

International Standard



2966

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

Cinematography — 16 mm motion-picture film perforated 8 mm Type S (1-3) and (1-4) — Cutting and perforating dimensions

Cinématographie — Film cinématographique 16 mm perforé 8 mm type S (1-3) et (1-4) — Dimensions de coupe et de perforation

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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 2966 was developed by Technical Committee ISO/TC 36, *Cinematography*.

This second edition was submitted directly to the ISO Council, in accordance with clause 6.11.2 of part 1 of the Directives for the technical work of ISO. It cancels and replaces the first edition (i.e. ISO 2966-1976), which had been approved by the member bodies of the following countries :

Belgium	Italy	Switzerland
Canada	Japan	Turkey
Czechoslovakia	Mexico	United Kingdom
Denmark	Netherlands	USA
France	South Africa, Rep. of	USSR
Germany, F. R.	Spain	
India	Sweden	

No member body had expressed disapproval of the document.

Cinematography — 16 mm motion-picture film perforated 8 mm Type S (1-3) and (1-4) — Cutting and perforating dimensions

1 Scope and field of application

This International Standard specifies the cutting and perforating dimensions for 16 mm motion-picture raw stock perforated 8 mm Type S in positions 1-3 and 1-4, as well as the width of motion-picture film after processing and slitting.

2 References

ISO 543, *Cinematography — Motion-picture safety film — Definition, testing and marking.*

ISO 1700, *Cinematography — 8 mm Type S motion-picture raw stock film — Cutting and perforating dimensions.*

NOTE — ISO 1700 is included as a reference guide as 8 mm Type S film is more commonly encountered in that format.

3 Dimensions

The dimensions and tolerances shall be as shown in the figures and given in the table; they apply to safety raw stock film as described in ISO 543, immediately after cutting and perforating.

The dimensions apply at the time of cutting and perforating for film adjusted to a temperature of 23 ± 1 °C, and a relative humidity of 50 ± 2 %. The manufacturer may indicate other nominal temperature and humidity conditions under which the dimensions apply.

