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JIS G 4320 : 2003

(JSSA/JSA)

**Cold-formed stainless steel
sections**

ICS 77.140.20; 77.140.70

Reference number : JIS G 4320 : 2003 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Stainless Steel Association (JSSA)/the Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS G 4320 : 1991** is replaced with this Standard.

By this revision, addition of four shapes to the former equal leg angles, and classification into the five shapes such as equal leg angles, unequal leg angles, channels, lip channels, and hut channels are performed.

Date of Establishment: 1983-03-01

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Cold-formed stainless steel sections

1 Scope This Japanese Industrial Standard specifies cold-formed stainless steel sections used for constructions (hereafter referred to as “sections”).

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the Standards (including amendments) indicated below shall be applied.

JIS G 0404 *Steel and steel products—General technical delivery requirements*

JIS G 4304 *Hot rolled stainless steel plates, sheets and strip*

JIS G 4305 *Cold rolled stainless steel plates, sheets and strip*

JIS G 4310 *Method of mass calculation for stainless steel plates and sheets, and heat-resisting steel plates and sheets*

JIS Z 2201 *Test pieces for tensile test for metallic materials*

JIS Z 2241 *Method of tensile test for metallic materials*

JIS Z 8401 *Guide to the rounding of numbers*

3 Classification and symbols Classification of the section and symbols shall be as shown in Table 1.

Table 1 Classification and symbols

Symbol	Classification
SUS301L	Austenitic series
SUS304	
SUS304L	
SUS304N2	
SUS316	
SUS316L	
SUS329J4L	Austenitic-ferritic series
SUS430	Ferritic series
SUS444	

Remarks 1 In addition to Table 1, the symbols of class specified in **JIS G 4304** and **JIS G 4305** may be applied.

2 If it is necessary to express that the material is cold-formed section, -CF shall be added to the end of symbols of class.