



American National Standard/  
American Dental Association  
**Standard No. 159**

# Coiled Springs for Use in Orthodontics

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Identical adoption of ISO 17254:2016, *Dentistry — Coiled springs for use in orthodontics*

**ADA** American  
Dental  
Association®

**Standards Committee on Dental Products**

**2018**

## **AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 159 FOR COILED SPRINGS FOR USE IN ORTHODONTICS**

The ADA Standards Committee on Dental Products (SCDP) has approved ANSI/ADA Standard No. 159 for Coiled Springs for Use in Orthodontics. 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. 159 as an American National Standard on May 18, 2018.

The ADA Standards Committee on Dental Products thanks the members of ADA SCDP Working Group No. 1.7 on Orthodontic Products and the organizations with which they were affiliated at the time the standard was developed:

Jerry Horn (chairman), Individual Representative, San Diego, CA;

William Brantley, Ohio State University, Columbus;

David Cinader, 3M Corp., St. Paul, MN;

Sharukh Khajotia, University of Oklahoma, Oklahoma City;

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Spiro Megremis, American Dental Association, Chicago, IL;

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Orlando Sarria, Ultimate Wireforms, Inc., Bristol, CT.

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# **AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 159 FOR COILED SPRINGS FOR USE IN ORTHODONTICS**

## **FOREWORD**

(This Foreword does not form a part of ANSI/ADA Standard No. 159 for Coiled Springs for Use in Orthodontics).

This standard is an identical adoption of ISO 17254:2016, Dentistry – Coiled springs for use in orthodontics. ADA SCDP Working Group No. 1.7 on Orthodontic Products examined the international standard and found it acceptable for identical adoption as ANSI/ADA Standard No. 159.

# **AMERICAN NATIONAL STANDARD/AMERICAN DENTAL ASSOCIATION STANDARD NO. 159 FOR COILED SPRINGS FOR USE IN ORTHODONTICS**

## **Introduction**

This standard has been developed to specify the information provided by manufacturers and suppliers to help clinicians compare coiled springs.

Specific qualitative and quantitative test methods for demonstrating freedom from unacceptable biological hazard are not included in this standard, but for the assessment of possible biological or toxicological hazards, reference can be made to ANSI/ADA Standard No. 41, ISO 10993-1 and ISO 7405.

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