
**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
ISO 366-3:2009(E)

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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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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.

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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.

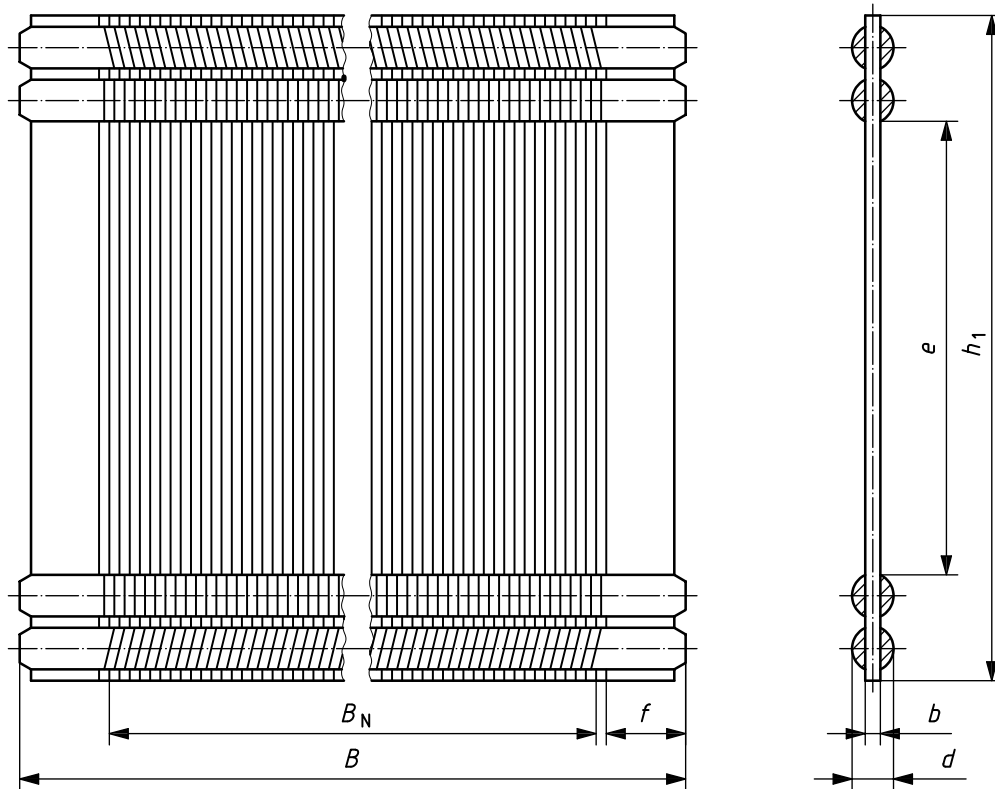
3 Designation

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

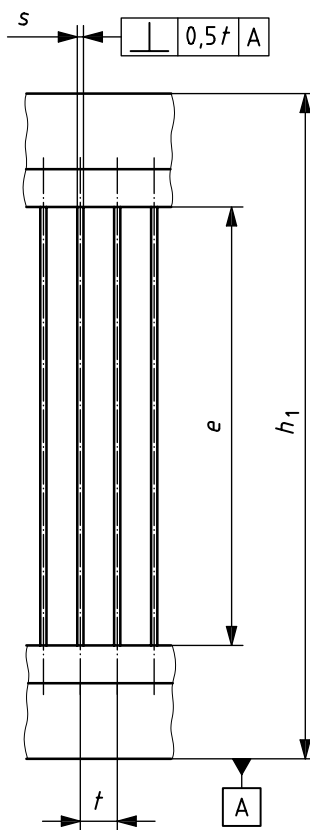
Figure 1 — Metal reed with double-spring baulk

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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