

JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS G 3311 : 2016

(JISF)

Cold rolled special steel strip

ICS 77.140.50

Reference number : JIS G 3311 : 2016 (E)

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G 3311 : 2016

Date of Establishment: 1952-04-14

Date of Revision: 2016-02-22

Date of Public Notice in Official Gazette: 2016-02-22

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Metal and Inorganic Materials

JIS G 3311 : 2016, First English edition published in 2016-08

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Printed in Japan

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Contents

		Page
1	Scope	1
2	Normative references	1
3	Classification and symbols	1
4	Manufacturing method	2
5	Chemical composition	2
5.1	Heat analysis values	2
5.2	Product analysis values	2
6	Hardness	4
7	Physical properties	5
7.1	Microstructure	5
7.2	Decarburization	5
8	Appearance	5
9	Dimensions and dimensional tolerances	6
9.1	Expression of dimensions	6
9.2	Tolerances on thickness	6
9.3	Tolerances on width	7
9.4	Tolerances on length	7
10	Camber	7
11	Tests	8
11.1	Chemical analysis	8
11.2	Hardness test	8
11.3	Microstructure examination	9
11.4	Determination of depth of decarburization	9
12	Inspection and reinspection	9
12.1	Inspection	9
12.2	Reinspection	9
13	Marking	9
14	Report	10
Annex A (informative)	Range of hardness for as-cold-rolled steel strips and cut-to-lengths	11

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 Iron and Steel Federation (JISF) 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 3311:2010** is replaced with this Standard.

However, **JIS G 3311:2010** may be applied in the JIS mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until February 21, 2017.

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Cold rolled special steel strip

1 Scope

This Japanese Industrial Standard specifies cold rolled special steel strips (hereafter referred to as “steel strips”) and steel plates cut from steel strips (hereafter referred to as “cut-to-lengths”).

2 Normative references

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

JIS G 0320 *Standard test method for heat analysis of steel products*

JIS G 0321 *Product analysis and its tolerance for wrought steel*

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

JIS G 0415 *Steel and steel products — Inspection documents*

JIS G 0558 *Steels — Determination of depth of decarburization*

JIS Z 2244 *Vickers hardness test — Test method*

3 Classification and symbols

Steel strips and cut-to-lengths are classified into 38 types, and the symbols of grade shall be as given in Table 1.

Table 1 Symbol of grade

Division	Symbol of grade	Division	Symbol of grade	Division	Symbol of grade
Carbon steel	S30CM	Chromium steel	SCr420M	Nickel chromium molybdenum steel	SNCM220M
	S35CM		SCr435M		SNCM415M
	S45CM		SCr440M	Chromium molybdenum steel	SCM415M
	S50CM	Nickel chromium steel	SNC415M		SCM430M
	S55CM		SNC631M		SCM435M
	S60CM	Manganese steel	SNC836M	Spring steel	SCM440M
	S65CM		SMn438M		SUP6M
	S70CM		SMn443M		SUP9M
Carbon tool steel	S75CM	Alloy tool steel	SKS2M		SUP10M
	SK120M		SKS5M		
	SK105M		SKS51M		
	SK95M		SKS7M		
	SK85M		SKS81M		
	SK75M		SKS95M		
	SK65M				