

Australian Standard™

**Castors and wheels**

**Part 4: Castors for furniture—Castors  
for swivel chairs**

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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Originated as AS 1961—1977.  
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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)*.

This Standard is identical with and has been reproduced from ISO 22880:2004, *Castors and wheels—Requirements for castors for swivel chairs*.

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

The Committee notes that AS/NZS 4438, *Height adjustable swivel chairs*, provides for an alternative testing regime for castors to be used and is likely to allow continued use of existing test apparatus and procedures for assessing the performance of castors for some time.

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<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 4:

### Castors for furniture—Castors for swivel chairs

#### 1 Scope

This International Standard specifies the technical requirements, the appropriate dimensions and the requirements for testing of castors, with or without braking devices, that will normally be used on swivel chairs.

#### 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, and
- dimensions.

##### 4.2 Fixing system

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