

JIS

JAPANESE INDUSTRIAL STANDARD

Quenched and Tempered Alloy Steel Forgings for Pressure Vessels

JIS G 3204—1988

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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Quenched and Tempered Alloy Steel
Forgings for Pressure Vessels

G 3204-1988

1. Scope

This Japanese Industrial Standard specifies the quenched and tempered alloy steel forgings, hereinafter referred to as the "forgings", for pressure vessels and components thereof, in which especially weldability is taken into consideration.

Remark: The units and numerical values given in { } in this Standard are in accordance with the International System of Units (SI), and are appended for informative reference.

Further, the traditional units accompanied by numerical values in this Standard shall be converted to the SI units and numerical values on Jan. 1, 1991.

2. Designation of Grade

Designation of grade of the forgings shall be as shown in Table 1.

Table 1. Designation of Grade

Designation of grade
SFVQ 1 A
SFVQ 1 B
SFVQ 2 A
SFVQ 2 B
SFVQ 3

3. Chemical Composition

The forgings shall be subjected to the test of 9.2, and the chemical composition thereof shall be as follows:

- (1) The chemical composition of the forgings shall be determined by the ladle analysis, and the values obtained shall conform to Table 2.
- (2) When the product analysis on the forgings is performed by the request of the purchaser, its tolerance shall conform to the requirements of Table 3 in JIS G 0321.

Applicable Standards: See page 7.