



SLOVENSKI STANDARD
SIST EN 1885:2018+A1:2025

01-maj-2025

Perje in puh - Izrazi in definicije (vključno z dopolnilom A1)

Feather and down - Terms and definitions

Federn und Daunen - Begriffe

Plumes et duvets - Termes et définitions

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ICS:

01.040.59	Tekstilna in usnjarska tehnologija (Slovarji)	Textile and leather technology (Vocabularies)
59.040	Pomožni materiali za tekstilije	Textile auxiliary materials

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EUROPEAN STANDARD

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English Version

Feather and down - Terms and definitions

Plumes et duvets - Termes et définitions

Federn und Daunen - Begriffe

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 1885:2018+A1:2025) has been prepared by Technical Committee CEN/TC 443 “Feather and down”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by September 2025, and conflicting national standards shall be withdrawn at the latest by September 2025.

This document includes Amendment 1 approved by CEN on 13 January 2025.

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This document supersedes A1 EN 1885:2018. A1

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

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EN 1885:2018+A1:2025 (E)

1 Scope

This document defines the principal terms used in the field of feather and down.

2 Normative References

There are no normative references in this document.

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

3.1 Concerning the structure

3.1.1

plumage

all elements (quill feathers, feathers, down, plumule) of the covering of different kinds of waterfowl and landfowl

3.1.2

quill feather

stiff, coarse, wing and tail plumage. It has a longer and stiffer vane (3.1.12) than a feather (3.1.3.1)

3.1.3

Feather

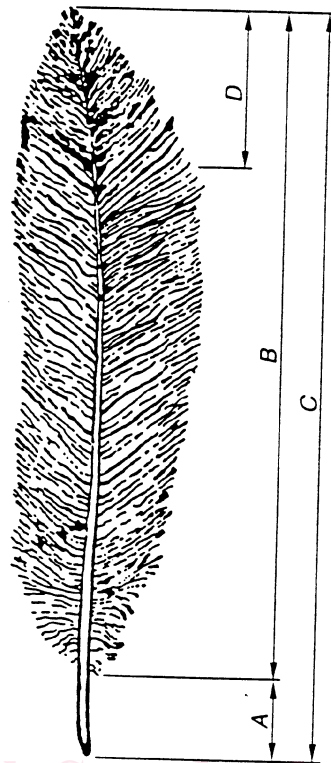
3.1.3.1

feather (general)

plumage (3.1.1) without quill feathers (3.1.2)

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**Key**

A quill point (3.1.10)

B quill shaft (3.1.9)

C quill (3.1.8)

D upper quill (see damaged feather 3.3.7)

Figure 1 — Feather**3.1.3.2****feather (specific)**

horny integument of fowls, with shorter and softer vane (3.1.12) than quill feather (3.1.2) and, unlike plumules (3.1.17), a well-developed quill (3.1.8)

3.1.4**neck feather**

smallest feathers from the neck and head area

**Figure 2 — Neck feathers**

EN 1885:2018+A1:2025 (E)**3.1.5****nestling feather****pin feather**

feather (3.1.3.1) not fully developed, having no distinguishable quill (3.1.8) but with relatively short coarse barbs (3.1.20)

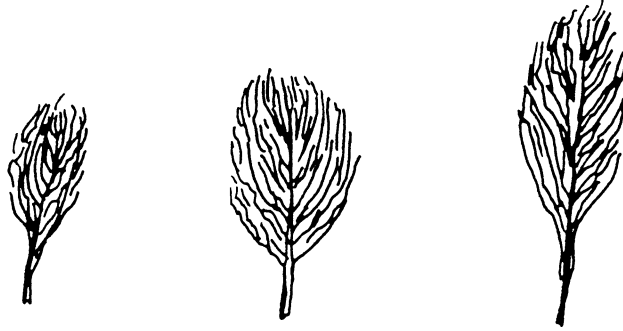


Figure 3 — Nestling feather

3.1.6**filoplumes**

feathers with a bare quill without vane but with a brushed tip

3.1.7**flat feather**

feather (3.1.3.1) with straight vane (3.1.12)

3.1.8**quill**

axial part of quill feather (3.1.2) and feathers (3.1.3.1). It is formed by the quill point (3.1.10) and the quill shaft (3.1.9)

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Note 1 to entry: See Figure 1.

3.1.9**quill shaft**

part of the quill (3.1.8) which carries the vane (3.1.12)

Note 1 to entry: See Figure 1 and Figure 2.

3.1.10**quill point**

part of the quill (3.1.8) inserted in the skin and partially protruding from it

Note 1 to entry: See Figure 1 and Figure 2.

