
**Steel wire and wire products —
Part 2:
Tolerances on wire dimensions**

Fil produits de fil en acier —

Partie 2: Tolérances sur les dimensions des fils

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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.

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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 17, *Steel*, Subcommittee SC 17, *Steel wire rod and wire products*.

This second edition cancels and replaces the first edition (ISO 22034-2:2007), which has been technically revised.

ISO 22034 consists of the following parts, under the general title *Steel wire and wire products*:

- *Part 1: General test methods*
- *Part 2: Tolerances on wire dimensions*

Steel wire and wire products —

Part 2: Tolerances on wire dimensions

1 Scope

This part of ISO 22034 specifies the tolerances on the diameter of round wire and, where applicable, on the length of round wire cut to length, for bright (i.e. uncoated) steel wire, metallic-coated steel wire and non-metallic-coated steel wire.

This part of ISO 22034 applies to round wires in the diameter range 0,050 mm to 25,00 mm.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6929, *Steel products — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 6929 and the following apply.

3.1

wire

product of constant cross section along its length, obtained by drawing a cold wire rod through a reducing die or passing it under pressure between rollers and rewinding the drawn product

Note 1 to entry: Wire can be supplied with a metallic or non-metallic coating, or with both, or without a coating.

3.2

cut length

straightened piece of wire cut to a specified length