — Working space of the dentist — Definitions and principles.*

## 3 Reference plan

The reference plan consists of a chart the centre of which refers to the mouth of the patient. The sectors are symbolized by numbers 1 to 12 as on a watch dial.

Four concentric circles around the centre at a distance of 0,5 m each give the means to clearly locate the exact position of the different elements. The circles are identified by the letters A, B, C and D.

The location of the items of dental equipment as well as an indication of the working place of the dentist and his assistant may be given in the reference plan by a sketch.

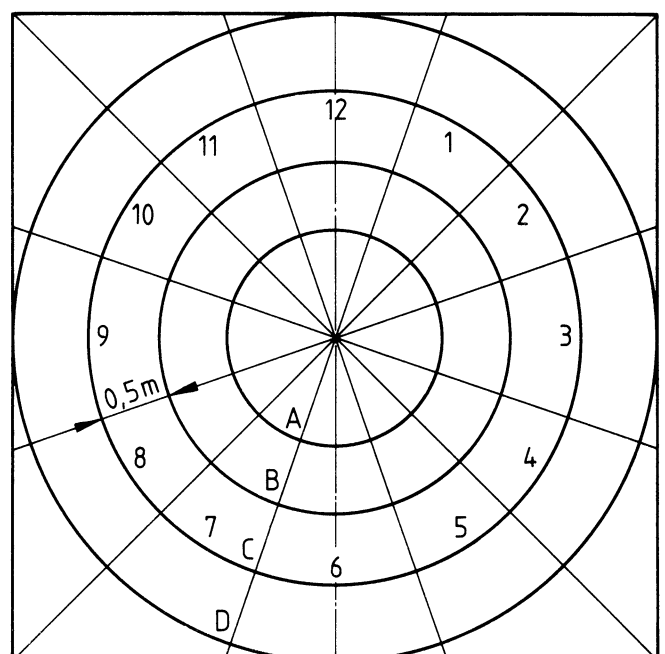
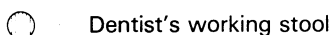
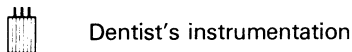


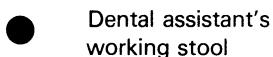
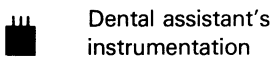
Figure 1 — Plan for location of items of dental equipment

## 4 Symbols for items of dental equipment

### 4.1 Items used by the dentist



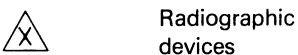
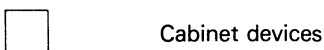
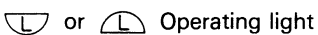
### 4.2 Items used by the dental assistant



### 4.3 Patient's chair



### 4.4 Other items and special devices



## 5 Identification of the location of the items

Identification of the location of the items, with reference to the patient's chair, is given by the index number. It consists of two digits, separated by an oblique stroke, with the first digit indicating the location of the dentist's instrumentation and the second the location of the dental assistant's instrumentation. In those instances where only dentist's instrumentation need to be indicated, the second digit should be zero.

### 5.1 Location of dentist's instrumentation

Index number	1/0	2/0	3/0	4/0
Location				

### 5.2 Location of dental assistant's instrumentation

Index number	0/1	0/2	0/3	0/4
Location				

### 5.3 Examples of combinations

The index numbers defined in 5.1 and 5.2 may be combined so as to identify the location of the dentist's and the dental assistant's instrumentation adequately.

Index number	1/1	2/2	1/2	3/1	4/4
Location					



