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Stainless steel wires for springs

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In the event of any doubts arising as to the contents,
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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 4314:1994** is replaced with this Standard.

However, **JIS G 4314:1994** 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 19, 2014.

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Stainless steel wires for springs

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **ISO 6931-1** published in 1994 with some modifications of the technical contents.

The portions with continuous sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with explanations is given in Annex JB.

1 Scope

This Standard specifies the stainless steel wires for springs (hereafter referred to as “wires”) produced by using stainless steel wire rods.

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

ISO 6931-1:1994 *Stainless steels for springs—Part 1: Wire* (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 0404 *Steel and steel products—General technical delivery requirements*

JIS G 4308 *Stainless steel wire rods*

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

3 Symbol of grade, temper and classification and applicable wire diameter

3.1 Symbol of grade, temper and classification

Wires shall be classified into 5 grades, and their symbol of grade, temper and classification shall be as given in table 1.

Temper means heat-treatment and further drawing to be performed.