

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 360

CINEMATOGRAPHY

LOCATION OF RECORDING HEADS
FOR FOUR MAGNETIC SOUND RECORDS ON 35 mm FILM

1st EDITION

December 1963

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 360, *Location of Recording Heads for Four Magnetic Sound Records on 35 mm Film*, was drawn up by Technical Committee ISO/TC 36, *Cinematography*, the Secretariat of which is held by the American Standards Association Inc. (ASA).

Work on this question by the Technical Committee began in 1955 and led, in 1959, to the adoption of a Draft ISO Recommendation.

In August 1961, this Draft ISO Recommendation (No. 460) was circulated to all the ISO Member Bodies for enquiry. It was approved by the following Member Bodies:

Belgium	France	New Zealand
Brazil	Germany	Romania
Canada	Italy	Sweden
Chile	Japan	United Kingdom
Czechoslovakia	Netherlands	U.S.A.
		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 December 1963, to accept it as an ISO RECOMMENDATION.

CINEMATOGRAPHY

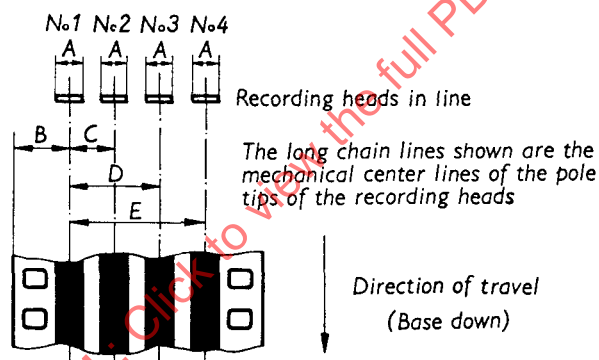
LOCATION OF RECORDING HEADS FOR FOUR MAGNETIC SOUND RECORDS ON 35 mm FILM

1. SCOPE

- 1.1 This ISO Recommendation specifies the location and dimensions of the magnetic sound recording heads for recording four magnetic sound records on 35 mm motion-picture films.
- 1.2 This ISO Recommendation relates the placement of the magnetic coating on the film to the direction of film travel.

2. DIMENSIONS

The dimensions are as specified in the figure and the table.



Dimensions	Millimetres	Inches
<i>A</i>	3.8 $\begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$	0.150 $\begin{smallmatrix} +0.004 \\ 0 \end{smallmatrix}$
<i>B</i>	7.9 ± 0.05	0.314 ± 0.002
<i>C</i>	6.4 ± 0.05	0.250 ± 0.002
<i>D</i>	12.8 ± 0.05	0.500 ± 0.002
<i>E</i>	19.2 ± 0.05	0.750 ± 0.002

NOTE. — The millimetre and inch dimensions represent acceptable practice though the positions of the outer tracks differ slightly in the two systems. The advantages of round numbers in both systems justify the differences.

3. MAGNETIC COATING

With the direction of the film travel shown in the figure, the magnetic coating is on the upper face of the film base.