

# INTERNATIONAL STANDARD

**ISO**  
**10787-1**

First edition  
1994-12-15

---

---

## **Textile machinery and accessories — Heald frames —**

### **Part 1:**

Heald-carrying rod fixed to the frame stave by  
rod support — Coordinated dimensions

*Matériel pour l'industrie textile — Cadres de lisses —*

*Partie 1: Tringles porte-lisses fixées aux liteaux par porte-tringles —  
Dimensions interdépendantes*



Reference number  
ISO 10787-1:1994(E)

## 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.

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.

International Standard ISO 10787-1 was prepared by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, Subcommittee SC 3, *Machinery for fabric manufacture*.

This first edition of ISO 10787-1 cancels and partially replaces ISO 568:1976 and ISO 569:1982, which have been technically revised and expanded.

ISO 10787 consists of the following parts, under the general title *Textile machinery and accessories — Heald frames*:

- Part 1: *Heald-carrying rod fixed to the frame stave by rod support — Coordinated dimensions*
- Part 2: *Heald-carrying rod fixed directly on the frame stave — Coordinated dimensions*
- Part 3: *Guides for heald frames*

Annex A of this part of ISO 10787 is for information only.

© ISO 1994

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 the publisher.

International Organization for Standardization  
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

# Textile machinery and accessories — Heald frames —

## Part 1:

Heald-carrying rod fixed to the frame stave by rod support — Coordinated dimensions

### 1 Scope

This part of ISO 10787 specifies the coordinated dimensions of heald frames on which the heald-carrying rod is fixed to the frame stave by rod support.

### 2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 10787. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 10787 are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2768-1:1989, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*.

### 3 Heald frame

Figures 1 and 2 and table 1 define and specify the dimensions of heald frames on which the heald-carrying rod is fixed to the frame stave by rod support.

### 4 Bushes

**4.1** Bushes inside the upper and lower frame staves are shown in figures 3 and 4 respectively. Their position is given in tables 2 and 3.

**4.2** Bushes outside the upper and lower frame staves are shown in figures 5 and 6 respectively. Their position is given in tables 2 and 3.

**4.3** The construction of bushes is shown in figures 7 and 8 and bush dimensions are specified in table 4.