

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Electroplated coatings of  
gold and gold alloy for  
decorative purposes**

**JIS H 8622**<sup>—1993</sup>

**Translated and Published**

**by**

**Japanese Standards Association**

**In the event of any doubt arising,  
the original Standard in Japanese is to be final authority.**

## JAPANESE INDUSTRIAL STANDARD

J I S

Electroplated coatings of gold and gold alloy  
for decorative purposes

H 8622-1993

1. Scope This Japanese Industrial Standard specifies the electroplated coatings of gold and gold alloy of 0.3  $\mu\text{m}$  or over in thickness of the significant surface <sup>(2)</sup> (hereafter referred to as "electroplated coatings") applied on the metallic or nonmetallic basis materials for decorative purposes <sup>(1)</sup>.

Notes <sup>(1)</sup> The decorative purposes mean the application of electroplated coatings mainly for watches, personal ornaments, personal sundries and others of which the properties such as appearance and wear resistance are considered to be important.

<sup>(2)</sup> The significant surface means the surface essential for serviceability and/or appearance.

Remarks 1. This Standard shall be applied only to the formed parts.

2. The following standards are cited in this Standard.

JIS H 0400 Glossary of terms used in electroplating

JIS H 0404 Graphical symbol for electroplated coating

JIS H 8501 Methods of thickness test for metallic coatings

JIS H 8502 Methods of corrosion resistance test for metallic coatings

JIS H 8503 Methods of wear resistance test for metallic coatings

JIS H 8504 Methods of adhesion test for metallic coatings

JIS Z 2244 Method of Vickers hardness test

JIS Z 2251 Method of Knoop hardness test

ISO 4524: 1985 Metallic coatings – Test methods for electrodeposited gold and gold alloy coatings

Part 1: Determination of coating thickness

Part 2: Environmental test

Part 3: Electrographic tests for porosity

Part 4: Determination of gold content

Part 5: Adhesion tests

2. Definition For the main terms used in this Standard, the definitions in JIS H 0400 apply, and the rest of the terms shall be as follows:

(1) electroplated coatings of gold Electroplated coatings of 99.9 % or over in gold content. They are generally soft electroplated coatings.