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**Webbing slings for lifting purposes**

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## Contents

	Page
1	Scope ..... 1
2	Normative references ..... 1
3	Terms and definitions ..... 1
4	Classification and symbols ..... 4
4.1	Classification ..... 4
4.2	Symbols of classification ..... 6
5	Performance ..... 7
5.1	Proof load ..... 7
5.2	Breaking load ..... 7
5.3	Elongation ..... 7
5.4	Damage resistance ..... 7
6	Structure and dimensions ..... 7
6.1	Structure ..... 7
6.2	Dimensions ..... 7
7	Appearance ..... 8
8	Material ..... 8
9	Manufacturing method ..... 9
9.1	Eye ..... 9
9.2	Stitched part ..... 9
9.3	Main body ..... 10
10	Test methods ..... 10
10.1	Standard condition of test site ..... 10
10.2	Tensile test for webbing slings with large working limit load and/or length ..... 10
10.3	Proof load test ..... 10
10.4	Tensile test ..... 12
10.5	Elongation test ..... 12
10.6	Damage resistance test ..... 13
11	Inspection ..... 13
11.1	Type of inspection ..... 13
11.2	Type inspection ..... 14
11.3	Delivery inspection ..... 14
12	Designation of products ..... 14
13	Marking ..... 15

14	Instruction manual .....	16
Annex A (normative)	Webbing slings other than those specified in table 3 .....	17
Annex B (normative)	Working load of webbing slings .....	20
Annex C (normative)	Using standard of webbing slings .....	22
Annex D (normative)	Criteria for checks of webbing slings .....	24

## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Health, Labour and Welfare and 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 The Japan Society of Industrial Machinery Manufacturers (JSIM)/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 B 8818:2007** is replaced with this Standard.

However, **JIS B 8818:2007** 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 February 24, 2016.

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# Webbing slings for lifting purposes

## 1 Scope

This Japanese Industrial Standard specifies the webbing slings for lifting purposes intended for crane work of cranes and winches (hoisting machines).

## 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) listed below shall be applied.

JIS B 0148 *Lifting equipment—Terminology*

JIS B 2803 *Hooks*

JIS L 0105 *General principles of physical testing methods for textiles*

JIS L 0204-2 *Glossary of terms used in fibre—Part 2: Man-made fibres*

JIS L 0205 *Glossary of terms used in yarn*

JIS L 0208 *Glossary of terms used in textile industry—Testing*

JIS Z 2320-1 *Non-destructive testing—Magnetic particle testing—Part 1: General principles*

JIS Z 2343-1 *Non-destructive testing—Penetrant testing—Part 1: General principles—Method for liquid penetrant testing and classification of the penetrant indication*

JIS Z 2343-5 *Non-destructive testing—Penetrant testing—Part 5: Penetrant testing at temperatures higher than 50 °C*

JIS Z 2343-6 *Non-destructive testing—Penetrant testing—Part 6: Penetrant testing at temperatures lower than 10 °C*

## 3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS B 0148**, **JIS L 0105**, **JIS L 0204-2**, **JIS L 0205** and **JIS L 0208** and the following apply.

### 3.1 working load limit

maximum mass of load which a single webbing sling is designed to sustain

It is also referred to as WLL.

### 3.2 working load

maximum mass of load which can be used on the webbing sling, specified factoring in the suspension angle, service environment or other matters

It is also referred to as WL.