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# International Standard



# 5768

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## **Cinematography — Image produced by camera aperture Type W on 16 mm motion-picture film — Position and dimensions**

*Cinématographie — Champ d'image enregistré par la caméra type W sur film cinématographique 16 mm — Position et dimensions*

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**Descriptors** : cinematography, motion-picture film 16 mm, cameras, apertures (optics), images, photographic images, dimensions, position (location).

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## Foreword

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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 5768 was developed by Technical Committee ISO/TC 36, *Cinematography*, and was circulated to the member bodies in May 1980.

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

Australia	France	Spain
Belgium	Germany, F. R.	Sweden
Canada	Italy	Switzerland
Czechoslovakia	Japan	United Kingdom
Denmark	Romania	USA
Egypt, Arab. Rep. of	South Africa, Rep. of	USSR

No member body expressed disapproval of the document.

# Cinematography — Image produced by camera aperture Type W on 16 mm motion-picture film — Position and dimensions

## 1 Scope and field of application

**1.1** This International Standard specifies the dimensions and location of the image area produced by the camera aperture Type W on 16 mm motion-picture film intended for obtaining 35 mm release prints with the picture masked to aspect ratio 1,66 : 1.

**1.2** This International Standard also specifies the dimensions and location of the image area on 35 mm duplicate negative and the enlargement ratio in optical printing from a 16 mm original.

## 2 References

ISO 25, *Cinematography — Camera usage of 16 mm motion-picture film — Specifications.*

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

ISO 358, *Cinematography — Maximum aspect ratio of projector aperture for projection of 35 mm non-anamorphic motion-picture films — Specifications.*

ISO 466, *Cinematography — Image produced by 16 mm motion-picture camera aperture — Position and dimensions.*

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

### 3 Dimensions

The dimensions shall be as shown in the figures and as given in the tables.

