

Australian Standard<sup>®</sup>

**Micrographics—Dimensions for reels  
used for 16 mm and 35 mm microfilm**

**STANDARDS**  
Australia



This Australian Standard® was prepared by Committee IT-021, Records Management Systems. It was approved on behalf of the Council of Standards Australia on 4 September 2007.

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  - Enterprise Knowledge
  - Microsystems
  - BHP Billiton
  - AMS Imaging
  - Records Solutions
  - EMC Global Holdings Australia
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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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STANDARDS AUSTRALIA

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RECONFIRMATION

OF

AS ISO 24537—2007

Micrographics—Dimensions for reels used for 16 mm and 35 mm microfilm

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Technical Committee IT-021 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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## PREFACE

This Standard was prepared by the Standards Australia Committee IT-021, Records Management Systems.

The objective of this Standard is to adopt ISO 24537:2007 which covers the essential dimensions of lightweight reels, made of plastic or metal, used for the storage and retrieval of processed 16 mm and 35 mm microfilm that is used in manually threaded equipment.

Standards Australia wishes to thank the following organizations for their contributions enabling Australia's participation in the development of International Standards in the area of Records Management. International Standards in turn became national Standards to be used in Australian industries.

Australian Society of Archivists  
Attorney General's Department  
National Archives of Australia  
Public Record Office, Victoria  
Records Management Association of Australasia  
Records Solutions  
NSW State Records  
EMC Global Holdings Australia

This Standard is identical with, and has been reproduced from, ISO 24537:2007, *Micrographics—Dimensions for reels used for 16 mm and 35 mm microfilm*.

As this Standard is reproduced from an international standard, the following applies:

- (a) Its number appears on the cover and title page while the international standard number appears only on the cover.
- (b) In the source text 'this International Standard' should read 'this Australian Standard'.
- (c) A full point substitutes for a comma when referring to a decimal marker.

None of the normative references in the source document have been adopted as Australian or Australian/New Zealand Standards.

## INTRODUCTION

There is an increasing variety of equipment available to retrieve 16 mm and 35 mm roll microfilm. Some equipment uses conventional threading from the supply reel to the take-up reel in order to drive the microfilm. Other equipment uses automatic threading techniques with reels and an ISO approved cartridge.

This International Standard is intended to provide 16 mm and 35 mm reel dimensions which will allow compatibility with readers using conventional threading, and which can also be used for microfilm storage. If a 16 mm reel is to be used in a cartridge for use in automatic threading equipment, the requirements of ISO 7761 will apply. The requirements for camera spools are specified in ISO 6148.

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## AUSTRALIAN STANDARD

**Micrographics — Dimensions for reels used for 16 mm and 35 mm microfilm****1 Scope**

This International Standard covers the essential dimensions of lightweight reels, made of plastic or metal, used for the storage and retrieval of processed 16 mm and 35 mm microfilm that is used in manually operated equipment.

Reels intended for use in 16 mm automated retrieval systems are outside the scope of this International Standard. The dimensions of these reels are specified in ISO 7761.

Camera spools are also frequently used for storing processed microfilm. The dimensions of these spools are outside the scope of this International Standard, but they are specified in ISO 6148.

**2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6196 (all parts), *Micrographics — Vocabulary*

**3 Terms and definitions**

For the purposes of this document, the terms and definitions given in ISO 6196 (all parts) and the following apply.

**3.1****front flange**

flange that first engages the equipment spindle

**3.2****location surface**

portion of the reel which meets the back location stop on the equipment spindle

**4 Requirements****4.1 16 mm reels**

The inside surface of the front flange, measured within 3,2 mm of the core, shall be in the same plane as the location surface around the square spindle hole. The allowable deviation from this alignment shall be 0,25 mm. The minimum diameter of the location surface around the square spindle hole shall be 15,9 mm, and the maximum diameter shall be 17,0 mm.

These specifications apply to front and rear flanges if both have square spindle holes (see Figures 1 and 2).