

JIS

JAPANESE INDUSTRIAL STANDARD

**Stainless steel forgings
for pressure vessels**

JIS G 3214^{—1991}

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by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Stainless steel forgings for pressure vessels

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1. Scope

This Japanese Industrial Standard specifies the stainless steel forgings mainly used for corrosion resistant and high temperature pressure vessels and their parts (hereafter referred to as the "forgings"). However, pertaining to austenitic stainless steel forgings, this Standard is also applicable to low temperature pressure vessels and low temperature service parts.

Remarks: Applicable standards to this Standard are shown as follows.

- JIS B 0601-Definitions and Designation of Surface Roughness
- JIS G 0306-Steel Forgings — General Technical Requirements
- JIS G 0321-Product Analysis and its Tolerance for Wrought Steel
- JIS G 0565-Methods for Magnetic Particle Testing of Ferromagnetic Materials and Classification of Magnetic Particle Indication
- JIS G 0567-Method of High Temperature Tensile Test for Steels and Heat-Resisting Alloys
- JIS G 0571-Method of 10 Per Cent Oxalic Acid Etch Test for Stainless Steels
- JIS G 0575-Method of Copper Sulfate-Sulfuric Acid Test for Stainless Steels
- JIS G 1211-Methods for Determination of Carbon in Iron and Steel
- JIS G 1212-Methods for Determination of Silicon in Iron and Steel
- JIS G 1213-Methods for Determination of Manganese in Iron and Steel
- JIS G 1214-Methods for Determination of Phosphorus in Iron and Steel
- JIS G 1215-Methods for Determination of Sulfur in Iron and Steel
- JIS G 1216-Methods for Determination of Nickel in Iron and Steel
- JIS G 1217-Methods for Determination of Chromium in Iron and Steel
- JIS G 1218-Methods for Determination of Molybdenum in Iron and Steel
- JIS G 1219-Methods for Determination of Copper in Iron and Steel
- JIS G 1223-Methods for Determination of Titanium in Iron and Steel
- JIS G 1228-Methods for Determination of Nitrogen in Iron and Steel
- JIS G 1237-Methods for Determination of Niobium in Steel
- JIS G 1253-Method for Photoelectric Emission Spectrochemical Analysis of Iron and Steel
- JIS G 1256-Method for X-Ray Fluorescence Spectrometric Analysis of Iron and Steel
- JIS G 1257-Methods for Atomic Absorption Spectrochemical Analysis of Iron and Steel
- JIS K 2238-Machine Oils