

Non-parallel steel wire and cords for tyre reinforcement

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee ISE/71, Steel rods for wire drawing.

A list of organizations represented on this committee can be obtained on request to its secretary.

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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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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.

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ISO 17832 was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 17, *Steel wire rod and wire products*.

Non-parallel steel wire and cords for tyre reinforcement

1 Scope

This International Standard specifies the definition and requirements of non-parallel steel wire and cords for tyre reinforcement.

2 Normative references

The following referenced documents are indispensable for the application 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 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

ISO 3951-1, *Sampling procedures for inspection by variables — Part 1: Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL*

ISO 3951-2, *Sampling procedures for inspection by variables — Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics*

ISO 3951-3, *Sampling procedures for inspection by variables — Part 3: Double sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

ISO 3951-5, *Sampling procedures for inspection by variables — Part 5: Sequential sampling plans indexed by acceptance quality limit (AQL) for inspection by variables (known standard deviation)*

ASTM D2229-04, *Standard Test Method for Adhesion Between Steel Tire Cords and Rubber*

ASTM D2969-04, *Standard Test Methods for Steel Tire Cords*

BISFA, *Test methods for steel tyre cords*, 1995 Edition

JIS G 3510, *Testing Methods for Steel Tire Cords*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

filament (wire)

metal fibre with brass coating used as an individual element in a strand or cord

3.2

strand

group of filaments combined together to form a unit product for further processing