SS ISO 15835-2: 2020 ISO 15835-2:2018, IDT (ICS 77.140.15)

SINGAPORE STANDARD

Steels for the reinforcement of concrete — Reinforcement couplers for mechanical splices of bars

— Part 2: Test methods





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National Foreword

This Singapore Standard was prepared by the Technical Committee on Building Structures and Substructures under the purview of BCSC.

This standard is identical with ISO 15835-2:2018, "Steels for the reinforcement of concrete — Reinforcement couplers for mechanical splices of bars — Part 2: Test methods", published by the International Organization for Standardizations.

NOTE 1 – Reference to International Standards are replaced by applicable Singapore Standards/Technical References.

NOTE 2 - Where numerical values are expressed as decimals, the comma is read as a full point.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

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- 1. Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions. Where SSs are deemed to be stable, i.e. no foreseeable changes in them, they will be classified as "Mature Standards". Mature Standards will not be subject to further review, unless there are requests to review such standards.
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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/TC 17, *Steel*, Subcommittee SC 16, *Steels for the reinforcement and prestressing of concrete*.

This second edition cancels and replaces the first edition (ISO 15835-2:2009), which has been technically revised with changes made to Clauses 5 and 6, 5.2, 5.4 and 5.6 and Table 1. The figures have been revised and renumbered.

A list of all the parts in the ISO 15835 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Steels for the reinforcement of concrete — Reinforcement couplers for mechanical splices of bars — Part 2: Test methods

1 Scope

This document specifies test methods applicable to couplers for mechanical splices of steel reinforcing bars.

This document is applicable to the various standards for steel reinforcing bars as well as the various reinforced concrete design standards.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6892-1:2016, Metallic materials — Tensile testing — Part 1: Method of test at room temperature

ISO 9513, Metallic materials — Calibration of extensometer systems used in uniaxial testing

ISO 15630-1, Steel for the reinforcement and prestressing of concrete — Test methods — Part 1: Reinforcing bars, wire rod and wire

ISO 15835-1, Steels for the reinforcement of concrete — Reinforcement couplers for mechanical splices of bars — Part 1: Requirements

ISO 16020, Steel for the reinforcement and prestressing of concrete — Vocabulary