
**Textile machinery and accessories —
Strip steel for dents of reeds —**

**Part 1:
Cold rolled strip steel**

*Matériel pour l'industrie textile — Feuillards d'acier pour dents de
peignes —*

Partie 1: Feuillards d'acier laminé à froid



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Foreword

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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 9473-1 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 first edition of ISO 9473-1, together with ISO 9473-2, cancels and replaces ISO 9473:1988, of which it constitutes a technical revision.

ISO 9473 consists of the following parts, under the general title *Textile machinery and accessories — Strip steel for dents of reeds*:

- *Part 1: Cold rolled strip steel*
- *Part 2: Hardened strip steel*

Textile machinery and accessories — Strip steel for dents of reeds —

Part 1: Cold rolled strip steel

1 Scope

This part of ISO 9473 specifies the dimensions and the designation of cold rolled strip steel used to manufacture dents of reeds according to ISO 366-1, ISO 366-2, ISO 366-3, and 366-4.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 366-1, *Textile machinery and accessories — Reeds — Part 1: Pitch bound reeds — Dimensions*

ISO 366-2, *Textile machinery and accessories — Reeds — Part 2: Metal reeds with plate baulk — Dimensions and designation*

ISO 366-3, *Textile machinery and accessories — Reeds — Part 3: Metal reeds with double-spring baulk — Dimensions and designation*

ISO 366-4, *Textile machinery and accessories — Reeds — Part 4: Dimensions and designation of plastic-bound metal reeds*

3 Dimensions

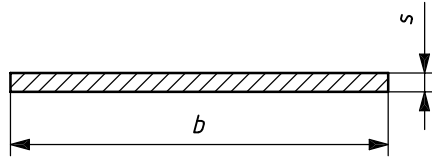
The dimensions of cold rolled strip steel for dents of reeds shown in Figure 1 are given in Table 1.

4 Material

The material should be agreed on between the purchaser and the supplier.

5 Requirements

The edges of the dents shall be rounded.



Key

- b* width (depth)
- s* thickness

Figure 1 — Cold rolled strip steel dimensions

Table 1 — Cold rolled strip steel dimensions and tolerances

Dimensions in millimetres

<i>s</i>		<i>b</i>						
nom.	tol.	3 ± 0,04	4 ± 0,04	(5 ± 0,05)	6 ± 0,05	8 ± 0,06	(10 ± 0,075)	12 ± 0,075
0,1	± 0,005							
0,11								
0,12								
0,13								
0,14								
0,16								
0,18								
0,2	± 0,007							
0,22								
0,23								
0,26								
0,28								
0,31								
0,34	± 0,01							
0,36								
0,37								
0,4								
0,45								
0,5	± 0,015							
0,6								
0,7								
0,8	± 0,02							
1								
1,25								
1,6								

Values shown in parentheses should be avoided whenever possible.
 The standardized cross-sections are those in the toned areas.

6 Designation

The designation of a cold rolled strip steel for dents of reeds shall include the following information, in the order given:

- a) "Cold rolled strip steel";
- b) the type of steel used, i.e. plain or stainless;
- c) reference to this part of ISO 9473, i.e. ISO 9473-1;
- d) the width (depth), b ;
- e) the thickness, s .

EXAMPLE A strip stainless steel for dents of reeds of width (depth) $b = 3$ mm and thickness $s = 0,18$ mm is designated as follows:

Cold rolled strip steel stainless ISO 9473-1 - 3 × 0,18

ICS 59.120.30; 77.140.50

Price based on 3 pages