

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1150

CLOSED-END DROP WIRES
(ELECTRICAL AND MECHANICAL)
FOR AUTOMATIC DRAWING-IN MACHINES

1st EDITION

November 1969

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 1150, *Closed-end drop wires (electrical and mechanical) for automatic drawing-in machines*, was drawn up by Technical Committee ISO/TC 72, *Textile machinery and accessories*, the Secretariat of which is held by the Association Suisse de Normalisation (SNV).

Work on this question led to the adoption of a Draft ISO Recommendation.

In July 1968, this Draft ISO Recommendation (No. 1665) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Belgium	Greece	Spain
Brazil	India	Switzerland
Czechoslovakia	Israel	Turkey
Denmark	Italy	U.A.R.
France	Netherlands	United Kingdom
Germany	Poland	U.S.S.R.

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in November 1969, to accept it as an ISO RECOMMENDATION.

CLOSED-END DROP WIRES **(ELECTRICAL AND MECHANICAL)** **FOR AUTOMATIC DRAWING-IN MACHINES**

1. SCOPE

This ISO Recommendation specifies the principal dimensions and tolerances of four types of closed-end drop wires for automatic drawing-in machines.

2. FIELD OF APPLICATION

This ISO Recommendation applies to closed-end drop wires of the following types :

2.1 For electrical warp stop motion :

2.1.1 Drop wires with lower cut-out (Type A)*.

2.1.2 Drop wires with hole in upper slot (Type B)*.

2.2 For mechanical warp stop motion :

2.2.1 Drop wires with lower cut-out or with hole in upper slot (Type C)*.

2.2.2 Drop wires with chamfered top (Type D)**.

3. DIMENSIONS

The dimensions of all four types of drop wire are given in the relevant tables and figures. The principal dimensions are based on ISO Recommendation R 441, *Drop wires for mechanical and electrical warp stop motions*.

The dimensions in the drawings are given in millimetres. The dimensions in inches, shown in brackets, are given for information.

* These drop wires are suitable for use with Barber and Colman machines.

** These drop wires are suitable for use with Zellweger machines.

3.1 Drop wires for electrical warp stop motions

3.1.1 Drop wires with lower cut-out (Type A)

Closed-end drop wires for electrical warp stop motions for automatic drawing-in machines.

Type A Drop Wires with preselection by means of lower cut-out.

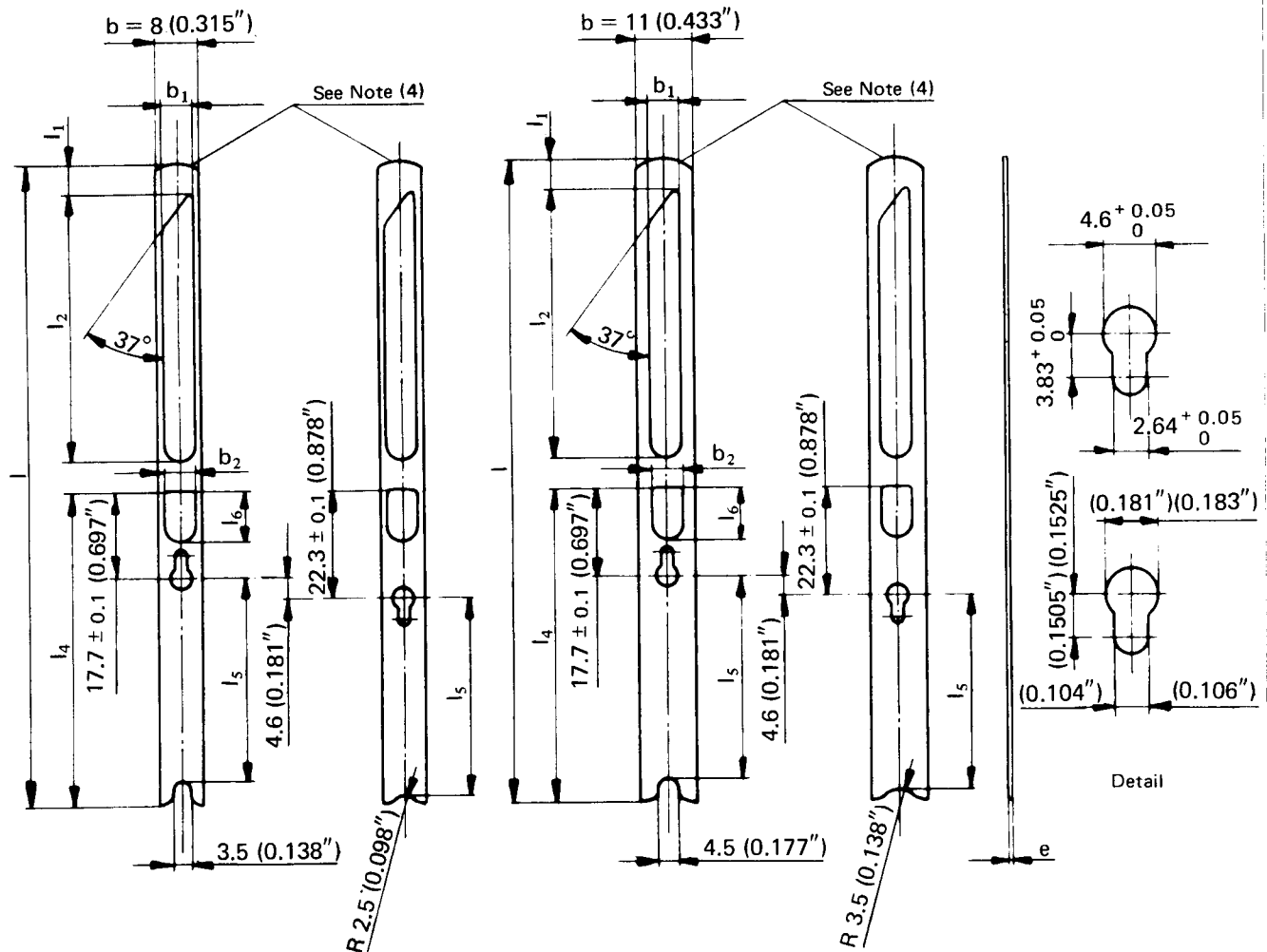


FIG. 1 – Drop wires, type A

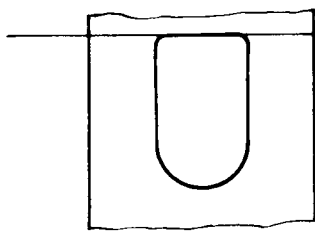


FIG. 2 – U-shaped eye

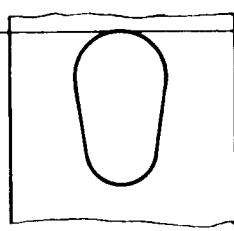


FIG. 3 – Drop-shaped eye

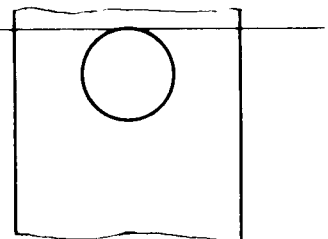


FIG. 4 – Round eye

Enlarged view of differently shaped eyes