

INTERNATIONAL
STANDARD

ISO
3160-1

Second edition
1995-02-15

Watch cases and accessories — Gold alloy coverings —

Part 1:

General requirements
(standards.iteh.ai)

Boîtes de montres et leurs accessoires — Revêtements d'alliage d'or —

Partie 1: Exigences générales

<https://standards.iteh.ai/catalog/standards/slo/1274a5d-2dea-46fd-af55-c5331fa68490/iso-3160-1-1995>



Reference number
ISO 3160-1:1995(E)

Watch cases and accessories — Gold alloy coverings —

Part 1: General requirements

1 Scope

This part of ISO 3160 specifies general requirements concerning gold alloy coverings.

It applies to watch cases and their accessories, including bracelets when they are permanently attached to the case.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 3160. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 3160 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3160-2:1992, *Watch cases and accessories — Gold alloy coverings — Part 2: Determination of fineness, thickness, corrosion resistance and adhesion.*

ISO 3160-3:1993, *Watch cases and accessories — Gold alloy coverings — Part 3: Abrasion resistance tests of a type of coating on standard gauges.*

3 Definitions

For the purposes of this part of ISO 3160, the following definitions apply.

3.1 gold-plated covering: Covering achieved with a method by which a layer of gold alloy is applied to the component by an electrolytic, chemical or other process.

3.2 rolled-gold covering: Covering achieved with a method by which a layer of gold alloy is bonded to a sheet or bar of base metal, the whole then being subjected to reduction by rolling.

3.3 gold capping: Gold-plated covering which can be obtained by different methods in order to be permanently affixed to the component.

3.4 significant surface: That part of the surface which is to receive the gold covering and which is essential to the appearance or serviceability of the component.

3.5 fineness: Proportion of pure gold contained in the gold alloy, normally expressed in thousandths (41,67 thousandths = 1 carat).

4 Fineness of gold alloy

4.1 Gold-plated covering

The minimum fineness shall be 585 thousandths.

4.2 Rolled-gold covering

The minimum fineness shall be 417 thousandths.