

JIS

JAPANESE INDUSTRIAL STANDARD

High tensile strength carbon
steel castings and low alloy
steel castings
for structural purposes

JIS G 5111—1991

Translated and Published

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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High tensile strength carbon steel castings G 5111-1991
and low alloy steel castings for structural purposes**1. Scope**

This Japanese Industrial Standard specifies high tensile strength carbon steel castings and low alloy steel castings for structural purposes (including centrifugally cast steel pipes, hereafter referred to as the "steel castings").

Remarks: The following Standards are cited in this Standard:

JIS G 0307-Steel Castings-General Technical Requirements

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 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 G 1258-Methods for Inductively Coupled Plasma Emission Spectrochemical Analysis of Steel

2. Classes

The classes of steel castings shall be as given in Table 1.