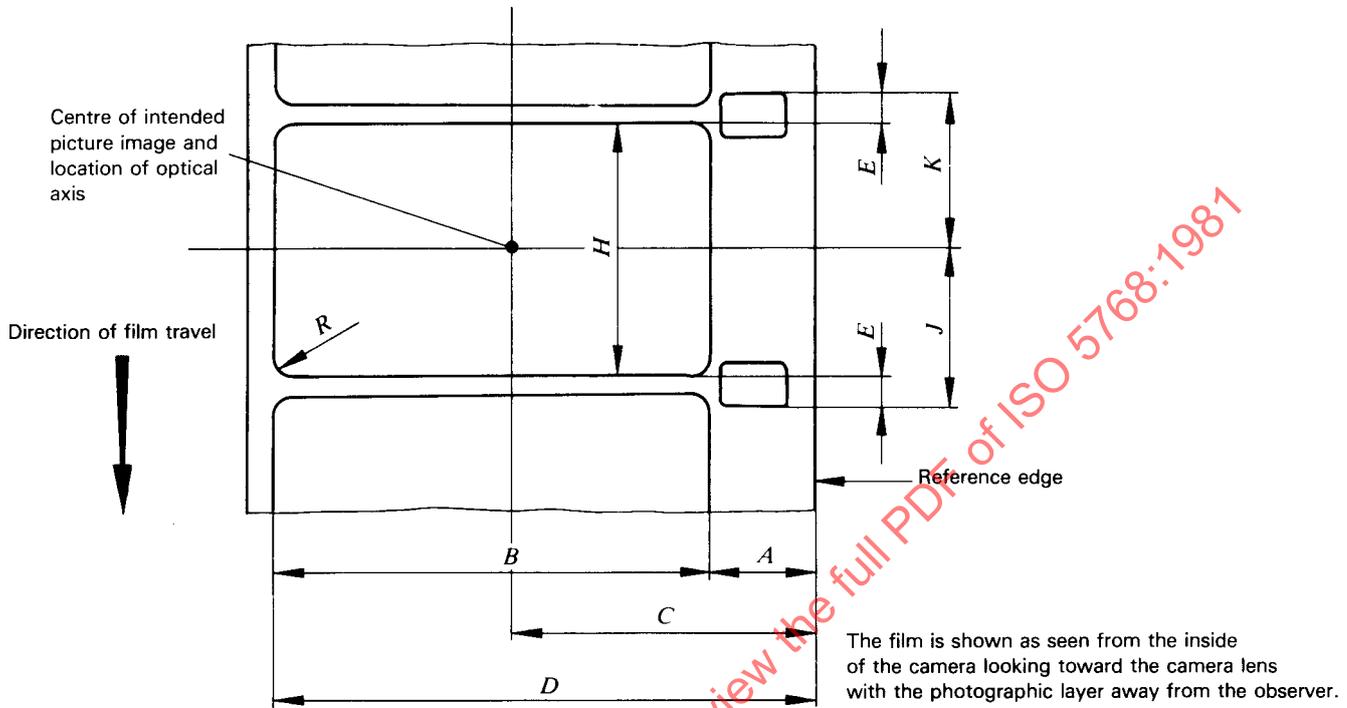


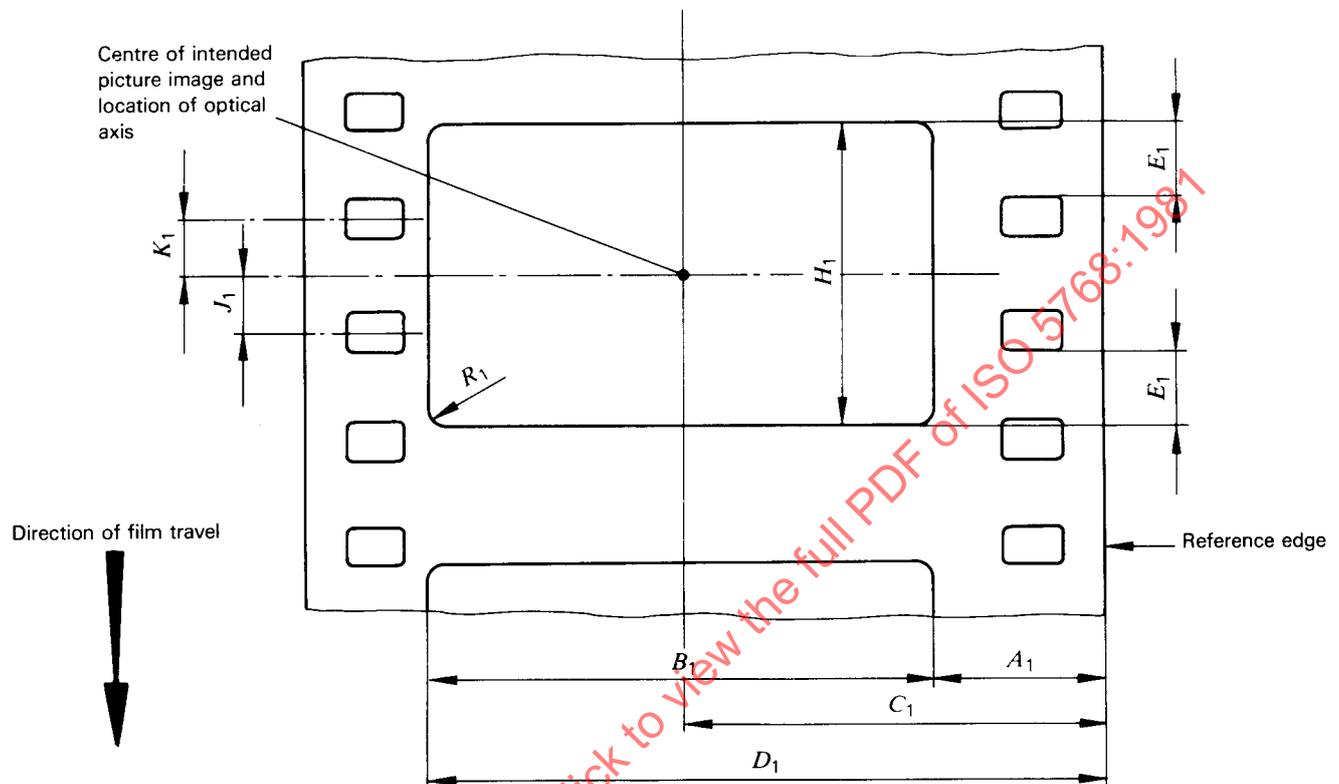
Figure 1 — Image area on 16 mm Type W motion-picture negative or original

Table 1

Dimension	mm	in
A max.	2,95	0.116
B ref.	12,52	0.493
C ref.	9,15	0.360
D min.	15,37	0.605
E max.	0,82	0.032
H	$7,42^{+0,15}_0$	$0,292^{+0,006}_0$
R max.	0,15	0.006
J = K ref.		

#### 4 35 mm internegatives and duplicate negatives

The enlargement ratio for printing 35 mm internegatives and duplicate negatives is 1,78 ref. The image area dimensions and location on 35 mm internegatives shall be as shown in figure 2 and given in table 2.



The film is shown as seen from the inside of the camera of the optical printer looking towards the camera lens with the photographic layer away from the observer.

Figure 2 — Image on 35 mm motion-picture internegative or duplicate negative

Table 2

Dimension	mm	in
$A_1$ max.	7,80	0.307
$B_1$ ref.	21,95	0.864
$C_1$ ref.	18,75	0.738
$D_1$ min.	29,75	1.171
$E_1$ min.	3,10	0.122
$H_1$ min.	13,13	0.517
max.	13,55	0.533
$R_1$ max.	0,25	0.010
$J_1 = K_1$ ref.		

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