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Standards

Irish Standard  
I.S. EN ISO 9202:2019

# Jewellery and precious metals - Fineness of precious metal alloys (ISO 9202:2019)

**I.S. EN ISO 9202:2019**

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

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## National Foreword

I.S. EN ISO 9202:2019 is the adopted Irish version of the European Document EN ISO 9202:2019, Jewellery and precious metals - Fineness of precious metal alloys (ISO 9202:2019)

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**EUROPEAN STANDARD**

**EN ISO 9202**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

May 2019

ICS 39.060

Supersedes EN ISO 9202:2016

English Version

## **Jewellery and precious metals - Fineness of precious metal alloys (ISO 9202:2019)**

Joaillerie, bijouterie et métaux précieux - Titre des alliages de métaux précieux (ISO 9202:2019)

Schmuck und Edelmetalle - Feingehalt von Edelmetalllegierungen (ISO 9202:2019)

This European Standard was approved by CEN on 26 January 2019.

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**EN ISO 9202:2019 (E)**

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## **European foreword**

This document (EN ISO 9202:2019) has been prepared by Technical Committee ISO/TC 174 "Jewellery and precious metals" in collaboration with Technical Committee CEN/SS M21 "Precious metals - Applications in jewellery and associated products" the secretariat of which is held by CCMC.

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of an identical text or by endorsement, at the latest by November 2019, and conflicting national standards shall be withdrawn at the latest by November 2019.

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.

This document supersedes EN ISO 9202:2016.

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

## **Endorsement notice**

The text of ISO 9202:2019 has been approved by CEN as EN ISO 9202:2019 without any modification.

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# INTERNATIONAL STANDARD

**ISO  
9202**

Third edition  
2019-04

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## **Jewellery and precious metals — Fineness of precious metal alloys**

*Joannerie, bijouterie et métaux précieux — Titre des alliages de  
métaux précieux*



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## ISO 9202:2019(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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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 174, *Jewellery and precious metals*.

This third edition cancels and replaces the second edition (ISO 9202:2014), which has been technically revised.

The main changes compared to the previous edition are as follows:

- a) deletion of finenesses 500 and 600 for platinum;
- b) update of normative references.

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).

# Jewellery and precious metals — Fineness of precious metal alloys

## 1 Scope

This document specifies a range of fineness of precious metal alloys (excluding solders) recommended for use in the field of jewellery.

NOTE There is a possibility that national legal requirements for the designation, marking, and stamping of finished articles exist in the respective countries.

## 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 11210, *Jewellery — Determination of platinum in platinum jewellery alloys — Gravimetric method after precipitation of diammonium hexachloroplatinate*

ISO 11426, *Jewellery — Determination of gold in gold jewellery alloys — Cupellation method (fire assay)*

ISO 11427, *Jewellery — Determination of silver in silver jewellery alloys — Volumetric (potentiometric) method using potassium bromide*

ISO 11490, *Jewellery — Determination of palladium in palladium jewellery alloys — Gravimetric determination with dimethylglyoxime*

ISO 11494, *Jewellery and precious metals — Determination of platinum in platinum alloys — ICP-OES method using an internal standard element*

ISO 11495, *Jewellery and precious metals — Determination of palladium in palladium alloys — ICP-OES method using an internal standard element*

ISO 13756, *Jewellery — Determination of silver in silver jewellery alloys — Volumetric (potentiometric) method using sodium chloride or potassium chloride*

ISO 15093, *Jewellery — Determination of precious metals in 999 0/00 gold, platinum and palladium jewellery alloys — Difference method using ICP-OES*

ISO 15096, *Jewellery — Determination of silver in 999 0/00 silver jewellery alloys — Difference method using ICP-OES*

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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/>

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