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Test methods for screw for timber structure

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Contents

| | | Page |
|-----|--|------|
| 1 | Scope | 1 |
| 2 | Normative reference | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Symbols | 2 |
| 5 | Test temperature | 2 |
| 6 | Test methods | 2 |
| 6.1 | Types of tests | 2 |
| 6.2 | Monotonic bending test | 3 |
| 6.3 | Repetitive bending test | 13 |
| 6.4 | Tensile strength test | 13 |
| 6.5 | Torsional strength test | 14 |
| 7 | Test report | 17 |
| 7.1 | Common report items | 17 |
| 7.2 | Report items for each test | 17 |
| | Annex A (normative) Test data handling method | 19 |
| | Annex B (informative) Method for wedge tensile strength test | 20 |

Foreword

This Japanese Industrial Standard has been established by the Minister of Economy, Trade and Industry, through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Act.

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Test methods for screw for timber structure

1 Scope

This Japanese Industrial Standard specifies the methods of monotonic bending test, repetitive bending test, tensile strength test and torsional strength test on screws for timber structures used for mutually joining wood or timber to be mainly applied to the important portions of wooden structures for the structural proof strength.

2 Normative reference

Part or all of the provisions of the following standard, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

JIS B 0101 *Screw threads and fasteners — Vocabulary*

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions, and those given in JIS B 0101 apply.

3.1

timber

wood or that machined for reconfiguration/bond-moulding

3.2

screw for timber structure

screw used for a joint in the important portions for the structural proof strength of wooden structure, capable of being worked without drilling a prepared hole in wood or timber

3.3

knurl

groove-worked portion provided on the surface of body of screw, which has a minimum diameter larger than the minor diameter of thread and is machined for the purpose of the pull between a main member and a side member or the workability improvement by enlarging the prepared hole in the drilled thread

3.4

bit

jig used to connect a recess on a screw head and a tool for work to rotate the thread

3.5