

Textile machinery and accessories — Reeds

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

ICS 59.120.30

National foreword

This British Standard is the UK implementation of ISO 366-2:2009.

The UK participation in its preparation was entrusted to Technical Committee TCI/33, Textile machinery.

A list of organizations represented on this committee can be obtained on request to its secretary.

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

Matériel pour l'industrie textile — Peignes —

*Partie 2: Dimensions et désignation des peignes métalliques soudés
à bandes*



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Foreword

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ISO 366-2 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 366-2:1988), 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 2: Dimensions and designation of metal reeds with plate baulk

1 Scope

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

2 Dimensions

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

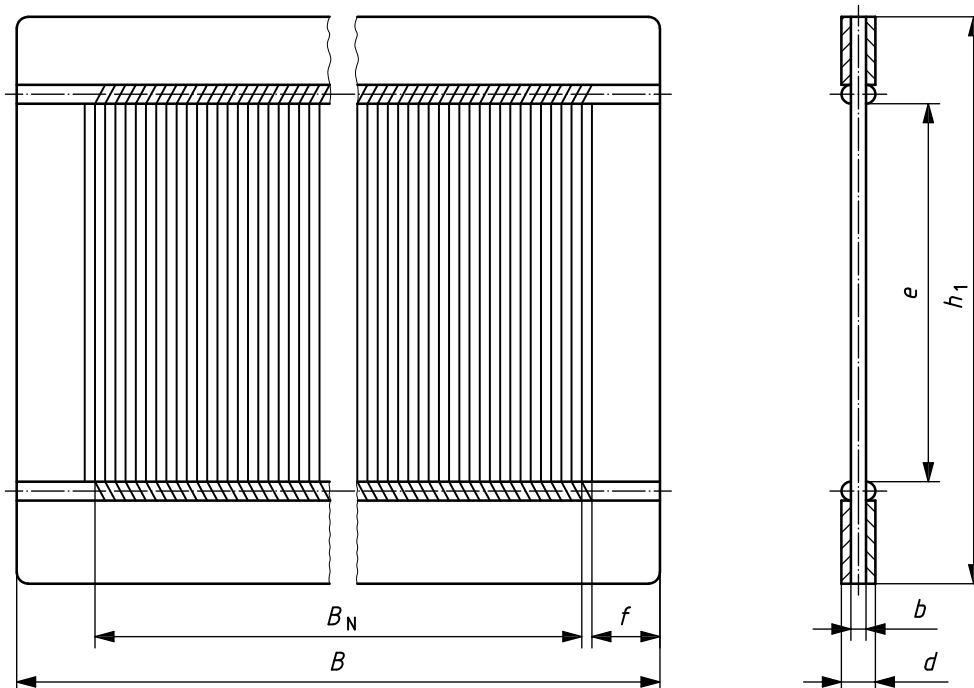
3 Designation

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

- a) “Metal reeds with plate baulk”;
- b) reference to this part of ISO 366, i.e. ISO 366-2;
- c) inner height of the reed, e , in millimetres;
- d) total 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 plate baulk of total height $h_1 = 150$ mm, of thickness of reed baulk of $d = 8$ mm and having dents of width $b = 4$ mm, made of stainless steel, is designated as follows:

Metal reed with plate baulk ISO 366-2 - 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
- e inner height of reed
- h_1 total height of reed
- f width of end piece

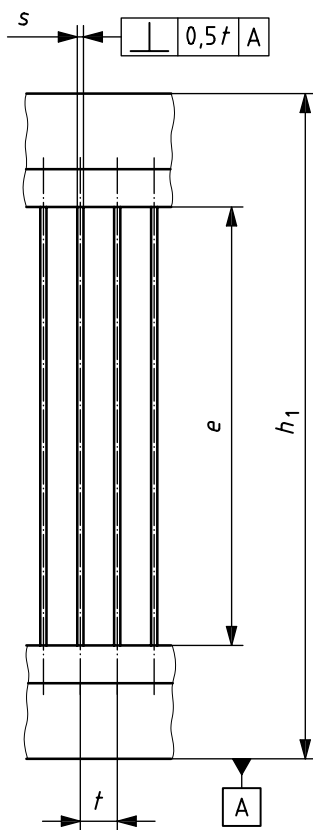
Figure 1 — Metal reed with plate baulk

Table 1 — Dimensions of metal reeds with plate baulk

Dimensions in millimetres

Total height of reed h_1	Width of dents of reed b					
	3			4		
	Thickness of reed baulk d					
	5	5,5	8	6	6,5	8
90						
100						
110						
120						
130						
140						
150						
160						
180						

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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