

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 570

HEALD CARRYING RODS
DIMENSIONS AND CO-ORDINATION OF HEALD CARRYING RODS
WITH END-LOOPS OF HEALDS

1st EDITION

April 1967

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BRIEF HISTORY

The ISO Recommendation R 570, *Heald Carrying Rods – Dimensions and Co-ordination of Heald carrying Rods with End-loops of Healds*, 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 by the Technical Committee began in 1961 and led, in 1963, to the adoption of a Draft ISO Recommendation.

In September 1964, this Draft ISO Recommendation (No. 705) 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:

Chile	Korea, Rep. of	Turkey
France	Netherlands	U.A.R.
Germany	Poland	United Kingdom
Greece	Spain	U.S.S.R.
India	Switzerland	

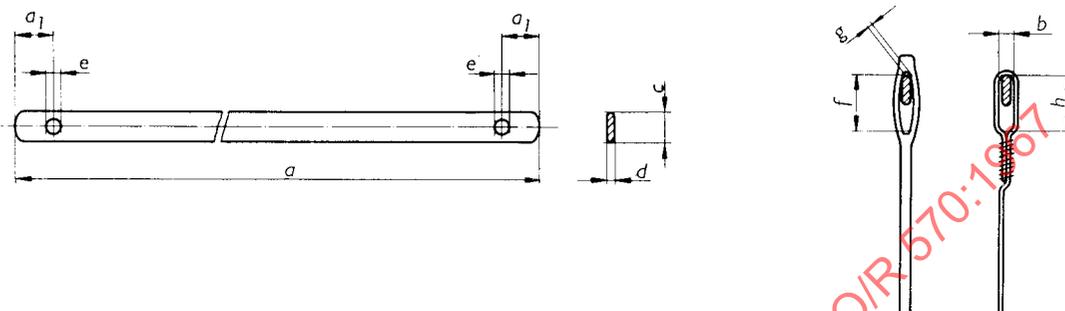
One Member Body opposed the approval of the Draft:

Czechoslovakia

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in April 1967, to accept it as an ISO RECOMMENDATION.

HEALD CARRYING RODS

DIMENSIONS AND CO-ORDINATION OF HEALD CARRYING RODS WITH END-LOOPS OF HEALDS



a Length
*a*₁ Distance from end of heald carrying rod to centre of hole
c Height
d Thickness
e Diameter of hole

Flat steel heald

f Length of end loops
g Width of end loops

Twin wire heald *

h Length of end loops
b Width of end loops

Dimensions and co-ordination with end loops

Heald carrying rods <i>c</i> × <i>d</i>	mm in	9 × 1.5 0.35 × 0.06	9 × 2.5 0.35 × 0.10	12 × 2.5 0.47 × 0.10	15 × 5 0.59 × 0.20
Flat steel healds <i>f</i> × <i>g</i>	mm	16 × 1.6 min. **	16 × 2.8	20 × 3	—
twin wire healds <i>h</i> × <i>b</i>	mm	for wire 0.25 to 0.4 16 × 3 for wire 0.5 to 0.6 16 × 4	16 × 4 or 18 × 5	18 × 5 or 22 × 6.5	22 × 6.5
	in	for wire 0.010 to 0.016 0.63 × 0.12 for wire 0.019 to 0.023 0.63 × 0.16	0.63 × 0.16 or 0.71 × 0.20	0.71 × 0.20 or 0.86 × 0.26	0.86 × 0.26

* ISO Recommendation R 364 – Twin wire healds for frame weaving.

** ISO Recommendation R 363 – Flat steel healds for general use.