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**Stainless steel wire ropes for
general purposes**

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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)/ Japanese Standards Association (JSA) 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 3557:2004** is replaced with this Standard.

However, **JIS G 3557:2004** 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 March 21, 2017.

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Stainless steel wire ropes for general purposes

1 Scope

This Japanese Industrial Standard specifies general stainless steel wire ropes used for machines, construction works, ships, fishery and the like (hereafter referred to as “ropes”).

It is not applicable to wire ropes for aircraft control, wire ropes for mechanical control and stainless steel wire ropes for structure.

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 B 7507 *Vernier, dial and digital callipers*

JIS G 0201 *Glossary of terms used in iron and steel (Heat treatment)*

JIS G 4308 *Stainless steel wire rods*

JIS Z 8401 *Guide to the rounding of numbers*

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS G 0201**, and the following apply.

3.1 wire

stainless steel wires constituting the strand

3.2 strand

a constitutional element of a rope obtained by twisting multiple wires together

3.3 core

a generic term for fibre core, rope core and strand core

3.3.1 fibre core

a fibre rope which constitutes the centre of a rope

There are natural fibre cores and synthetic fibre cores.

3.3.2 rope core

a fibre rope constituting the centre of a rope, which has the 7×7 construction, designated with the symbol IWRC

3.3.3 strand core

a strand constituting the centre of a rope, which is constructed by laying 7, 19 or 37 wires