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Steel socket-welding pipe fittings

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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 Pipe Fittings Association (JPFA)/ 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 B 2316**:2007 is replaced with this Standard.

However, **JIS B 2316**: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 September 19, 2018.

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# Steel socket-welding pipe fittings

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#### Introduction

This Japanese Industrial Standard was established in 1982 and has gone through five revisions since then, the last one of which was made in 2007. This revision was initiated to meet the users' demand for revising parts of this Standard, as well as to reflect the revised contents of the related Japanese Industrial Standards (**JIS**s).

No corresponding International Standard has been established at this point.

#### 1 Scope

This Standard specifies the steel seamless pipe fittings, to be fitted by socket-welding, mainly to pressure service pipings <sup>1)</sup>, high pressure service pipings <sup>2)</sup>, high temperature service pipings <sup>3)</sup>, alloy steel pipings <sup>4)</sup>, stainless steel pipings <sup>5)</sup> and low temperature service pipings <sup>6)</sup> (hereafter referred to as pipe fittings).

Supplementary quality requirements for pipe fittings are provided in Annex A, a part or all of which can be specified by agreement between the purchaser and the manufacturer.

- Notes 1) Pipings employing carbon steel pipes for pressure service specified in **JIS G 3454** 
  - <sup>2)</sup> Pipings employing carbon steel pipes for high pressure service specified in **JIS G 3455**
  - Pipings employing carbon steel pipes for high temperature service specified in **JIS G 3456**
  - <sup>4)</sup> Pipings employing alloy steel pipes specified in **JIS G 3458**
  - <sup>5)</sup> Pipings employing stainless steel pipes specified in **JIS G 3459**
  - Pipings employing steel pipes for low temperature service specified in **JIS G** 3460

#### 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 B 0151 Iron and steel pipe fittings—Vocabulary
- JIS B 0601 Geometrical Product Specifications (GPS)—Surface texture: Profile method—Terms, definitions and surface texture parameters
- JIS G 0404 Steel and steel products—General technical delivery requirements
- JIS G 0415 Steel and steel products—Inspection documents
- JIS G 0567 Method of elevated temperature tensile test for steels and heat-resisting alloys
- JIS G 3202 Carbon steel forgings for pressure vessels