

Australian Standard™

**Castors and wheels**

**Part 3: Castors for furniture  
(ISO 22879:2004, MOD)**

This Australian Standard was prepared by Committee ME-031, Industrial Castors. It was approved on behalf of the Council of Standards Australia on 27 September 2004.  
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The following are represented on Committee ME-031:

Australian Chamber of Commerce and Industry  
Australian Industry Group  
Commercial Furniture Industry Association of Australia  
Furntech  
Wheel manufacturing interests

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## PREFACE

This Standard was prepared by Standards Australia Committee ME-031, Industrial Castors, to supersede in part AS 1961—1977, *Industrial wheels and castors (dimensions and capacities)*.

The objective of this Standard is to provide manufacturers of industrial castors and wheels with a specification by which castors for furniture can be assessed for dimensional and performance characteristics and to provide a specification that assists purchasers and users of these products to order and select them appropriately.

This Standard is an adoption with national modifications and has been reproduced from ISO 22879:2004, *Castors and wheels—Requirements for castors for furniture*.

The text of ISO 22879 has been varied to provide for an extra, higher performance level that has been found necessary for bedding applications. The variations are listed in Appendix ZZ and vertical lines in the left hand margin of the Standard indicate the tables affected.

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References to International Standards should be replaced by equivalent Australian or Joint Australian/New Zealand Standards as follows:

<i>Reference to International Standard or other publication</i>	<i>Australian Standard</i>
ISO	AS
22877 Castors and wheels—Vocabulary, symbols and multilingual terminology	1961 Castors and wheels 1961.1 Part 1: Vocabulary, symbols and multilingual terminology
22878 Castors and wheels—Test methods and apparatus	1961.2 Part 2: Test methods and apparatus

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NOTES

## AUSTRALIAN STANDARD

# Castors and wheels

## Part 3: Castors for furniture (ISO 22879:2004, MOD)

### 1 Scope

This International Standard specifies the technical requirements, the appropriate dimensions and the requirements for testing of castors for furniture.

It is applicable to castors for general furniture applications, but specifically excludes those for swivel chairs and other specialized applications.

NOTE Castors for swivel chairs are specified in ISO 22880.

### 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 22877, *Castors and wheels — Vocabulary, symbols and multilingual terminology*

ISO 22878:2004, *Castors and wheels — Test methods and apparatus*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 22877 apply. Symbols are given in ISO 22878:2004, Annex A.

### 4 Dimensions and classification

#### 4.1 Characteristics

The characteristics of a castor are

- fixing system,
- castor type,
- dimensions, and
- performance level.

#### 4.2 Fixing system

The fixing system includes the top plates, stem and circlip, threaded stem and other fixing systems.

Fixings shall be chosen with reference to the application of the castor.