

JIS

JAPANESE INDUSTRIAL STANDARD

**Electroplated coatings of
nickel for engineering
purposes and
electroformings of nickel**

JIS H 8626^{—1995}

Translated and Published

by

Japanese Standards Association

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

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Electroplated coatings of nickel for
engineering purposes and electroformings of nickel H 8626-1995

1. Scope This Japanese Industrial Standard specifies electroplated coatings of nickel (hereafter, referred to as "coatings") on the significant surface (2) which are applied onto the iron and steel and nonferrous basis metals for engineering purposes (1) and the significant surface of electroformings of nickel (3) (hereafter, referred to as "electroformings").

Notes (1) The purposes of use for corrosion resistance, abrasion resistance, salvage plating, etc. However, even coatings for the purpose of corrosion resistance, when their minimum thicknesses are within the range of the value specified in JIS H 8617, shall conform to the requirements specified in the standard.

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

(3) This Standard specifies only the quality of electroformings of nickel itself and does not specify electroforming operations concerning shape, dimensions, precision, the material of mandrel, parting treatment, parting property, transfer property, etc., and characteristics concerning to the purposes of use.

Remarks 1. The standards cited in this Standard are shown in Attached Table 1.

2. The International standard corresponding to this Standard is shown in Attached Table 2.

2. Definitions For the purposes of this Standard, the definitions given in JIS H 0400 and the following definitions apply.

(1) As-plated condition and as-electroformed condition after electroplating and electroforming, the product is not machined or has not been machined.

(2) Machining a working wherein the surface of coatings and the surface of electroformings are cut and ground by a mechanical method.

3. Symbols for coatings and electroformings The symbols for coatings and electroformings shall be mainly affixed in accordance with JIS H 0404, and shall be as follows.

(1) For symbols of coatings, prefix E expressing the industrial use before the element symbol of nickel Ni, and connect them with a hyphene "-".

(2) The symbol expressing electroformings shall be Ef.

(3) Classify coatings and electroformings as given in Table 1 according to whether the product is machined or not after electroplating or electroforming.