



## Cinematography — 16 mm negative photographic sound record on 16 mm, 35/16 mm and 35/32 mm motion-picture film — Positions and dimensions

*Cinématographie — Enregistrement sonore photographique négatif 16 mm sur film cinématographique de 16 mm, 35/16 mm et 35/32 mm — Emplacement et dimensions*

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[ISO 71:1977](https://standards.iteh.ai/catalog/standards/sist/f9723244-cce5-4d8d-877a-aa7f84c7326a/iso-71-1977)

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## 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 71 was developed by Technical Committee ISO/TC 36, *Cinematography*, and was circulated to the member bodies in October 1975.

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

|                |                       |                |
|----------------|-----------------------|----------------|
| Australia      | India                 | Spain          |
| Austria        | Italy                 | Sweden         |
| Belgium        | Japan                 | Switzerland    |
| Canada         | Mexico                | Turkey         |
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No member body expressed disapproval of the document.

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### 1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the positions and width dimensions of 16 mm negative photographic sound record on 16 mm, 35/16 mm and 35/32 mm motion-picture film intended for printing of 16 mm release prints.

### 2 RÉFÉRENCES

ISO 69, *Cinematography – 16 mm motion-picture raw stock film – Cutting and perforating dimensions.*

ISO 3022, *Cinematography – 35 mm motion-picture film perforated 16 mm (1-3-0) – Cutting and perforating dimensions.*

ISO 4243, *Cinematography – Picture image area and photographic sound record on 16 mm motion-picture release prints – Positions and dimensions.*<sup>1)</sup>

### 3 DIMENSIONS

Dimensions shall be as shown in the figures and given in the table.

### 4 LOCATION FOR EMULSION

The film is shown with the emulsion facing the observer.

NOTE – Direction of film travel is indicated on the figure. "A" and "B" winds do not normally occur with the dual format systems, shown in figures 2 and 3.

1) At present at the stage of draft.

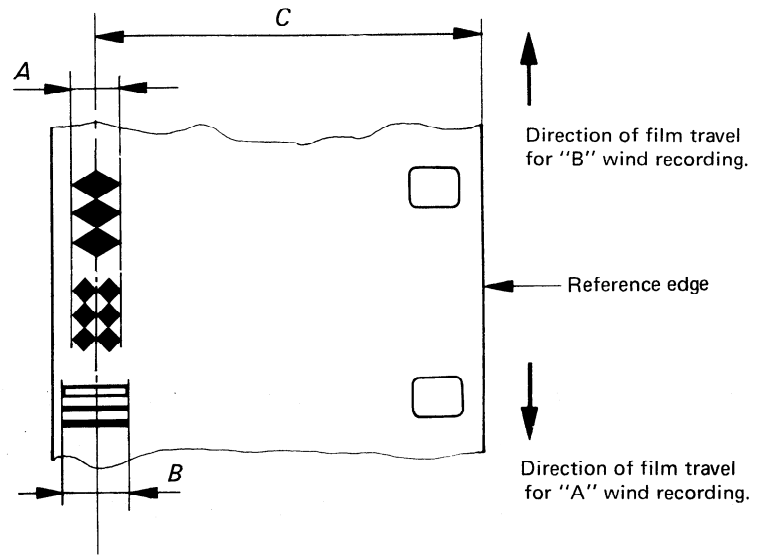


FIGURE 1 – 16 mm film

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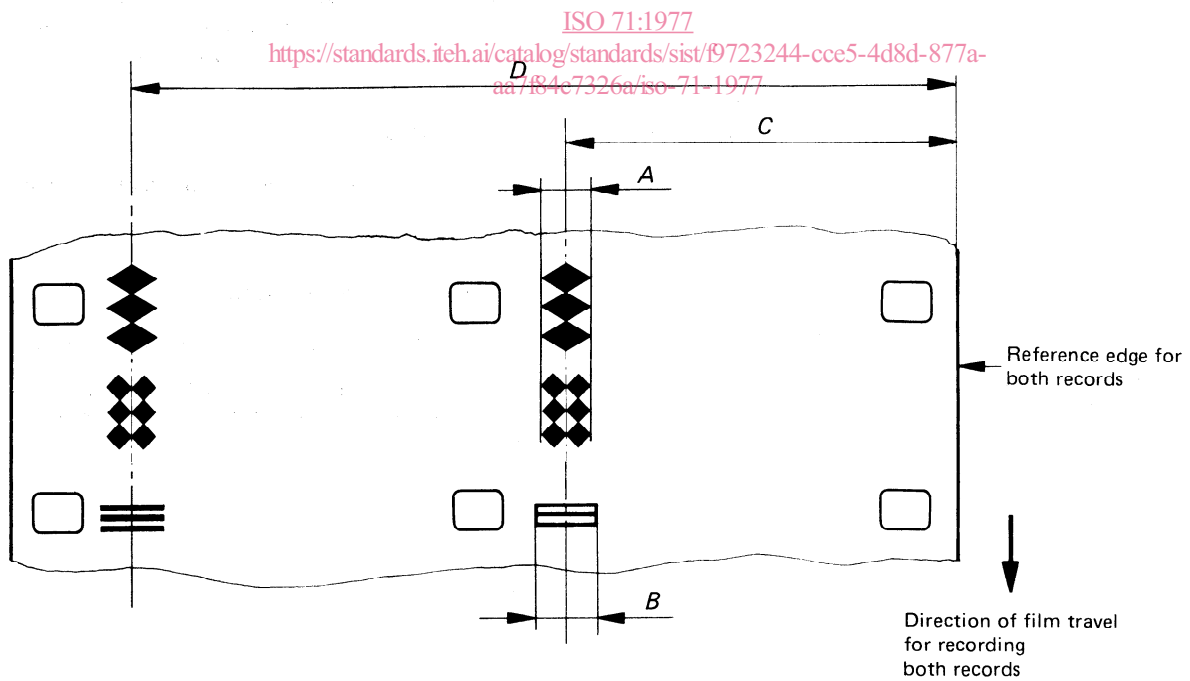


