



**SLOVENSKI STANDARD**  
**oSIST prEN 1885:2017**  
**01-februar-2017**

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**Perje in puh - Izrazi in definicije**

Feather and down - Terms and definitions

Federn und Daunen - Benennungen und Definitionen

Plumes et duvets - Termes et définitions

**Ta slovenski standard je istoveten z: prEN 1885**

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English Version

## Feather and down - Terms and definitions

Plumes et duvets - Termes et définitions

Federn und Daunen - Benennungen und Definitionen

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

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## Contents

Page

European foreword.....	3
<b>1 Scope.....</b>	<b>4</b>
<b>2 Terms and definitions .....</b>	<b>4</b>
<b>2.1 Concerning the structure .....</b>	<b>4</b>
<b>2.2 According to the type of animal (see Annex A).....</b>	<b>14</b>
<b>2.3 Other terms and definitions.....</b>	<b>16</b>
<b>Annex A (informative) Zoological scheme for waterfowl and landfowl.....</b>	<b>18</b>
<b>Annex B (informative) Qualitative identification of the elements constituting the plumage of fowl species .....</b>	<b>19</b>
<b>B.1 General.....</b>	<b>19</b>
<b>B.2 Morphological characteristics allowing to differentiate the elements .....</b>	<b>19</b>
<b>B.3 Morphological characteristics allowing to single out the fowl species .....</b>	<b>20</b>
<b>B.3.1 By visual examination .....</b>	<b>20</b>
<b>B.3.1.1 Eiderdown.....</b>	<b>20</b>
<b>B.3.1.2 Goose.....</b>	<b>20</b>
<b>B.3.1.3 Duck.....</b>	<b>20</b>
<b>B.3.1.4 Landfowl.....</b>	<b>20</b>
<b>B.3.2 Microscope method.....</b>	<b>21</b>
<b>B.3.2.1 Goose.....</b>	<b>21</b>
<b>B.3.2.2 Duck.....</b>	<b>21</b>
<b>Bibliography.....</b>	<b>22</b>

## European foreword

This document (prEN 1885:2016) has been prepared by Technical Committee CEN/TC 443 “Feather and down”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 1885:1998.

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## prEN 1885:2016 (E)

## 1 Scope

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

## 2 Terms and definitions

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

### 2.1 Concerning the structure

#### 2.1.1

##### plumage

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

#### 2.1.2

##### quill feather

stiff, coarse, wing and tail plumage. It has a longer and stiffer vane (2.1.12) than a feather (2.1.3.1)

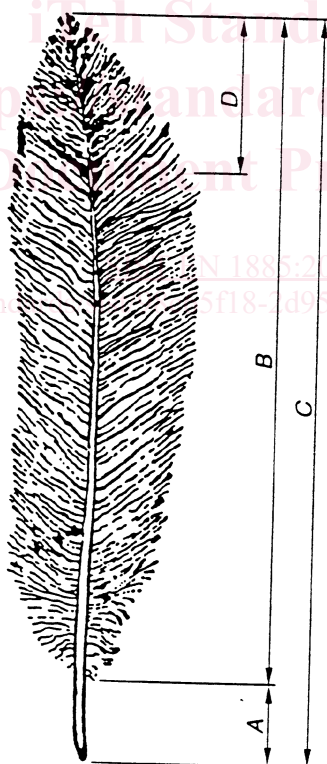
#### 2.1.3

##### Feather

#### 2.1.3.1

##### feather (general)

plumage (2.1.1) without quill feathers (2.1.2)



#### Key

A quill point (2.10)

B quill shaft (2.9)

C quill (2.8)

D upper quill (see damaged feather 4.7)

Figure 1 — Feather

**2.1.3.2****feather (specific)**

horny integument of fowls, with shorter and softer vane (2.1.12) than quill feather (2.1.2) and, unlike plumules (2.1.17), a well-developed quill (2.1.8)

**2.1.4****neck feather**

smallest feathers from the neck and head area



Figure 2 — Neck feathers

**2.1.5****nestling feather****pin feather**

feather (2.1.3.1) not fully developed, having no distinguishable quill (2.1.8) but with relatively short coarse barbs (2.20)



Figure 3 — Nestling feather

**2.1.6****filoplumes**

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

**2.1.7****flat feather**

feather (2.1.3.1) with straight vane (2.1.12)

**prEN 1885:2016 (E)****2.1.8****quill**

axial part of quill feather (2.1.2) and feathers (2.1.3.1). It is formed by the quill point (2.1.10) and the quill shaft (2.1.9)

Note 1 to entry: See Figure 1.

**2.1.9****quill shaft**

part of the quill (2.1.8) which carries the vane (2.1.12)

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

**2.1.10****quill point**

part of the quill (2.1.8) inserted in the skin and partially protruding from it

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

**2.1.11****after shaft**

feather (2.1.3.1) that branches off from the same quill point (2.1.10) of a normal feather and that is smaller than this one; it is typical of chickens and turkeys

Note 1 to entry: See Figure 13.

