
INTERNATIONAL STANDARD



3023

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

Cinematography — 65 mm and 70 mm motion-picture film — Cutting and perforating dimensions

Cinématographie — Films cinématographiques 65 mm et 70 mm — Dimensions de coupe et de perforation

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Descriptors : cinematography, motion-picture film, cutting, perforating, dimensions.

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 3023 was drawn up by Technical Committee ISO/TC 36, *Cinematography*, and circulated to the Member Bodies in April 1973.

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

Australia	India	Sweden
Belgium	Italy	Switzerland
Bulgaria	Japan	Thailand
Canada	Korea, Rep. of	United Kingdom
Czechoslovakia	Netherlands	U.S.A.
France	Romania	U.S.S.R.
Germany	South Africa, Rep. of	

No Member Body expressed disapproval of the document.

Cinematography – 65 mm and 70 mm motion-picture film – Cutting and perforating dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the cutting and perforating dimensions for 65 mm and 70 mm motion-picture film.

2 REFERENCE

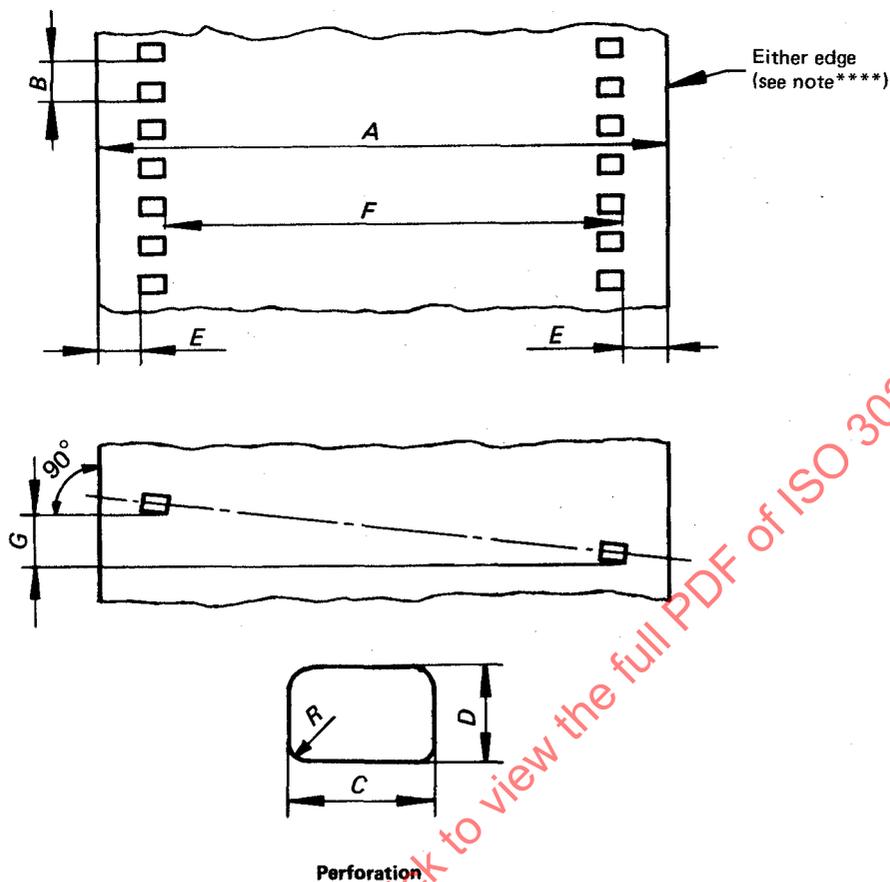
ISO 543, *Cinematography – Motion-picture safety film – Definition, testing and marking.*

3 DIMENSIONS

The dimensions and tolerances shall be as specified in the figure and table; they apply to safety raw stock film as defined in ISO 543, immediately after cutting and perforating.

If required by usage, the manufacturer should indicate the atmospheric conditions applied to the dimensional control at the time of cutting and perforating.

NOTE – The 65 mm width is usually used for negative films and is not intended to be used in projectors.



Dimension	65 mm film		70 mm film	
	mm	in	mm	in
A	64,97 ± 0,05	2.558 ± 0.002	69,95 ± 0,05	2.754 ± 0.002
B	—	—	4,750 ± 0,010	0.187 0 ± 0.000 4
B' *	4,740 ± 0,010	0.186 6 ± 0.000 4	—	—
L **	—	—	475,0 ± 0,38	18.70 ± 0.015
L' *)**)	474,0 ± 0,38	18.66 ± 0.015	—	—
C ***	2,800 ^{+0,005} _{-0,015}	0.110 0 ± 0.000 4	2,800 ^{+0,005} _{-0,015}	0.110 0 ± 0.000 4
D	1,980 ± 0,010	0.078 0 ± 0.000 4	1,980 ± 0,010	0.078 0 ± 0.000 4
E ****	2,975 ± 0,080	0.117 1 ± 0.003 1	5,465 ± 0,080	0.215 2 ± 0.003 1
F	56,24 ± 0,08	2.214 ± 0.003	56,24 ± 0,08	2.214 ± 0.003
G	0,05 max.	0.002 max.	0,05 max.	0.002 max.
R	0,51 ± 0,03	0.020 ± 0.001 0	0,51 ± 0,03	0.020 ± 0.001 0

* 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.

*** Dimension C in metric units has non-symmetrical tolerances by convenience.

**** Dimension and tolerances of E apply to both edges of the film. There are many dimensions in the table for which the tolerances of the parts are limited by other tolerances, and where this occurs, the exclusion provided in 1.2.5 of ISO/R 129 shall apply.