UDC 003.62 : 621.357.7 : 669.058

JIS

JAPANESE INDUSTRIAL STANDARD

Graphical Symbol for Electroplated Coating

JIS H 0404—1988

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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Graphical Symbol for Electroplated Coating

H 0404-1988

1. Scope

This Japanese Industrial Standard specifies the graphical symbols for electroplated coating (1), hereinafter referred to as the "coatings".

Note (1) Coatings by the electroless plating of autocatalytic type are included.

2. Definitions

For the purpose of this Standard the following definitions apply. Other terms and definitions are given in JIS H 0400.

(1) classification of coatings The coatings classified by the classification of metals and alloys to be used for coatings.

example: copper coating, nickel coating, chromium coating.

(2) constructions of coatings Sequence of a series of coatings to construct the multilayer deposits.

Example: Copper, nickel and chromium coatings on ferrous basis material or zinc alloy basis material.

(3) types of coatings Coatings of the same class different in quality, form, method, etc.

Example 1. Among nickel coatings, the gloss nickel coating containing sulfur deposited from bath added with brightener.

Example 2. Dull finished nickel coatings not including sulfur deposited from bath added with smoothing agent.

(4) after-treatment Treatment conducted consequently with plating. The after-treatment specified specifically in this Standard is limited to the treatment directly related with plating.

Example: Baking to eliminate hydrogen embrittlement, chromate treatment, dyeing, transparent painting finish after zinc plating.

Applicable Standards and Reference Standards: See page 8.

(5) using environment Environment in which the plated products are used for the decoration, corrosion prevention, etc. i.e. atmosphere affecting the products directly or indirectly.

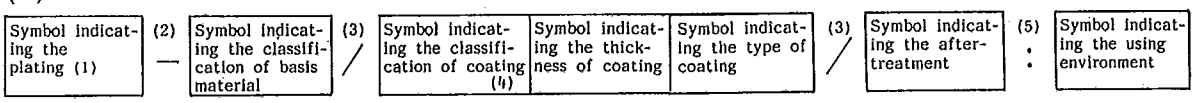
Example: Outdoor atmosphere strongly corrosive, ordinary indoor atmosphere.

3. Indication of Coatings with Symbols

The indication of coatings by symbols shall be conducted with using the symbols specified in 4. and shall comply with the sequence as given in (1). However, the sequence as given in (2) may be used for some time.

Moreover, the symbols not specially required for indication may be abridged.

(1)



Notes (1) Symbol indicating the electroplating or electroless plating. However, in the case where the coating layers are constructed by electroplating and electroless plating, the symbol indicating the final coating.

(2) Hyphen

(3) Oblique line

(4) In the case of multilayer deposits, indicate the coatings in the constructed order of nearness to the basis material by describing from left to right inserting comma in between.
In the case where the coating is constructed by the electroplating and electroless plating and is indicated differently with the symbol specified in (1), indicate the symbol of this fact prior to the symbol of coating by attaching a hyphen.

(5) Colon.

Example 1: Ep-Fe/Cu 20, Ni 25 b, Cr 0.1 r/:A
(Electroplating, ferrous basis material, copper coating 20 μm or over, gloss nickel coating 25 μm or over, ordinary chromium coating 0.1 μm or over, use in outdoor strongly corrosive)

Example 2: Ep-Fe/Zn 15/CM 2: B
(Electroplating, ferrous basis material, zinc coating 15 μm or over, coloured chromating, use in ordinary outdoor)

Example 3: Ep-cu/Ni 5 b, Cr 0.1 r/: D
(Electroplating, copper alloy basis material, gloss nickel coating 5 μm or over, normal chromium coating 0.1 μm or over, use in ordinary indoor)