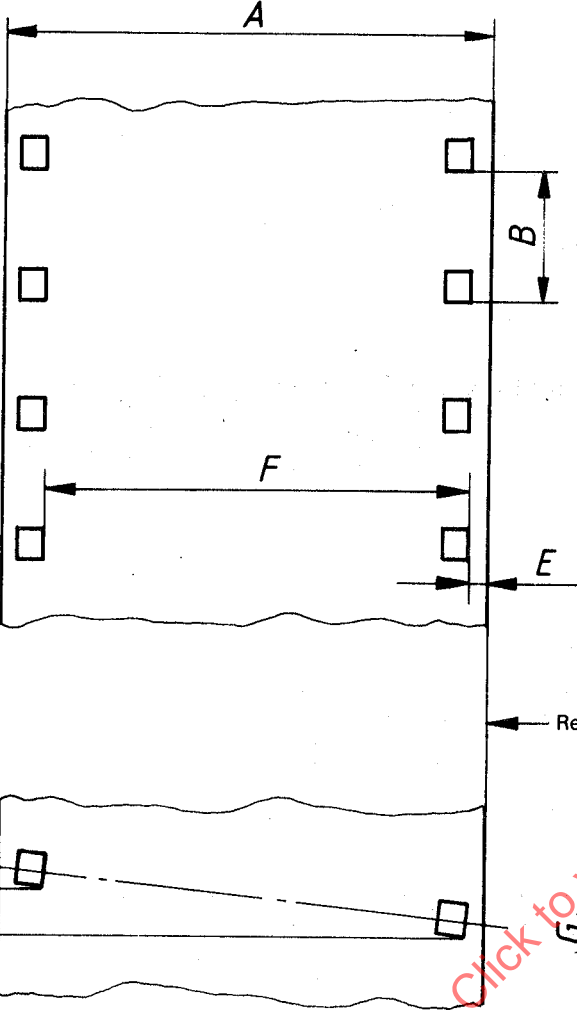


Figure 1 — Film perforated 1-4

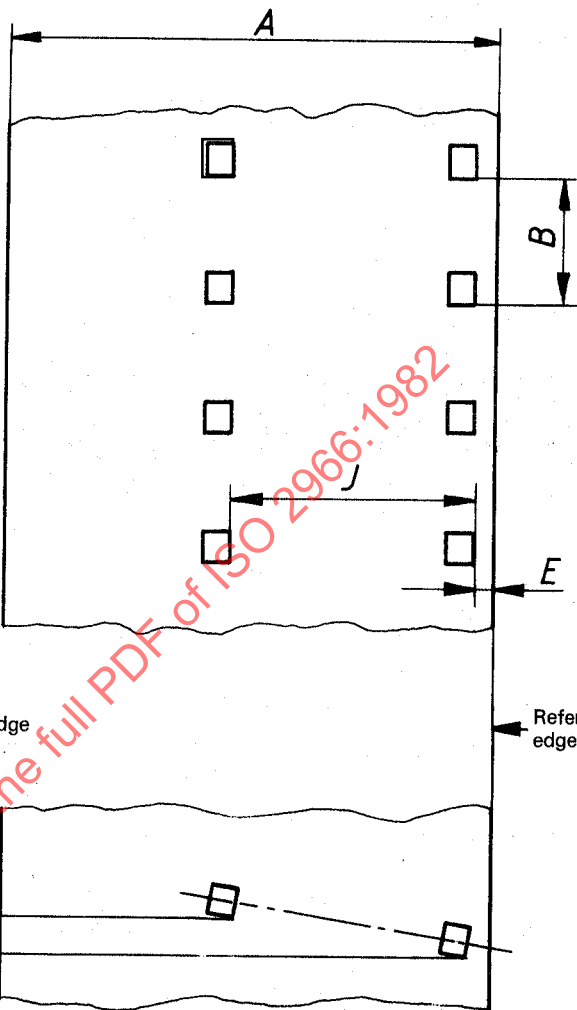


Figure 2 — Film perforated 1-3

Table

Dimension	mm	in
A	15,95 ± 0,03	0.628 ± 0.001 0
A'	7,975 ± 0,050	0.314 0 ± 0.002 0
B	4,234 ± 0,010	0.166 7 ± 0.000 4
B'*)	4,227 ± 0,010	0.166 4 ± 0.000 4
C	0,914 ± 0,010	0.036 0 ± 0.000 4
D	1,143 ± 0,010	0.045 0 ± 0.000 4
R	0,13 ± 0,03	0.005 ± 0.001
E	0,51 ± 0,05	0.020 ± 0.002
F	14,02 ± 0,03	0.552 ± 0.001
G	0,025 max.	0.001 0 max.
J	7,975 ± 0,025	0.314 0 ± 0.001 0
L**)	423,4 ± 0,4	16.670 ± 0.017
L'*)**)	422,7 ± 0,4	16.640 ± 0.017

*) Dimensions B' and L' (short perforation pitch) are provided to fulfil the requirements of continuous sprocket contact printing.

**) Dimensions L and L' represent the length of any 100 consecutive perforation intervals.

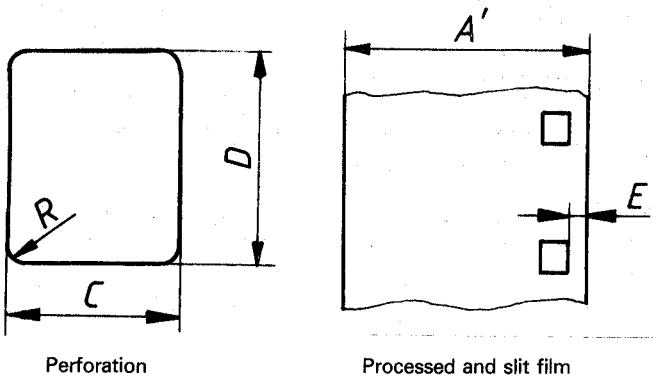


Figure 3 — Detail of perforation and width of processed and slit film