3.1.11**after shaft**

feather (3.1.3.1) that branches off from the same quill point (3.1.10) of a normal feather and that is smaller than this one; it is typical for chickens and turkeys

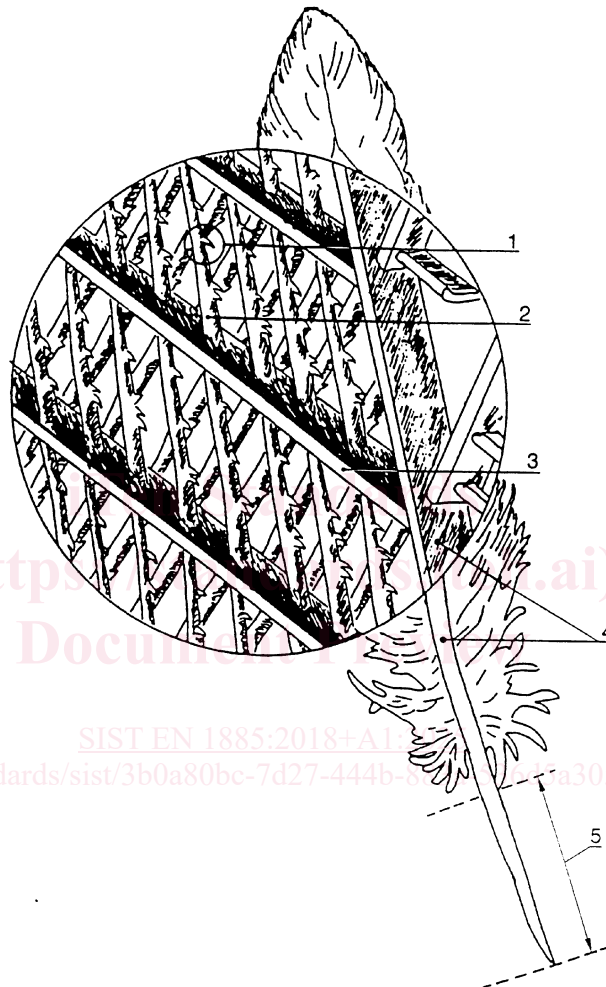
Note 1 to entry: See Figure 13.

3.1.12**vane**

the whole of feather barbs (3.1.20) intimately connected among them by means of barbules (3.1.22); it branches off from the quill shaft (3.1.9)

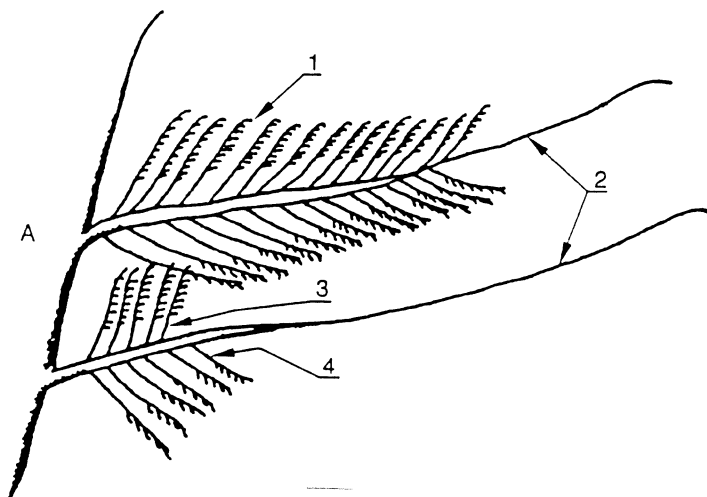
Note 1 to entry: Present in quill feather (3.1.2) and feathers (3.1.3.1) but absent in down (3.1.13).

Note 2 to entry: See Figure 2.

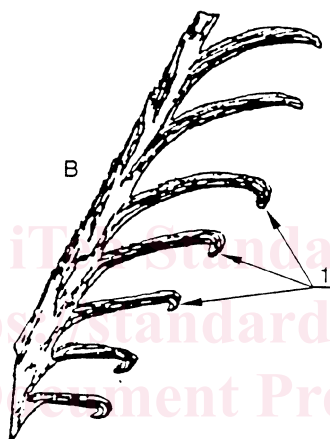
**Key**

1	prong (3.1.23)	3	barb (3.1.20)	5	quill point (3.1.10)
2	barbule (3.1.22)	4	quill shaft (3.1.9)		

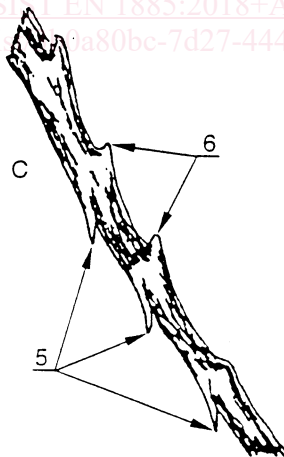
Figure 4 — Feather with magnification of the vane (3.1.12)



a) outer face of the quill



b) Sketch of upper barbules with prongs



c) Sketch of lower barbules with thorns and clamp teeth

Key

1 prongs (3.1.23)	4 lower barbules (3.1.22)
2 barb (3.1.20)	5 thorns (3.1.24)
3 upper barbules (3.1.22)	6 clamp teeth (3.1.25)

Figure 5 — Feather vane (3.1.12) with details of upper and lower barbules (3.1.22)