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Cold rolled special steel strip

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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		SNC836M	SCM440M	
	S65CM	Manganese steel	SMn438M	Spring steel	SUP6M
	S70CM		SMn443M		SUP9M
S75CM	Alloy tool steel	SKS2M SKS5M SKS51M SKS7M SKS81M SKS95M	SUP10M		
Carbon tool steel			SK120M		
			SK105M		
			SK95M		
			SK85M		
			SK75M		
			SK65M		