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Cold finished stainless steel bars

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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 4318:2007** is replaced with this Standard.

However, **JIS G 4318: 2007** 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 March 21, 2017.

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Cold finished stainless steel bars

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of **ISO 683-18** published in 2014 with some modifications of the technical contents.

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

1 Scope

This Standard specifies cold finished stainless steel bars (round bars, square bars, hexagonal bars and flat bars, which are hereafter referred to as bars).

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

ISO 683-18 : 2014 *Heat-treatable steels, alloy steels and free-cutting steels — Part 18 : Bright steel products (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

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.

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|--------------|--|
| JIS B 0401-2 | <i>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</i> |
| JIS G 0404 | <i>Steel and steel products — General technical delivery requirements</i> |
| JIS G 0415 | <i>Steel and steel products — Inspection documents</i> |
| JIS G 4303 | <i>Stainless steel bars</i> |
| JIS G 4304 | <i>Hot-rolled stainless steel plate, sheet and strip</i> |
| JIS G 4305 | <i>Cold-rolled stainless steel plate, sheet and strip</i> |
| JIS G 4308 | <i>Stainless steel wire rods</i> |
| JIS Z 2241 | <i>Metallic materials — Tensile testing — Method of test at room temperature</i> |
| JIS Z 2243 | <i>Brinell hardness test — Test method</i> |