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Jewellery — Fineness of precious metal alloys

Joallerie — Titre des alliages de métaux précieux



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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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Jewellery — Fineness of precious metal alloys

1 Scope

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

NOTE 1 National legal requirements for the designation, marking and stamping of finished articles in the respective countries have to be taken into account.

2 Definition

For the purposes of this International Standard, the following definition applies.

2.1 fineness: The minimum content of the named precious metal, measured in terms of parts per thousand by weight of alloy.

3 Range of fineness

The fineness is stated in minimum values (see table 1). No minus tolerance is allowed.

4 Analytical methods for determining fineness

For determining fineness, acknowledged test methods shall be used.

NOTE 2 ISO test methods will be the subject of future International Standards and reference will be made to them after publication of the appropriate International Standard.

Table 1

Values in parts per thousand

Precious metal alloy	Fineness min.
Gold alloy	375 585 750 916
Platinum alloy	850 900 950
Palladium alloy	500 950
Silver alloy	800 (835) 925
NOTES 1 The values which are not in brackets are preferable. 2 A possible inclusion of platinum 750 ‰ may be envisaged in the course of further revision of this International Standard.	