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(JWPA)

**Low carbon steel wires**

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In the event of any doubts arising as to the contents,  
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## Foreword

This translation has been made based on 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 submitted by Japan Wire Products Association (JWPA) 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 G 3532 : 2000** is replaced with this Standard.

However, **JIS G 3532 : 2000** may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until August 20th, 2011.

This **JIS** document is protected by the Copyright Law.

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 or utility model right. 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, or utility model right.

# Low carbon steel wires

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of ISO 10544 published in 1992 with some modifications of the technical contents.

The portions given sidelines or dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of modifications with the explanations is given in Annex JB. And, Annex JA is the matter not stated in the original International Standard.

## 1 Scope

This Standard specifies the ordinary low carbon steel wire, low carbon steel wire for nail manufacturing, annealed low carbon steel wire and cold-reduced steel wire designed for the reinforcement of concrete or for use in welded fabric (hereafter referred to as "wire").

NOTE: The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 10544 : 1992 *Cold-reduced steel wire for the reinforcement of concrete and the manufacture of welded fabric* (MOD)

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 21-1.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS A 5508 *Nails*

JIS G 3505 *Low carbon steel wire rods*

JIS Z 2241 *Metallic materials—Tensile testing—Method of test at room temperature*

NOTE : Corresponding International Standard : ISO 6892-1 *Metallic materials—Tensile testing—Part 1: Method of test at room temperature* (MOD)

## 3 Terms and definitions

For the purposes of this Standard, the following terms and definitions apply.