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

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

*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



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2006

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland

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 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*:

- *Part 1: Dimensions of healds manufactured of rolled steel wire*
- *Part 2: Dimensions of healds manufactured of hardened strip steel*

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

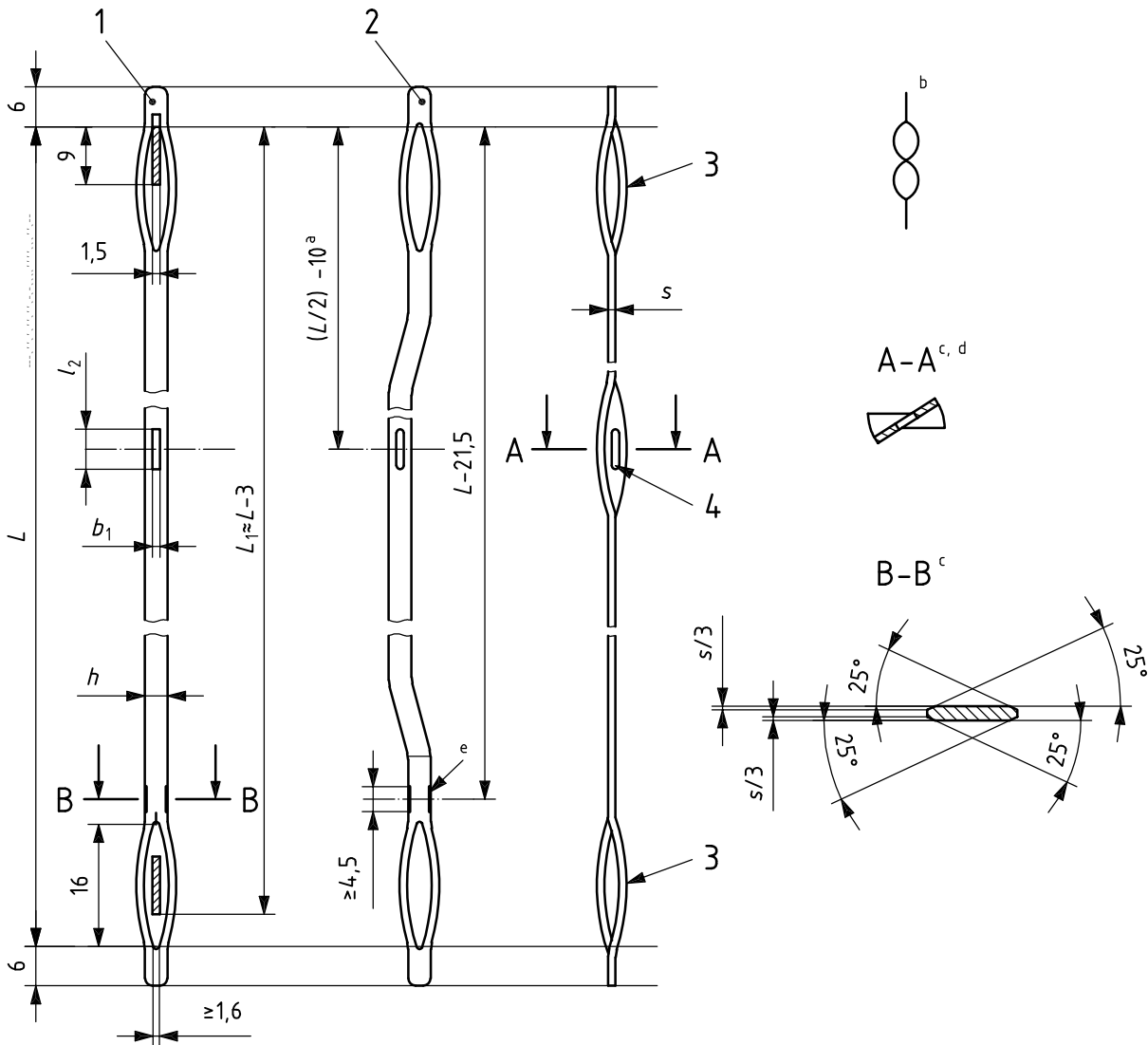
Part 1: Dimensions of healds manufactured of rolled steel wire

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.



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 ^a	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

^a For certain methods of manufacture, slight deviations from the dimensions are permissible.

ICS 59.120.30

Price based on 3 pages