

JAPANESE INDUSTRIAL STANDARD

Translated and Published by Japanese Standards Association

JIS G 3507-2:2005

(JWPA)

Carbon steels for cold heading —

Part 2: Wires

ICS 77.140.10; 77.140.65

Reference number: JIS G 3507-2:2005 (E)

G 3507-2:2005

Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minster of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal of establishing a Japanese Industrial Standard from Japan Wire Products Association (JWPA), with a draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

Consequently JIS 3539:1991 is replaced with this Standard.

This Standard has been made based on ISO 4954:1993 Steels for cold heading and cold extruding for the purpose of making it easier to compare this Standard with International Standard; to prepare Japanese Industrial Standard conforming with International Standard; and to propose a draft of an International Standard which is based on Japanese Industrial Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

JIS G 3507 consists of the following 2 parts under the general title "Carbon steels for cold heading":

Part 1: Wire rods

Part 2: Wires

Date of Establishment: 2005-01-20

Date of Public Notice in Official Gazette: 2005-01-20

Investigated by: Japanese Industrial Standards Committee

Standards Board

Technical Committee on Iron and Steel

JIS G 3507-2: 2005, First English edition published in 2005-05

Translated and published by: Japanese Standards Association 4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

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

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Printed in Japan IH/HB

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Carbon steels for cold heading—Part 2: Wires

JIS G 3507-2:2005

Introduction This Japanese Industrial Standard has been prepared based on the second edition of ISO 4954 *Steels for cold heading and cold extruding* published in 1993 with some modifications of the technical contents.

Portions given sidelines are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanations is given in annex 1 (informative).

1 Scope This part of JIS G 3507 specifies the carbon steel wires for cold heading (hereinafter referred to as "wires") to be used for the manufacture of various types of screws such as bolts, nuts, rivets, machine screws and tapping screws and various parts by cold heading.

Remarks: The International Standard corresponding to this part of JIS G 3507 is as follows.

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21.

ISO 4954:1993 Steels for cold heading and cold extruding (MOD)

- 2 Normative references The standards listed in attached table 1 contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including the amendments) shall be applied.
- 3 Symbol of grade The wires shall be classified into 6 grades for rimmed or equivalent steel, 11 grades for aluminium-killed steel and 21 grades for killed steel, and their symbols shall be as given in table 1.