JIS

JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS G 4313 : 2011

(JSSA/JSA)

Cold rolled stainless steel strip for springs

ICS 21.160;77.140.25;77.140.60
Reference number : JIS G 4313 : 2011 (E)

Date of Establishment: 1972-05-01

Date of Revision: 2011-02-21

Date of Public Notice in Official Gazette: 2011-02-21

Investigated by: Japanese Industrial Standards Committee

Standards Board

Technical Committee on Iron and Steel

JIS G 4313 : 2011, First English edition published in 2012-01

Translated and published by: Japanese Standards Association
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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

Printed in Japan KA/HN

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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 Japan Stainless Steel Association (JSSA)/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 4313**:1996 is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public or utility model right which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public or utility model right which have the said technical properties.

Cold rolled stainless steel strip for springs

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of ISO 6931-2 published in 2005 with some modifications of the technical contents.

The portions given sidelines or dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with explanations is given in Annex JB. Annex JA is not stated in the original International Standard.

1 Scope

This Standard specifies the stainless steel strip mainly used for flat springs and spiral springs (hereafter referred to as "the strip"). Further, this Standard applies to the cut-to-length which is cut from the strip.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows :

ISO 6931-2 : 2005 *Stainless steels for springs — Part 2 : Narrow strip* (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant International Standard and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

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*

NOTE : Corresponding International Standard : ISO 404 *Steel and steel products — General technical delivery requirements* (MOD)

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

NOTE : Corresponding International Standard : ISO 10474 *Steel and steel products — Inspection documents* (IDT)

JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room tem-*