FIGURE 2 – 35 mm film perforated 16 mm 3R (1-3-0) (sound record dimensions are the same as in figure 1)

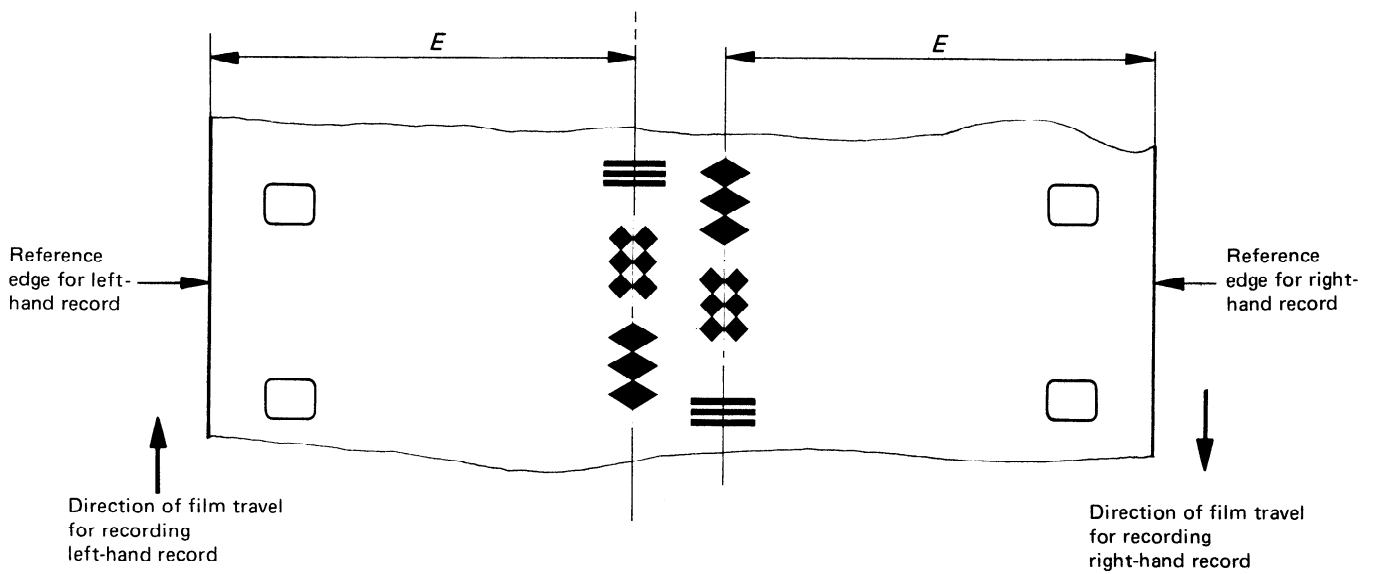


FIGURE 3 — 35 mm film perforated 32 mm 2R (1-4) (sound record dimensions are the same as in figure 1)

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| Dimension*     | mm                                     | in  |
|----------------|--|---|
| A (See note 1) | 1,52 <sup>+0,10</sup> <sub>-0,03</sub> | 0.060 <sup>+0.004</sup> <sub>-0.001</sub> |
| B (See note 2) | 2,03 ± 0,08                            | 0.080 ± 0.003                             |
| C              | 14,48 ± 0,05                           | 0.570 ± 0.002                             |
| D              | 30,43 ± 0,05                           | 1.198 ± 0.002                             |
| E              | 16,02 ± 0,05                           | 0.631 ± 0.002                             |

\* Dimensions apply to all figures as appropriate.

NOTES

- 1 For variable area and matted variable density sound records.
- 2 For variable density sound record.

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