



American National Standard/
American Dental Association
Standard No. 169

Periodontal Probes: General Requirements

Identical adoption of ISO 21672-1:2012, *Dentistry — Periodontal probes - Part 1: General requirements*

ADA American
Dental
Association®

Standards Committee on Dental Products

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**AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION
STANDARD NO. 169 FOR PERIODONTAL PROBES: GENERAL REQUIREMENTS**

The ADA Standards Committee on Dental Products (SCDP) has approved ANSI/ADA Standard No. 169 for Periodontal Probes: General Requirements. This and other standards for dental materials, instruments and equipment are being formulated by working groups of the ADA SCDP. The Committee has representation from all interests in the United States in the standardization of materials, instruments and equipment in dentistry. The Committee has adopted the standards, showing professional recognition of their usefulness in dentistry, and has forwarded them to the American National Standards Institute with a recommendation that the standards be approved as American National Standards. The American National Standards Institute granted approval of ADA Standard No. 169 as an American National Standard on August 26, 2019.

The ADA Standards Committee on Dental Products thanks the members of Working Group 4.28 on Hand Instruments and the organizations with which they were affiliated at the time the standard was developed:

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AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 169 FOR PERIODONTAL PROBES: GENERAL REQUIREMENTS

FOREWORD

(This Foreword does not form a part of ANSI/ADA Standard No. 169 for Periodontal Probes: General Requirements).

This standard is an identical adoption of ISO 21672-1, Dentistry – Periodontal probes – Part 1: General requirements. ADA SCDP Working Group No. 4.28 on Hand Instruments examined the international standard and found it acceptable for identical adoption as ANSI/ADA Standard No. 169.

AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 169 FOR PERIODONTAL PROBES: GENERAL REQUIREMENTS

Contents	Page
Foreword	Error! Bookmark not defined.
1 Scope	4
2 Normative references	4
3 Terms, definitions and symbols	4
3.1 Terms and definitions	4
3.2 Symbols	4
4 Classification	5
5 Requirements	9
5.1 Design and dimensions	9
5.2 Working end	10
5.2.1 Graduated scale	10
5.2.2 Shape of working end	10
5.2.3 Material of the working end	11
5.2.4 Hardness and tensile strength of the working end	11
5.2.5 Rigidity	11
5.3 Handle	11
5.4 Surfaces	11
5.4.1 All surfaces	11
5.4.2 Satin finish	11
5.5 Maximum overall length	11
5.6 Resistance to reprocessing procedures	12
5.7 Resistance to corrosion and thermal exposure	12
5.8 Union of working end and handle	12
6 Test methods	12
6.1 Visual inspection	12
6.2 Resistance tests	12
6.2.1 Test sequence and cycles	12
6.2.2 Autoclave test	12
6.2.3 Boiling water test and thermal exposure test	12
6.3 Test of union of working end and handle	12
6.3.1 Under tensile force	12
6.3.2 Under torque	12
6.4 Rigidity test	13
7 Designation, labelling and marking	13
Bibliography	14

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1 Scope

This standard specifies general requirements and test methods for periodontal probes.

It is applicable to periodontal probes made of austenitic and martensitic stainless steel.

It is not applicable to periodontal probes with working ends made completely of plastics, nor to HAUER probes and periodontal probes with a defined probing force.

2 Normative references

The following referenced documents are indispensable for the application 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 1942, *Dentistry — Vocabulary*

ISO 6507-1, *Metallic materials — Vickers hardness test — Part 1: Test method*

ISO 6892-1, *Metallic materials — Tensile testing — Part 1: Method of test at room temperature*

ISO 7153-1, *Surgical instruments — Metallic materials — Part 1: Stainless steel*

ISO 13402, *Surgical and dental hand instruments — Determination of resistance against autoclaving, corrosion and thermal exposure*

(ISO standards are available from the American National Standards Institute, 25 W. 43rd St., New York, NY 10036, www.ansi.org).

3 Terms, definitions and symbols

3.1 Terms and definitions

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

3.1.1

periodontal probe

dental hand instrument designed to measure subgingival pocket depth, used in dentistry for diagnostic purposes and assessment of the condition of periodontal pockets

3.1.2

furcation probe

periodontal probe designed to probe the furcations of premolars and molars

3.2 Symbols

b_1 blade thickness

b_2 blade width

d_1 diameter of spherical or round end

d_2 diameter of shank