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Standards

Irish Standard  
I.S. EN ISO 24264:2020

# Footwear - Test methods for hollow and compact heels and top pieces - Top piece attachment strength (ISO 24264:2020)

**I.S. EN ISO 24264:2020**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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## National Foreword

I.S. EN ISO 24264:2020 is the adopted Irish version of the European Document EN ISO 24264:2020, Footwear - Test methods for hollow and compact heels and top pieces - Top piece attachment strength (ISO 24264:2020)

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EUROPEAN STANDARD

EN ISO 24264

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2020

ICS 61.060

English Version

## Footwear - Test methods for hollow and compact heels and top pieces - Top piece attachment strength (ISO 24264:2020)

Chaussures - Méthodes d'essai pour les talons creux et  
pleins avec bonbouts - Résistance de fixation des  
bonbouts (ISO 24264:2020)

Schuhe - Befestigungsstärke von Oberflecken (ISO  
24264:2020)

This European Standard was approved by CEN on 6 September 2020.

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**EN ISO 24264:2020 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

## **European foreword**

This document (EN ISO 24264:2020) has been prepared by Technical Committee ISO/TC 216 "Footwear" in collaboration with Technical Committee CEN/TC 309 "Footwear" the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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## **Endorsement notice**

The text of ISO 24264:2020 has been approved by CEN as EN ISO 24264:2020 without any modification.

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# INTERNATIONAL STANDARD

**ISO**  
**24264**

First edition  
2020-10

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## **Footwear — Test methods for hollow and compact heels with top pieces — Top piece attachment strength**

*Chaussures — Méthodes d'essai pour les talons creux et pleins avec  
bonbouts — Résistance de fixation des bonbouts*



Reference number  
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**ISO 24264:2020(E)**



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# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Apparatus</b> .....	<b>1</b>
<b>5 Sampling and conditioning</b> .....	<b>2</b>
<b>6 Preparation of test-pieces</b> .....	<b>2</b>
<b>7 Procedure</b> .....	<b>3</b>
<b>8 Expression of results</b> .....	<b>3</b>
<b>9 Test report</b> .....	<b>3</b>

## ISO 24264:2020(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 216, *Footwear*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 309, *Footwear*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

# Footwear — Test methods for hollow and compact heels with top pieces — Top piece attachment strength

## 1 Scope

This document specifies a method for determining the attachment pull-out strength of heel top pieces.

This method is applicable to all kind of heels with top pieces.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 7500-1, *Metallic materials — Calibration and verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Calibration and verification of the force-measuring system*

ISO 18454, *Footwear — Standard atmospheres for conditioning and testing of footwear and components for footwear*

## 3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

## 4 Apparatus

**4.1 A tensile testing machine** with the following:

- A jaw separation rate of  $(100 \pm 10)$  mm/min.
- A suitable force range for the sample to be tested, with 2 % accuracy, as specified for Class 2 in ISO 7500-1. For most cases, the adequate force range is 0 N to 1 000 N.
- A means of recording the force, as specified in ISO 7500-1, Class 2.
- A clamping device comprising (see [Figure 1](#)):
  - jaws, whose central shafts are aligned in the direction of the load applied, that is perpendicular to the external edges of the jaws. The upper and lower jaws lie on the same plane;
  - jaws manufactured in such a way that they are able to hold the test-piece and prevent it from slipping, and their edges do not cut or damage the test-piece.

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