



JAPANESE
INDUSTRIAL
STANDARD

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JIS B 6915 : 2010

(HTTAJ)

**Process of nitriding and nitrocarburizing
of iron and steel**

(Amendment 1)

JIS B 6915 : 1999 has been revised under date of August 20, 2010. The revised items are included in this Amendment 1 and use this in combination with JIS B 6915 : 1999.

ICS 25.200;77.140.01

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Foreword

This translation has been made based on the Amendment to 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 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 6915:1999 is partially replaced with this Amendment.

Date of Establishment: 1973-10-01

Date of Revision: 2010-08-20

Date of Public Notice in Official Gazette: 2010-08-20

Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee on Iron and Steel

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Process of nitriding and nitrocarburizing of iron and steel (Amendment 1)

JIS B 6915 : 1999 is revised as follows.

5 Material to be processed

Replace table 2 by the following

Table 2 Classification of materials to be processed

Standard number	Symbol of grade
a) Carbon and alloy steels for machine structural use	
JIS G 4051	S10C, S12C, S15C, S17C, S20C, S22C, S25C, S28C, S30C, S33C, S35C, S38C, S40C, S43C, S45C, S48C, S50C, S53C, S55C, S58C S09CK, S15CK, S20CK
JIS G 4052	SMn420H, SMn433H, SMn438H, SMn443H SMnC420H, SMnC443H SCr415H, SCr420H, SCr430H, SCr435H, SCr440H SCM415H, SCM418H, SCM420H, SCM425H, SCM435H, SCM440H, SCM445H, SCM822H SNC415H, SNC631H, SNC815H SNCM220H, SNCM420H
JIS G 4053	SMn420, SMn433, SMn438, SMn443 SMnC420, SMnC443 SCr415, SCr420, SCr430, SCr435, SCr440, SCr445 SCM415, SCM418, SCM420, SCM421, SCM425, SCM430, SCM432, SCM435, SCM440, SCM445, SCM822 SNC236, SNC415, SNC631, SNC815, SNC836 SNCM220, SNCM240, SNCM415, SNCM420, SNCM431, SNCM439, SNCM447, SNCM616, SNCM625, SNCM630, SNCM815 SACM645