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**Textile machinery and accessories — Flat  
steel healds with closed end loops —**

Part 1:

**Dimensions of healds manufactured of  
rolled steel wire**

iTeh STANDARD PREVIEW

(standards.iteh.ai)

*Matériel pour l'industrie textile — Lisses en acier plat avec boucles  
d'extrémités fermées*

*Partie 1: Dimensions des lisses fabriquées en fils d'acier laminé*

ISO 363-1:2006

<https://standards.iteh.ai/catalog/standards/sist/31b51f9a-4620-4388-b6fe-700b6cbbf4c6/iso-363-1-2006>



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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 363-1 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 363-1 cancels and replaces ISO 363:1992, of which it constitute a technical revision.

ISO 363 consists of the following parts, under the general title *Textile machinery and accessories — Flat steel healds with closed end loops*:

- iTeH STANDARD PREVIEW  
(standards.iteh.ai)
- ISO 363-1:2006
- <https://standards.iteh.ai/catalog/standards/sist/31b51f9a-4620-4388-b6fe-700b6cbb4c6/iso-363-1-2006>
- *Part 1: Dimensions of healds manufactured of rolled steel wire*
  - *Part 2: Dimensions of healds manufactured of hardened strip steel*

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# Textile machinery and accessories — Flat steel healds with closed end loops —

## Part 1: Dimensions of healds manufactured of rolled steel wire

### 1 Scope

This part of ISO 363 specifies the main dimensions of flat steel healds with closed end loops, manufactured of rolled steel wire for use in the textile industry.

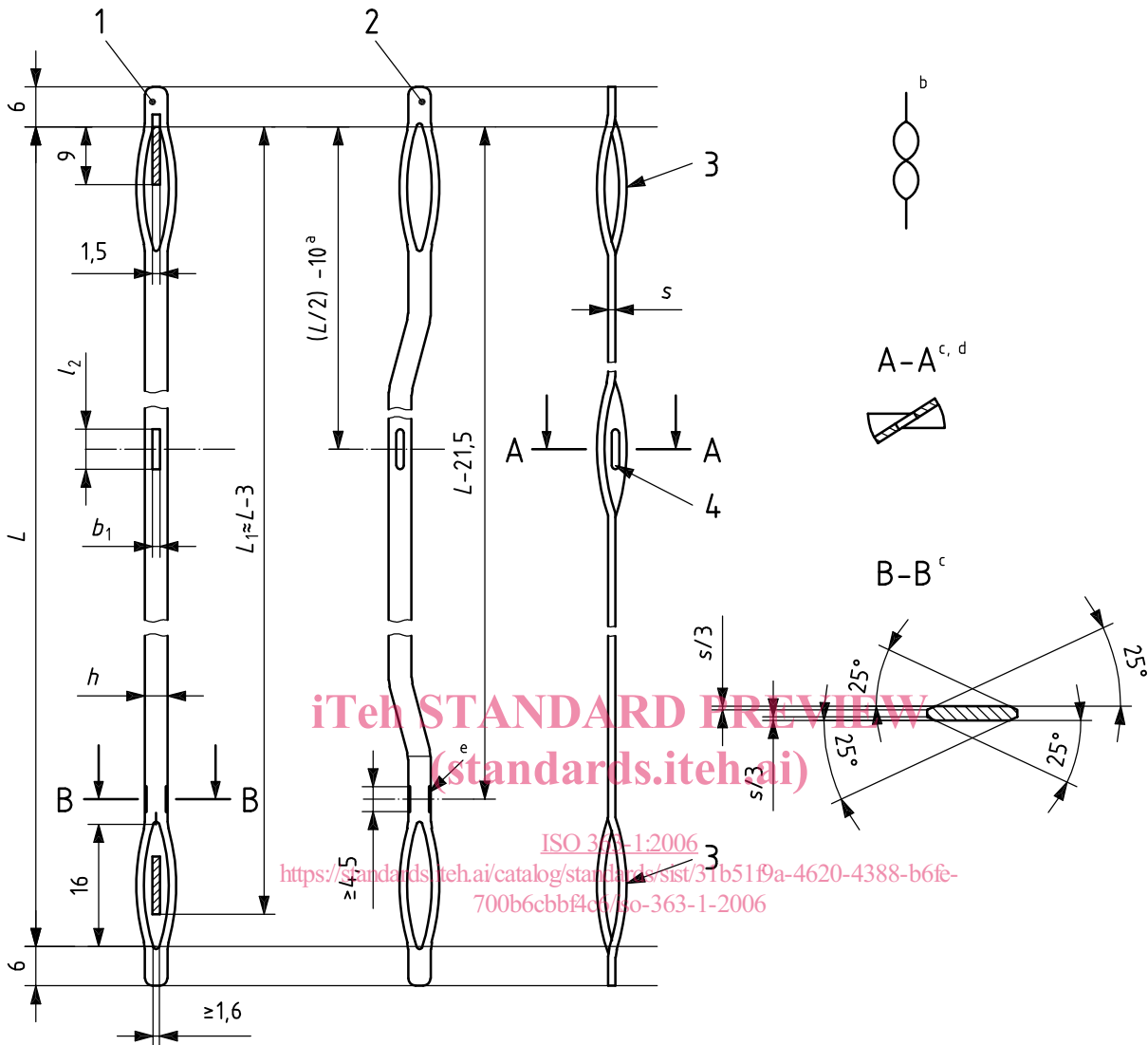
### 2 Dimensions

See Figure 1 and Table 1.

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**Key**

- 1 straight healds SIMPLEX
- 2 cranked healds DUPLEX
- 3 end loop offset
- 4 thread eye

a On some weaving machines, the transverse centreline of the thread eyes is at a distance of  $L/2$  instead of  $(L/2) - 10$ .

b The healds can be ordered with corrugated end loops at the upper end and flat end loops at the lower end; such healds are recommended for USTER® automatic drawing-in machines.

(USTER are examples of suitable products available commercially. This information is given for the convenience of users of this part of ISO 363 and does not constitute an endorsement by ISO of these products.)

c Section enlarged.

d Direction of eye: open to the right, R.

e Sharp edges.

**Figure 1**

Table 1

Dimensions in millimetres

Cross-section of heald <sup>a</sup>	Dimension of thread eye		Distance between end loops			
	$l_2$	$b_1$	$L$			
$2 \times 0,25$	5	1	280	330	—	—
$2,2 \times 0,3$	5,5	1,2	280	330	—	—
$2,5 \times 0,35$	6	1,5	280	330	380	420
$2,8 \times 0,4$	6,5	1,8	280	330	380	420

<sup>a</sup> For certain methods of manufacture, slight deviations from the dimensions are permissible.

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