



Revised American National Standard/
American Dental Association
Standard No. 95

Root Canal Enlargers

ADA American
Dental
Association®
Council on
Scientific Affairs

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**REVISED AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 95
FOR ROOT CANAL ENLARGERS**

The Council on Scientific Affairs of the American Dental Association has approved revised American Dental Association Standard No. 95 for Root Canal Enlargers. This and other standards for dental materials, instruments and equipment are being formulated by working groups of the ADA Standards Committee on Dental Products (formerly Accredited Standards Committee MD156 for Dental Materials, Instruments and Equipment). The Committee has representation from all interests in the United States in the standardization of materials, instruments and equipment in dentistry. The Council 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 revised ADA Standard No. 95 as an American National Standard on September 13, 2013.

The ADA Standards Committee on Dental Products thanks the members of Working Group 4.27 on Endodontic Instruments and the organizations with which they were affiliated at the time the standard was developed:

Frank Lentine (chairman), Lentine Enterprises, Ltd., Taylor, MI;
Timothy Svec (secretary), Tigard, OR;
Satish Alapati, UIC College of Dentistry, Chicago, IL;
David J. Clement, University of Tennessee, Memphis;
Lonnie Graybill, Integra, York, PA;
John Ingle, San Diego, CA;
Nick Lenz, Coltene/Whaledent, Inc., Cuyahoga Fall, OH;
Neill Luebke, Brookfield, WI;
Randall Maxwell, Dentsply Endodontics, Tulsa, OK;
Spiro Megremis, American Dental Association, Chicago, IL;
Michael Sobotka, Charles B. Schwed Co., Kew Gardens, NY; and
Carolyn M. Primus, Primus Consulting, Bradenton, FL.

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FOREWORD

(This foreword does not form a part of Revised ANSI/ADA Standard No. 95 for Root Canal Enlargers.)

This revision of ANSI/ADA Standard No. 95 cancels and replaces ANSI/ADA Standard No. 95-2003.

For this edition of ANSI/ADA Standard No. 95, Working Group 4.27 agreed to excerpt portions of ISO 3630-2:2000, Dental root canal instruments-Part 2: Enlargers, to provide for clarification and to be more closely aligned with the relevant portions of the ISO standard.

SCDP Working Group 4.27 on Endodontic Instruments agreed to the following changes:

1. Added to the Scope: "This document specifies requirements for size, product designation, safety considerations, marking, and their labeling and packaging."
2. Changed " handle" to "shank" throughout the document.
3. Added note to 4.2.1 indicating allowed variations in shape and designs.
4. Added cross section view for Figure 2. Enlarger Type 2.
5. Added missing values to Table 5.
6. Removed Figure 7.
7. Editorial corrections.

The ADA SCDP agreed that the term Standard should replace the term Specification as the designation of ADA standards, thus, the term specification has been replaced by the term standard throughout this document.

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1 SCOPE AND CLASSIFICATION

1.1 Scope

This standard is for root canal instruments used mechanically to access and enlarge canals. This document specifies requirements for size, product designation, safety considerations, marking, and their labeling and packaging.

1.2 Type

The instruments covered by this standard shall be of the following types.

- A Enlarger, Type B1;
- B Enlarger, Type B2;
- C Enlarger, Type G;
- D Enlarger, Type M;
- E Enlarger, Type P. This enlarger is also known as a Peeso drill.

2 APPLICABLE STANDARDS

The following documents form a part of this standard.

2.1 STANDARDS

ANSI/ADA Standard No. 28 for Root Canal Files and Reamers, Type K.

ISO 1797, Dental Rotary Instruments, Shanks.

ISO 3630, Parts 1 and 2, Dental Root Canal Instruments.

ISO 8601, Data elements and interchange formats-Information interchange Representation of dates and times.

(Copies of ADA and ISO Standards for dentistry may be obtained from the American Dental Association, Department of Standards Administration, 211 E. Chicago Ave., Chicago, IL, or <http://catalog.ada.org>. Other ISO Standards may be obtained from the American National Standards Institute, 25 West 43 St., New York, NY 10036; or www.ansi.org).

ANSI Metric Practice, Z210.1-1976.

(ASTM specifications are available from ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428; or www.astm.org).

3 SYMBOLS

For the purposes of this standard, the following symbols apply:

- D₁ diameter of working part; head diameter;
- D₂ neck diameter, measured at the end of the working part;
- D₃ neck diameter, measured at the end of the operative end;