



**International  
Standard**

**ISO 10713**

**Jewellery and precious metals —  
Gold alloy coatings**

*Joaillerie, bijouterie et métaux précieux — Revêtements  
d'alliages d'or*

**Second edition  
2025-02**

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## 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 document 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 174, *Jewellery and precious metals*.

This second edition cancels and replaces the first edition (ISO 10713:1992), which has been technically revised.

The main changes are as follows:

- Introduction was added;
- [Clause 2](#) was updated;
- [Clause 3](#) was added;
- Requirements for coating thickness were revised;
- Methods for measuring gold thickness were revised;
- [Table 1](#) and [Table 2](#) were updated.

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).

## Introduction

This document defines the terms 'rolled gold' and 'gold plated' in terms of minimum mass, thickness, and fineness of the applied gold alloy coating. It also establishes a marking classification for purchasers to identify these essential features.

This document applies to gold and gold alloy coatings used in jewellery (both precious and non-precious), general decorative items, and other specialised applications in the jewellery trade that require a relatively thick coating. However, it does not modify the provisions of national regulations or Assay & Hallmarking laws in countries where statutory hallmarking is practised. When requesting plating in accordance with this document, the purchaser specifies the nature of the base metal and the required coating classification number in addition to referencing this document.

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