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Specification of products**

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Foreword

This Japanese Industrial Standard has been 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 Spring Manufacturers Association (JSMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS B 2710-4** : 2008), which has been technically revised.

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JIS B 2710 series consists of the following 4 parts under the general title *Leaf springs* — :

Part 1 : Vocabulary

Part 2 : Design method

Part 3 : Method of measuring and testing

Part 4 : Specification of products

Leaf springs— Part 4 : Specification of products

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 18137** : 2015, Edition 1, with some modifications of the technical contents.

The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard provides the product specifications of the leaf springs mainly used for automobiles, railway rolling stocks and industrial machines.

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

ISO 18137 : 2015 *Leaf springs — Technical specifications* (MOD)

In addition, 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

Part or all of the provisions of the following standards, 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 B 0103 *Springs — Vocabulary*

NOTE Normative reference in the corresponding International Standard : ISO 26909 *Springs — Vocabulary*

JIS B 0156 *Springs — Symbols*

NOTE Normative reference in the corresponding International Standard : ISO 16249 *Springs — Symbols*

JIS B 0205-2 *ISO general purpose metric screw threads — Part 2 : General plan*

JIS B 0209-2 *ISO general purpose metric screw threads — Tolerances — Part 2 : Limits of sizes for general purpose external and internal screw threads — Medium quality*

JIS B 0401-2 *Geometrical product specifications (GPS) — ISO code system for tolerances on linear sizes — Part 2 : Tables of standard tolerance classes and limit deviations for holes and shafts*

JIS B 1021 *Tolerances for fasteners — Part 1 : Bolts, screws, studs and nuts —*