

# JIS

**JAPANESE INDUSTRIAL STANDARD**

**Cold rolled stainless steel strip  
for springs**

**JIS G 4313**<sup>—1996</sup>

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**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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Cold rolled stainless steel strip  
for springs

G 4313-1996

1. Scope This Japanese Industrial Standard specifies the stainless steel strip (hereafter referred to as "strip") mainly intended for the use of leaf and spiral springs for automobiles, electric appliances or the like.

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

2. The related standards to this Standard are given in the following:

JIS H 3130 Copper beryllium alloy, phosphor bronze and nickel silver sheets, plates and strips for springs

ISO 6931-2:1989 Stainless steels for springs — Part 2: Strip

ISO 9447:1990 Cold-rolled stainless steel narrow strip — Tolerances on dimensions and form

3. A part of the chemical composition for the grade SUS 632J1-CSP infringes the right of the patents No. 1093951 (registered on April 27, 1982) and No. 1257664 (registered on March 29, 1985).

In addition, noting of this grade in this Standard does not mean that the dates of expiry for those industrial properties have passed.

2. Grade and symbol The strip shall be classified into 5 categories, and the symbol and type classification shall be as given in Table 1.

Table 1. Symbol of grade and classification of steel type

Symbol of grade	Classification of steel type
SUS 301-CSP SUS 304-CSP	Austenitic steel
SUS 420J2-CSP	Martensitic steel
SUS 631-CSP SUS 632J1-CSP	Precipitation hardening steel

3. Chemical composition

3.1 Cast analysis value The strip shall be tested in accordance with 8.1, and the cast analysis value shall be as given in Tables 2 to 4.

3.2 Product analysis value The product analysis value of the strip shall be tested in accordance with 8.1 on request by the purchaser, and its tolerance shall be as given in Table 4 of JIS G 0321.