
INTERNATIONAL STANDARD



70

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

Cinematography — 35 mm negative photographic sound record on 35 mm motion-picture film — Position and width dimensions

*Cinématographie — Enregistrement sonore optique négatif sur film cinématographique 35 mm —
Emplacement et dimensions en largeur*

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Descriptors : cinematography, motion-picture film 35 mm, sound recording, optical recording, specifications, dimensions, position (location).

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 70 was drawn up by Technical Committee ISO/TC 36, *Cinematography*, and was circulated to the Member Bodies in April 1975.

It has been approved by the Member Bodies of the following countries :

Australia	India	Spain
Austria	Italy	Sweden
Belgium	Japan	Switzerland
Canada	Mexico	Turkey
Czechoslovakia	Netherlands	United Kingdom
Denmark	Poland	U.S.A.
France	Romania	U.S.S.R.
Germany	South Africa, Rep. of	Yugoslavia

No Member Body expressed disapproval of the document.

This International Standard cancels and replaces ISO Recommendation R 70-1958, of which it constitutes a technical revision.

Cinematography — 35 mm negative photographic sound record on 35 mm motion-picture film — Position and width dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the position and width dimensions of original variable area and variable density 35 mm negative photographic sound records on 35 mm motion-picture film.

2 REFERENCES

ISO 491, *Cinematography — 35 mm motion-picture film — Cutting and perforating dimensions.*

ISO 2939, *Cinematography — Picture image area and photographic sound record on 35 mm motion-picture release prints — Positions and dimensions.*

3 DIMENSIONS

The dimensions shall be as shown in the figure and given in the table.

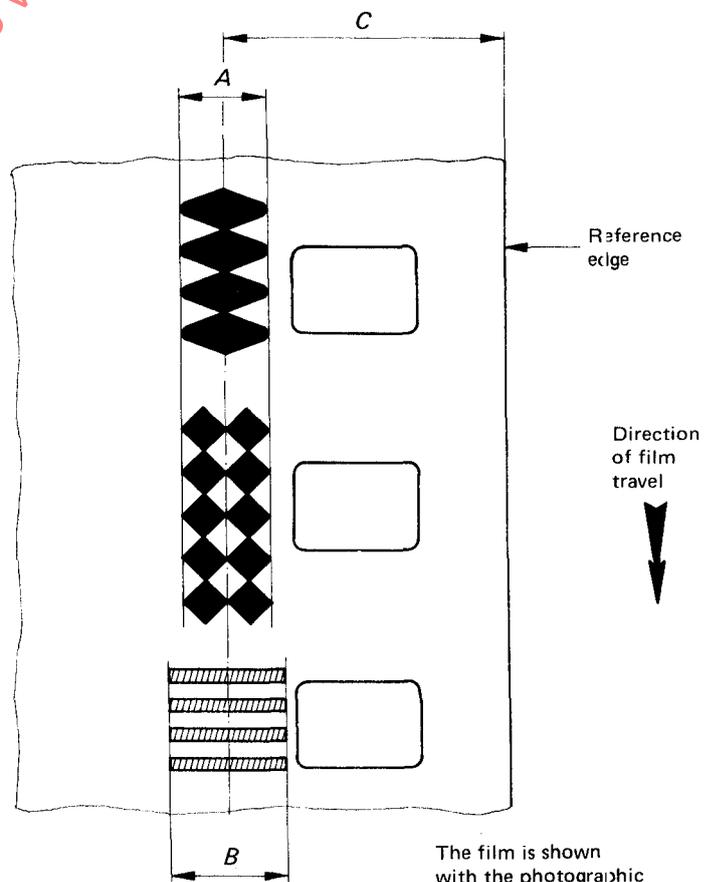
NOTE — This International Standard specifies a negative sound record and, unlike the positive print track width, there is no masking to prevent spurious or noise modulation on either side of the sound record.

Dimension	mm	in
A (see note 1)	1,93 $\begin{smallmatrix} + 0,03 \\ - 0,07 \end{smallmatrix}$	0.076 $\begin{smallmatrix} + 0.001 \\ - 0.003 \end{smallmatrix}$
B (see note 2)	2,54 $\begin{smallmatrix} 0 \\ - 0,20 \end{smallmatrix}$	0.100 $\begin{smallmatrix} 0 \\ - 0.008 \end{smallmatrix}$
C	6,17 $\pm 0,05$	0.243 ± 0.002

NOTES

1 Dimension A is intended for variable area and matted variable density sound records.

2 Dimension B is intended for a variable density sound record.



The film is shown with the photographic layer away from the observer.