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# International Standard



# 570

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Textile machinery and accessories — Heald carrying rods for healds with closed "O"-shaped end loops

*Matériel pour l'industrie textile — Tringles porte-lisses pour lisses à boucles d'extrémité fermées en forme de «O»*

First edition — 1982-11-01

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**(standards.iteh.ai)**

[ISO 570:1982](https://standards.iteh.ai/catalog/standards/sist/a5a8ef0e-7d42-4aca-ad52-5adac8d78b89/iso-570-1982)

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UDC 677.058

Ref. No. ISO 570-1982 (E)

Descriptors : textile machinery, loops, healds, dimensions, designation.

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 570 was developed by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, and was circulated to the member bodies in August 1981.

It has been approved by the member bodies of the following countries:

Australia	Germany, F.R.	Spain
Belgium	India	Switzerland
Brazil	Japan	Turkey
Bulgaria	Korea, Rep. of	United Kingdom
China	Mexico	USSR
Czechoslovakia	Poland	Yugoslavia
Egypt, Arab Rep. of	Romania	
France	South Africa, Rep. of	

No member body expressed disapproval of the document.

This International Standard cancels and replaces ISO Recommendation R 570-1967, of which it constitutes a technical revision.

# Textile machinery and accessories — Heald carrying rods for healds with closed "O"-shaped end loops

## 1 Scope and field of application

This International Standard specifies the main dimensions and the co-ordination of heald carrying rods for healds with closed "O"-shaped end loops.

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## 2 References

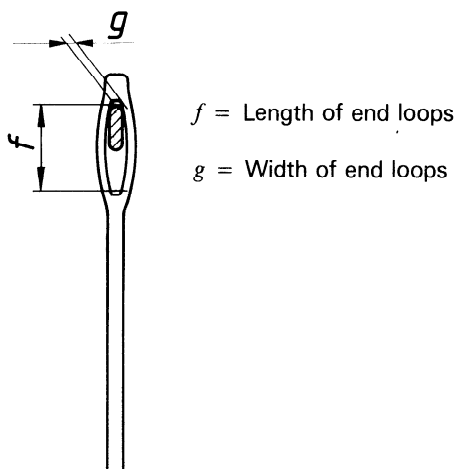
ISO 570:1982

ISO 363, *Textile machinery and accessories — Flat steel healds for general use — Dimensions.*  
<https://standards.iteh.ai/catalog/standards/sist/a5a8ef0e-7d43-4aca-ad52-5adac8d78b89/iso-570-1982>

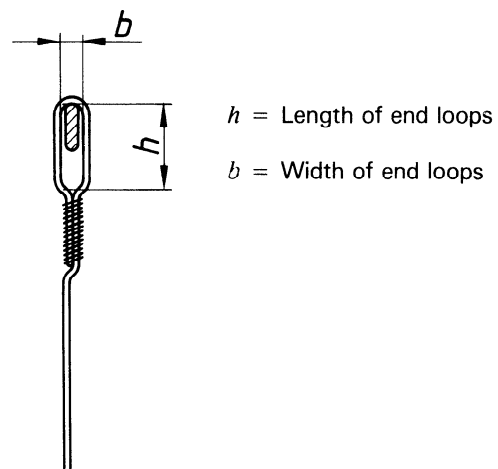
ISO 364, *Textile machinery and accessories — Twin wire healds for weaving machines.*<sup>1)</sup>

## 3 End loops of healds

### Flat steel healds



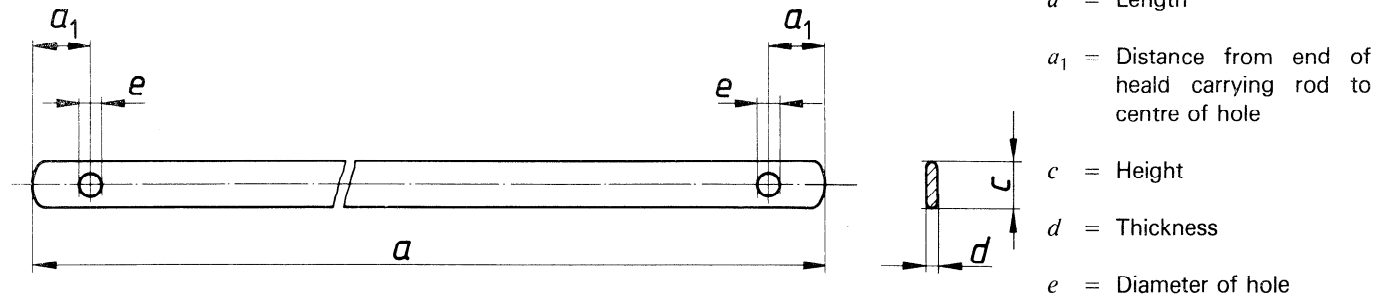
### Twin wire healds



1) At present at the stage of draft. (Revision of ISO/R 364-1967.)

