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Watch-cases and accessories — Gold alloy coverings —

Part 2: Determination of fineness, thickness, corrosion resistance and adhesion

*Boîtes de montres et leurs accessoires — Revêtements d'alliage d'or —
Partie 2: Détermination du titre, de l'épaisseur, de la résistance à la
corrosion et de l'adhérence*



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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 114, *Horology*, Subcommittee SC 6, *Precious metal coverings*.

This fourth edition cancels and replaces the third edition (ISO 3160-2:2003), of which it constitutes a technical revision.

ISO 3160 consists of the following parts, under the general title *Watch-cases and accessories — Gold alloy coverings*:

- *Part 1: General requirements*
- *Part 2: Determination of fineness, thickness, corrosion resistance and adhesion*

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Introduction

Gold alloy coatings deposited on watch-cases and their accessories have to comply with technical, decorative requirements and have to also satisfy national rules about precious metals.

This part of ISO 3160 aims to specify coating characterization methods to qualify their corrosion resistance and their adhesion to the substrate concerning esthetical and technical aspects, and to specify methods to determine thickness and gold fineness of these coatings to check that they satisfy the requirements of ISO 3160-1.