

INTERNATIONAL STANDARD

ISO
6935-3

First edition
1992-12-15

Steel for the reinforcement of concrete —

Part 3: Welded fabric

*Acier à béton pour armatures passives —
Partie 3: Treillis soudés*



Reference number
ISO 6935-3:1992(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6935-3 was prepared by Technical Committee ISO/TC 17, *Steel*, Sub-Committee SC 16, *Steels for the reinforcement and prestressing of concrete*.

ISO 6935 consists of the following parts, under the general title *Steel for the reinforcement of concrete*:

- Part 1: *Plain bars*
- Part 2: *Ribbed bars*
- Part 3: *Welded fabric*

Annex A of this part of ISO 6935 is for information only.

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International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Steel for the reinforcement of concrete —

Part 3: Welded fabric

1 Scope

This part of ISO 6935 specifies technical requirements for factory made sheets or rolls of welded fabric, manufactured from steel wires or bars with diameters from 4 mm to 16 mm and designed for the reinforcement of concrete structures and the ordinary reinforcement of prestressed concrete structures.

For the purpose of this part of ISO 6935 the term "wire" also includes bars.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 6935. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 6935 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 404:1992, *Steel and steel products — General technical delivery requirements*.

ISO 6892:1984, *Metallic materials — Tensile testing*.

ISO 6935-1:1991, *Steel for the reinforcement of concrete — Part 1: Plain bars*.

ISO 6935-2:1991, *Steel for the reinforcement of concrete — Part 2: Ribbed bars*.

ISO 10065:1990, *Steel bars for reinforcement of concrete — Bend and rebend tests*.

ISO 10287:—¹⁾, *Steel for the reinforcement of concrete — Determination of strength of joints in welded fabric*.

ISO 10544:—¹⁾, *Cold-reduced steel wire for the reinforcement of concrete and the manufacture of welded fabric*.

ISO 11082:—¹⁾, *Certification scheme for welded fabric for the reinforcement of concrete structures*.

3 Definitions

For the purposes of this part of ISO 6935, the following definitions apply.

3.1 test unit: The number of pieces or the tonnage of products to be accepted or rejected together, on the basis of the tests to be carried out on sample products in accordance with the requirements of the product standard or order. [ISO 404]

3.2 certification scheme: Certification system as related to specified products, processes or services to which the same particular standards and rules, and the same procedure, apply. [ISO/IEC Guide 2]

3.3 characteristic value: Value having a prescribed probability of not being attained in a hypothetical unlimited test series. [ISO 8930]

NOTE 1 Equivalent to *fractile*, which is defined in ISO 3534.

3.4 fabric: A geometrical arrangement of longitudinal and transverse wires that are arranged substantially at right angles to each other and welded together at all points of intersection.

1) To be published.