

Australian Standard™

Castors and wheels

**Part 5: Castors for manually propelled
equipment for institutional applications**

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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)*.

This Standard is identical with and has been reproduced from ISO 22881:2004, *Castors and wheels—Requirements for manually propelled equipment for institutional applications*.

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

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

- (a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
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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 1961.1	Castors and wheels Part 1: Vocabulary, symbols and multilingual terminology
22878	Castors and wheels—Test methods and apparatus	1961.2	Part 2: Test methods and apparatus

CONTENTS

	<i>Page</i>
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Dimensions and classification	1
4.1 Characteristics	1
4.2 Fixing system	1
4.3 Offset	6
4.4 Wheels	6
4.5 Load capacity	8
5 Requirements for testing	8
5.1 General	8
5.2 Standard conditions	8
5.3 Initial wheel play	8
5.4 Initial swivel play	10
5.5 Electrical resistance test	10
5.6 Fatigue test for braking and/or locking devices	11
5.7 Efficiency check of wheel braking and/or locking devices	12
5.8 Efficiency check of swivel braking and/or locking devices	12
5.9 Static test	13
5.10 Dynamic test	14
5.11 Efficiency check of wheel braking and/or locking devices	14
5.12 Efficiency check of swivel braking and/or locking devices	15
5.13 Final wheel play	15
5.14 Final swivel play	15
6 Conformity	15
7 Marking of the product	16
7.1 Product marking	16
7.2 Marking of electrically conductive or antistatic castors or wheels	16
Bibliography	17

NOTES

AUSTRALIAN STANDARD

Castors and wheels

Part 5:

Castors for manually propelled equipment for institutional applications

1 Scope

This International Standard specifies the technical requirements, the appropriate dimensions and the requirements for testing of castors and wheels that may include braking and/or locking devices, specifically for manually propelled use in an institutional environment. This includes, for example, shops, restaurants, hotels, educational buildings and hospitals.

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,
- offset,
- wheel, and
- load capacity.

4.2 Fixing system

4.2.1 General

The fixing system includes the top plate, solid stem and single bolt hole.