

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 169

SIZES OF PHOTOCOPIES (ON PAPER)  
READABLE WITHOUT OPTICAL DEVICES

1st EDITION  
December 1960

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Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

## BRIEF HISTORY

The ISO Recommendation R 169, *Sizes of Photocopies (on Paper) Readable Without Optical Devices*, was drawn up by Technical Committee ISO/TC 46, *Documentation*, the Secretariat of which is held by the Nederlands Instituut voor Documentatie en Registratuur (NIDER) on behalf of the Stichting Nederlands Normalisatie-instituut (NNI).

From the time of its creation, the Technical Committee included in its programme of work the study of the subject matter of the present recommendation and, in 1947, prepared a draft proposal bearing the title "Photographic Reproduction of Documents on Paper. Photocopy. Sizes". This document was based on a draft previously established by the former International Federation of the National Standardizing Associations (ISA). This draft proposal was submitted to Member Bodies for consideration before being discussed during the first meeting of Technical Committee ISO/TC 46, held in The Hague, in June 1948. During this meeting it was decided to modify the draft proposal in certain respects.

During the second meeting of the Technical Committee, held in Ascona, in April 1950, the draft proposal, modified as agreed, was discussed again, and it was decided to consult the Technical Committee ISO/TC 6, *Paper*, regarding the tolerances to allow for these papers. The Secretariat of ISO/TC 6 asked its members to answer a questionnaire on the subject and transmitted its conclusions to the ISO/TC 46 Secretariat in order to enable it to decide finally the maximum acceptable tolerances.

These conclusions were submitted to Technical Committee ISO/TC 46, during its third meeting, held in Rome in September 1951. The Technical Committee decided then to request its Sub-Committee ISO/TC 46/SC1 to re-examine the question. During its meeting, held in Paris, in April 1952, this Sub-Committee decided to prepare two series of tolerances corresponding to two groups of needs.

The Sub-Committee proposal was circulated for final approval to the members of ISO/TC 46 at the fourth meeting held in Copenhagen, in October 1952. Subject to slight editorial modifications and the addition of an explanatory phrase, the document was approved as a Draft ISO Recommendation.

The first draft ISO Recommendation (No. 17) was circulated to the ISO Member Bodies on 17 November 1952. The result of the vote could have been considered as sufficient for adopting the Draft, but on the advice of its Sub-Committee No. 1 the Technical Committee decided that further study was necessary because of the reasons expressed in certain negative votes. As a result of this study, and after consultation with the members of the Technical Committee, a revised text was adopted as a Second Draft ISO Recommendation (No. 17).

On 30 April 1959, the Second Draft ISO Recommendation (No. 17) was distributed to all the ISO Member Bodies and was approved by the following Member Bodies:

Australia	India	Spain
Austria	Israel	Sweden
Belgium	Italy	Switzerland
Burma	Japan	Turkey
Canada	Netherlands	Union of
Czechoslovakia	New Zealand	South Africa
France	Norway	United Kingdom
Germany	Poland	U.S.A.
Greece	Portugal	U.S.S.R.
Hungary	Romania	

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in December 1960, to accept it as an ISO RECOMMENDATION.

**SIZES OF PHOTOCOPIES (ON PAPER)  
READABLE WITHOUT OPTICAL DEVICES**

**SIZE DESIGNATION, DIMENSIONS AND TOLERANCES**

Size designation * International A series (according to ISA Bulletin 7)	Dimensions ** (width × height)	Tolerances ***	
		usual	special
A 3	297 mm × 420 mm	± 2 per cent	+ 0 - 2 mm
A 4 (preferred size)	210 mm × 297 mm	± 2 per cent	+ 0 - 1 mm
A 5	148 mm × 210 mm	± 2 per cent	+ 0 - 1 mm

\* ISA Bulletin 7 — *Paper Sizes* — issued by the former International Federation of the National Standardizing Associations (ISA) is shortly to be replaced by an ISO Recommendation on the same subject. Larger or smaller sizes in this international A series may be used, if required. Countries which have not yet introduced the A sizes should use for each size the corresponding next smaller size in their own traditional or national standard ranges.

\*\* The dimensions apply to finished prints.

\*\*\* The tolerances are understood to refer to the following atmospheric conditions, namely:

temperature: 20 °C  
humidity: 65 per cent.

As a rule, the usual tolerances refer to chemically treated paper *without* trimming after chemical treatment and the special tolerances, to paper *after* trimming after chemical treatment.