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Engagement of accessories
to lens front

ICS 37.040.10

Descriptors : filters(optical), photographic lenses, components, fitting, camera lenses

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B 7111:1997

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently, JIS B 7111:1975 is replaced with this Standard.

Date of Establishment: 1954-10-30

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Engagement of accessories to lens front

Introduction This Standard is Japanese Industrial Standard made on the basis of ISO 1948, *Photography—Front lens barrels up to 127 mm—Dimensions important to the connection of auxiliaries* published as the second edition in 1987, and is edited without any modification in technical content with respect to the corresponding parts. In addition, item (pressing type connection) which is not specified in the corresponding International Standard is added in this Standard.

1 Scope This Japanese Industrial standard specifies the connections between the front part of lens barrels of photographic cameras and 8 mm and 16 mm movie cameras and the accessories attached to them.

Remarks : The International Standard corresponding to this Standard is given in the following:

ISO 1948 :1987 *Photography—Front lens barrels up to 127 mm—Dimensions important to the connection of auxiliaries*

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS B 0207 : *Metric fine screw threads*

JIS B 0215 : *Tolerance system for metric screw threads*

3 Kinds of connection system The kinds of connection system prescribed in this Standard are as follows.

- a) Screw type connection
- b) Capping type connection
- c) Pressing type connection

4 Shape and dimensions

4.1 Screw type connection The shape, dimensions and nominal size of connecting part of the screw type shall be as given in Fig. 1 and Table 1.

4.2 Capping type connection The shape, dimensions and nominal size of connecting part of the capping type shall be as given in Fig. 2 and Table 2.