4 Heald carrying rods

4.1 Type A



Dimensions in millimetres

Heald carrying rods $c \times d$	9 × 1,5	9 × 2,5	12 × 2,5
End loops of healds (see clause 3)			
Flat steel healds $f \times g$	16 × 1,6	16 × 2,8*	16 × 2,8* 20 × 3*
Twin wire healds $h \times b$	16 × 3 16 × 4	16 × 4 18 × 5 22 × 6,5	18 × 5 22 × 6,5

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Example of the designation for a heald carrying rod Type A, suitable for healds with closed, "O"-shaped end loops and having a length of 1 000 mm, a height of 9 mm, a thickness of 1,5 mm, a distance from the end of the heald carrying rod to the centre of the hole of 16 mm with a hole diameter of 4,2 mm :

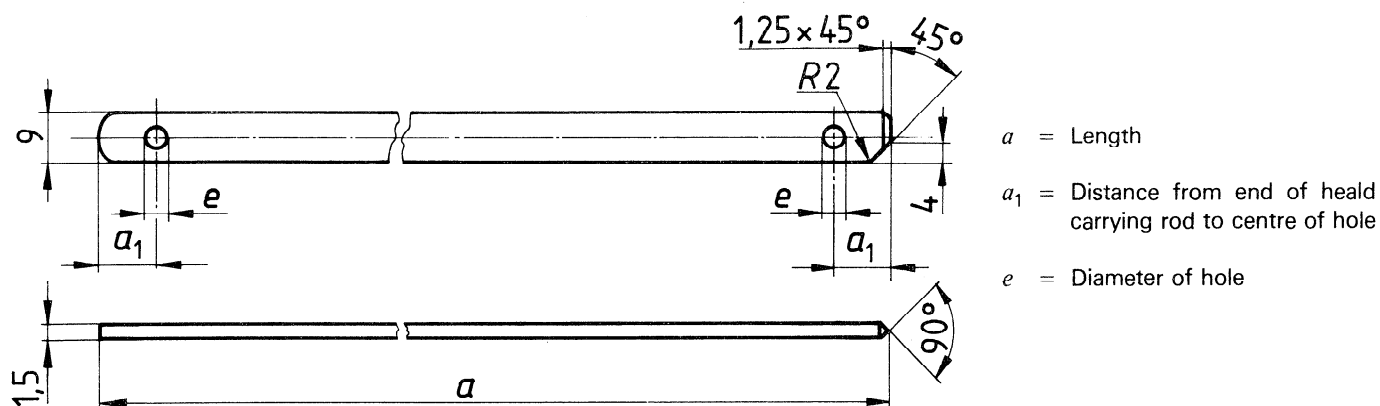
**Heald carrying rod ISO 570 – AO 1 000 × 9 × 1,5 – 16 – 4,2**

\* Heald carrying rods of 9 × 2,5 and 12 × 2,5 mm may be used with flat steel healds having end loops of at least 16 × 2,8 and 20 × 3 mm. It is not intended, however, to standardize these heald sizes because they are used to a limited extent only and do not interfere with this International Standard.

4.2 Type B

Wedge-shaped at one end for connecting to the Uster automatic drawing-in system

Dimensions in millimetres



Dimensions in millimetres

End loops of flat steel healds $f \times g$	16 × 1,6
End loops of twin wire healds $h \times b$	16 × 3
	16 × 4

Example of the designation for a heald carrying rod Type B, wedge-shaped at one end, suitable for healds with closed, "O"-shaped end loops and having a length of 1 000 mm, a distance from the end of the heald carrying rod to the centre of the hole of 16 mm with a hole diameter of 4,2 mm :

Heald carrying rod ISO 570 – BO 1 000 – 16 – 4,2

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