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(JSMA/JSA)

**Disc springs — Part 2: Product  
specifications and method of testing**

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In the event of any doubts arising as to the contents,  
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## Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment 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. This Standard partially replaces **JIS B 2706** : 2013, which has been withdrawn.

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**JIS B 2706** series consists of the following 2 parts under the general title *Disc springs* —:

*Part 1 : Calculation*

*Part 2 : Product specifications and method of testing*

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# Disc springs — Part 2 : Product specifications and method of testing

## Introduction

This Japanese Industrial Standard has been prepared based on **ISO 19690-2** : 2018, Edition 1, with some modifications of the technical contents such as review of product specifications.

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 specifies the product specifications and measurement/testing methods of disc springs made of steel (hereafter referred to as springs).

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

ISO 19690-2 : 2018 *Disc springs — Part 2 : 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 7502 *Micrometers*

JIS B 7503 *Mechanical dial gauges*

JIS B 7507 *Geometrical product specifications (GPS) — Dimensional measuring equipment — Vernier, dial and digital callipers*

JIS B 7513 *Precision surface plates*