
International Standard



3067

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

Cinematography — Motion-picture camera cartridge, 8 mm Type S, Model I — Notches for film speed, film identification and colour-balancing filter — Dimensions and positions

Cinématographie — Chargeur modèle I, pour caméra 8 mm, type S — Encoches de sensibilité du film, d'identification du film et de filtre correcteur de température de couleur — Dimensions et positions

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (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 authorized 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 3067 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 3067-1975), which had been approved by the member bodies of the following countries :

Australia	Germany, F. R.	Spain
Austria	India	Sweden
Belgium	Italy	Switzerland
Bulgaria	Japan	Thailand
Canada	Mexico	United Kingdom
Czechoslovakia	Netherlands	USA
Egypt, Arab Rep. of	Romania	
France	South Africa, Rep. of	

No member body had expressed disapproval of the document.

Cinematography — Motion-picture camera cartridge, 8 mm Type S, Model I — Notches for film speed, film identification and colour-balancing filter — Dimensions and positions

1 Scope and field of application

This International Standard specifies the dimensions and positions of 8 mm Type S, sound and silent, 15 and 60 m motion-picture film camera cartridge notches intended to preset exposure devices automatically with respect to the film speed and colour-balancing filter.

This International Standard also specifies the dimensions and positions of cartridge notches intended for identification of the motion-picture film inside the cartridge.

2 Reference

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*.

3 Dimensions

All measurements shall be carried out at the time of manufacture, in atmospheric conditions of 23 ± 2 °C and 50 ± 5 % relative humidity in accordance with ISO 554. However, manufacturers may indicate other nominal temperatures for the measurement of dimensions.

3.1 The dimensions of the cartridge notches shall be as specified in the figures and tables.

3.2 The datum planes used for dimensioning are mutually perpendicular.

3.3 Datum planes B, C and A are called, respectively primary, secondary and tertiary.

3.3.1 Datum plane A is coincident with the centre of a circle located by basic dimension T . This circle shall come into contact with the edges of the locating slot (defined by dimensions A , O , P and Q) and its diameter shall be such that it is in contact with the slot regardless of the size of the slot (see the annex, clause A.1).

3.3.2 Datum plane B is the unnotched, unlabelled surface of the cartridge.

3.3.3 Datum plane C is the front seating surface of the cartridge.

3.4 Dimension N applies to all film identification notch positions.

4 Assignment of codes¹⁾

4.1 The film identification notch positions are numbered 1 to 6 from the locating slot so that combinations of notches can be assigned (see figure 4).

4.2 The 63 possible film identification notch combinations have been systematically arranged and identified with a notch combination code number as shown in table 6.

4.3 Assignment of a code for use with either silent or sound 8 mm Type S motion-picture film camera cartridges shall imply permission to utilize the same identification notch code for the same film offered in an alternative cartridge.

NOTE — Many general-purpose black-and-white reversal films can be processed satisfactorily in a universal process. Notch combination code number 1 has, therefore, been reserved for such general-purpose black-and-white reversal films.

1) Assignment of specific combinations of notches can be made according to the manufacturer's needs by application to

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