INTERNATIONAL STANDARD

ISO 366-3

Second edition
2009-03-01

Textile machinery and accessories — Reeds —

Part 3: Dimensions and designation of metal reeds with double-spring baulk

Matériel pour l'industrie textile — Peignes —

Partie 3: Dimensions et désignation des peignes métalliques à ligature double

Reference number
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Contents

Page

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 366-3 was prepared by Technical Committee ISO/TC 72, *Textile machinery and accessories*, Subcommittee SC 3, *Machinery for fabric manufacturing including preparatory machinery and accessories*.

This second edition cancels and replaces the first edition (ISO 366-3:1988), which has been technically revised.

ISO 366 consists of the following parts, under the general title *Textile machinery and accessories — Reeds*:

— *Part 1: Pitch bound reeds — Dimensions*

— *Part 2: Dimensions and designation of metal reeds with plate baulk*

— *Part 3: Dimensions and designation of metal reeds with double-spring baulk*

— *Part 4: Dimensions and designation of plastic-bound metal reeds*

— *Part 5: Dimensions and designation of profile capsules*

Textile machinery and accessories — Reeds —

Part 3: Dimensions and designation of metal reeds with double-spring baulk

1 Scope

This part of ISO 366 specifies the dimensions and designation of metal reeds with double-spring baulk for weaving machines.

2 Dimensions

The dimensions of metal reeds with double-spring baulk shown in Figure 1 and given in Table 1, and the tolerance of perpendicularity of dents according Figure 2, shall be met.

3 Designation

The designation of metal reeds with double-spring baulk shall include the following information in the order given:

a) "Metal reed with double-spring baulk";

b) reference to this part of ISO 366, i.e. ISO 366-3;

c) inner height of the reed, e, in millimetres;

d) overall height of the reed, h_1, in millimetres;

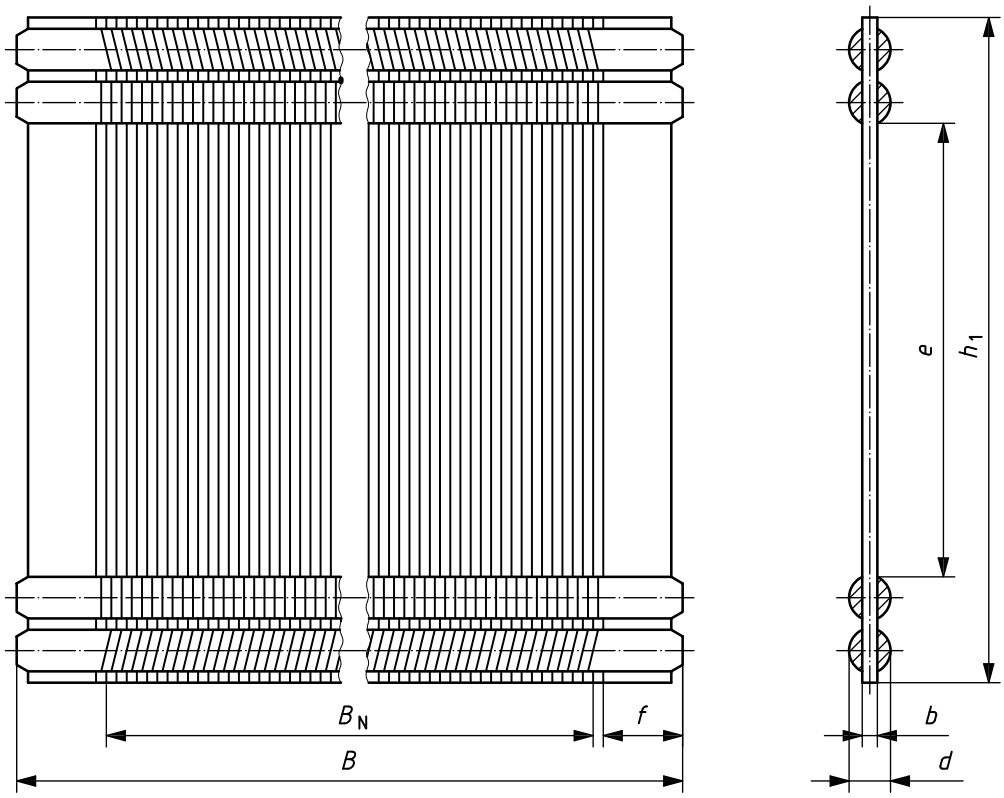
e) thickness of the reed baulk, d, in millimetres;

f) width of the dents of the reed, b, in millimetres;

g) type of steel used for the dents of the reed, i.e. plain or stainless.

EXAMPLE A metal reed with double-spring baulk of total height $h_1 = 150$ mm, of thickness of reed baulk $d = 8$ mm, and having dents of width $b = 4$ mm, made of stainless steel, is designated as follows:

Metal reed with double-spring baulk ISO 366-3 - 150 × 8 × 4 stainless steel



Key

B overall width of reed
B_N usable width
b width of dents of reed
d thickness of reed baulk (approximate value, depends on the thickness or diameter of the wire)
e inner height of reed
h_1 total height of reed
f width of end piece

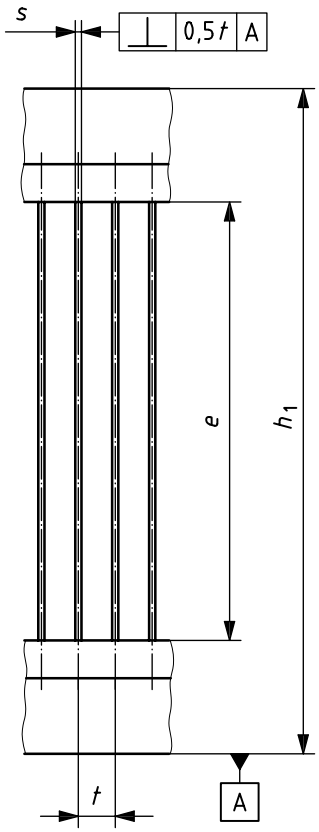
Figure 1 — Metal reed with double-spring baulk

Table 1 — Dimensions of metal reeds with double-spring baulk

Dimensions in millimetres

Total height of reed h_1	**Width of dents of reed** b			
	3	4	(5)	6
	Thickness of reed baulk d			
	6,5	8	(9)	10
110				
120				
130				
140				
150				
160				

NOTE The grey table elements show the dimensions recommended for metal reed with plate baulk.



Key

e	inner height of reed
h_1	total height of reed
s	thickness of dents
t	distance of dents

Figure 2 — Tolerance of perpendicularity of dents in relation to base of reed

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