

STN	Textílie Metódy analýzy konštrukcie tkanín Časť 2: Stanovenie počtu nití na jednotku dĺžky (ISO 7211-2: 2024)	STN EN ISO 7211-2 80 4212
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Textiles - Methods for analysis of woven fabrics construction - Part 2: Determination of number of threads per unit length (ISO 7211-2:2024)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/24

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EN ISO 7211-2

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English Version

**Textiles - Methods for analysis of woven fabrics
construction - Part 2: Determination of number of threads
per unit length (ISO 7211-2:2024)**

Textiles - Méthodes d'analyse de la construction des
tissus - Partie 2: Détermination du nombre de fils par
unité de longueur (ISO 7211-2:2024)

Textilien - Verfahren zur Analyse des Aufbaus von
Webwaren - Teil 2: Bestimmung der Anzahl der Fäden
je Längeneinheit (ISO 7211-2:2024)

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EN ISO 7211-2:2024 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 7211-2:2024) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with Technical Committee CEN/TC 248 "Textiles and textile products" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.

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Endorsement notice

The text of ISO 7211-2:2024 has been approved by CEN as EN ISO 7211-2:2024 without any modification.



International Standard

ISO 7211-2

Textiles — Methods for analysis of woven fabrics construction —

Part 2: Determination of number of threads per unit length

*Textiles — Méthodes d'analyse de la construction des tissus —
Partie 2: Détermination du nombre de fils par unité de longueur*

**Second edition
2024-08**

ISO 7211-2:2024(en)**COPYRIGHT PROTECTED DOCUMENT**

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Contents		Page
Foreword.....		iv
1	Scope.....	1
2	Normative references.....	1
3	Terms and definitions.....	1
4	Principle.....	1
5	Minimum measuring distance.....	2
6	Conditioning and testing atmosphere.....	2
7	Preparation of test specimens.....	2
8	Method A — Dissection of fabric.....	2
	8.1 Apparatus.....	2
	8.2 Procedure.....	3
9	Method B — Counting glass.....	3
	9.1 Apparatus.....	3
	9.2 Procedure.....	3
10	Method C — Traversing thread counter.....	3
	10.1 Apparatus.....	3
	10.2 Procedure.....	3
11	Calculation and expression of results.....	4
12	Test report.....	4

ISO 7211-2:2024(en)

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 document 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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This document was prepared by Technical Committee ISO/TC 38, *Textiles*, Subcommittee SC 24, *Conditioning atmospheres and physical tests for textile fabrics*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 7211-2:1984), which has been technically revised.

The main changes are as follows:

- in [Clause 5](#), two columns from the former Table have been deleted;
- in [Clause 12](#), "Test report", mandatory items have been added;
- the Annex has been deleted.

A list of all parts in the ISO 7211 series can be found on the ISO website.

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Textiles — Methods for analysis of woven fabrics construction —

Part 2: Determination of number of threads per unit length

1 Scope

This document specifies three methods for the determination of the number of threads per centimetre in woven fabrics. Any of the three methods can be used, the choice depending on the character of the fabric. However, in case of dispute, method A takes precedence.

- Method A: Dissection of fabric, suitable for all fabrics. This is the most laborious method but has fewer limitations than the others; in particular, it is the only one that is really suitable for the examination of certain folded structures and other complicated weaves.
- Method B: Counting glass, suitable for fabrics with more than 50 threads per centimetre.
- Method C: Traversing thread counter, suitable for all fabrics.

Where the number of threads per centimetre is low, it can be convenient to express the results as the number of threads per decimetre.

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 139, *Textiles — Standard atmospheres for conditioning and testing*

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