

# JIS

## JAPANESE INDUSTRIAL STANDARD

### Carbon steel castings

#### JIS G 5101—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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Carbon steel castings

G 5101-1991

1. Scope

This Japanese Industrial Standard specifies carbon steel castings (including centrifugal casting steel pipes (hereafter referred to as the "steel castings")).

Remarks 1. 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 1214 Methods for Determination of Phosphorus in Iron and Steel
- JIS G 1215 Methods for Determination of Sulfur 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. The corresponding international standard to this standard is as follows:

ISO 3755: 1976 Cast steels for general engineering purposes

2. Classes

The classes of steel castings shall be in accordance with Table 1.