
**Textile machinery and accessories —
Main dimensions for section wires for
metallic card clothing —**

Part 1:

Foot without interlocking or interchaining

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*Matériel pour l'industrie textile — Dimensions principales des fils pour
garnitures de carte*

Partie 1: Profil sans talon autobloquant, ni enchaîné

ISO 9903-1:2003

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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

ISO 9903-1 was prepared by Technical Committee ISO/TC 72, *Textile machinery and machinery for dry-cleaning and industrial laundering*, Subcommittee SC 1, *Spinning preparatory, spinning, twisting and winding machinery and accessories*.

This first edition, together with the first edition of ISO 9903-2, cancels and replaces ISO 9903:1991, which has been technically revised.

ISO 9903 consists of the following parts, under the general title *Textile machinery and accessories — Main dimensions for section wires for metallic card clothing*:

- *Part 1: Foot without interlocking or interchaining*
- *Part 2: Foot with interchaining*

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Textile machinery and accessories — Main dimensions for section wires for metallic card clothing —

Part 1: Foot without interlocking or interchaining

1 Scope

This part of ISO 9903 specifies the main dimensions for section wires for metallic card clothing with foot without interlocking or interchaining.

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 5234, *Textile machinery and accessories — Metallic card clothing — Terms and definitions*

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3 Terms, definitions and symbols

For the purposes of this document, the terms and definitions and the symbols given in ISO 5234 apply.

4 Dimensions

Dimensions shall be in accordance with Figure 1 and Table 1.

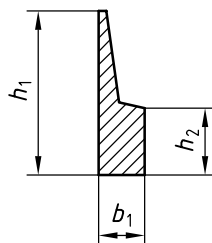


Figure 1 — Section wire Type A

Table 1 — Main dimensions

Dimensions in millimetres

b_1	h_1	h_2
0 -0,02		
0,5 0,6	$2 \pm 0,02$	1,3
0,5 0,6 0,7	$2,5 \pm 0,02$	1,3
0,6 0,7 0,8 0,9	$2,8 \pm 0,02$	1,3
0,8 0,9 1,0 1,2	$3,2 \pm 0,02$	1,3
0,8 0,9 1,0 1,2 1,4 1,6	$4 \pm 0,02$	1,3
1,0 1,2 1,4 1,6 1,8 2,0 2,5	$5 \pm 0,03$	1,5
1,0 1,1 1,2 1,3 1,4 1,5 1,6 1,7 1,8 2,0 2,5	$5,5 \pm 0,04$	1,5

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5 Designation

The designation of a section wire with foot without interlocking or interchaining, Type A, shall include the following information in the order given:

- a) "Section wire";
- b) reference to this part of ISO 9903 (i.e. ISO 9903-1);
- c) the type of section wire (Type A);
- d) the dimension b_1 , in millimetres;
- e) the dimension h_1 , in millimetres.

EXAMPLE A section wire, Type A, of rib width $b_1 = 0,9$ mm and total height of wire $h_1 = 3,2$ mm is designated as follows:

Section wire ISO 9903-1 — A 0,9 × 3,2

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