**2.1.12****vane**

the whole of feather barbs (2.1.20) intimately connected among them by means of barbules (2.1.22); it branches off from the quill shaft (2.1.9)

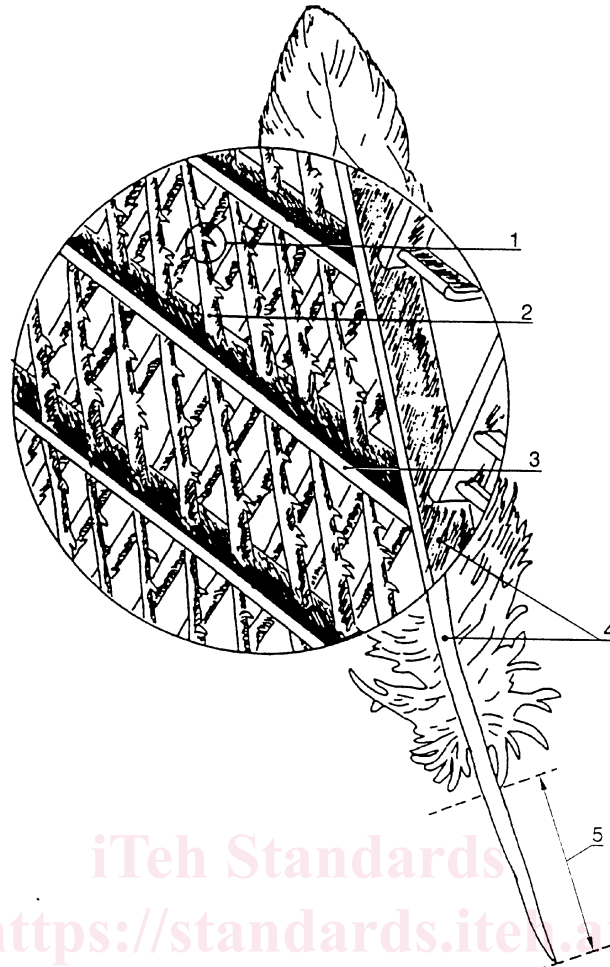
Note 1 to entry: Present in quill feather (2.1.2) and feathers (2.1.3.1) but absent in down (2.1.13).

Note 2 to entry: See Figure 2.

[SIST EN 1885:2018](https://standards.iteh.ai/SIST/EN/1885/2018)

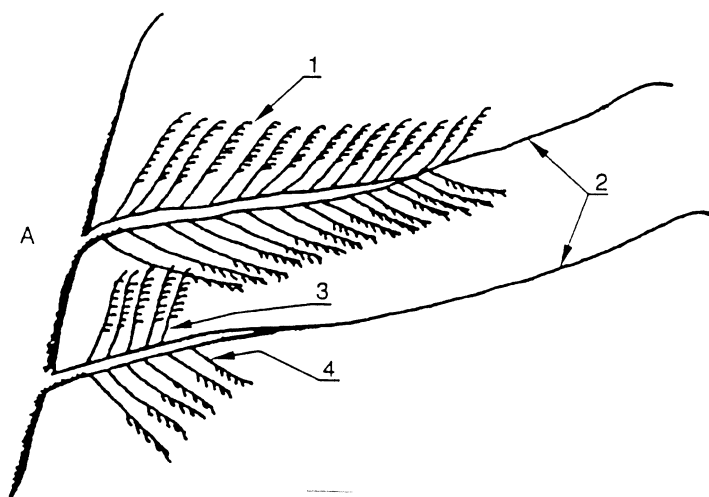
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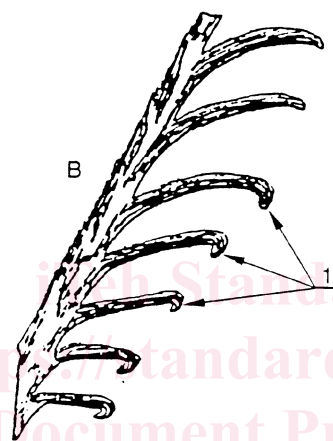
**Key**

- 1 prong (2.1.23)
- 2 barbule (2.1.22)
- 3 barb (2.1.20)
- 4 quill shaft (2.1.9)
- 5 quill point (2.1.10)

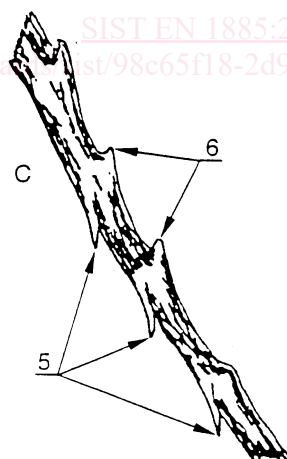
**Figure 4 — Feather with magnification of the vane (2.1.12)**



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 (2.1.23)         | 4 | lower barbules (2.1.22) |
| 2 | barb (2.1.20)           | 5 | thorns (2.1.24)         |
| 3 | upper barbules (2.1.22) | 6 | clamp teeth (2.1.25)    |

Figure 5 — Feather vane (2.1.12) with details of upper and lower barbules (2.1.22)