

Australian Standard™

Castors and wheels

Part 6: Hospital bed castors

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Australian Chamber of Commerce and Industry
Australian Industry Group
Commercial Furniture Industry Association of Australia
Furtech
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 22882:2004, *Castors and wheels—Requirements for castors for hospital beds*.

The objective of this Standard is to provide manufacturers of industrial castors and wheels with a specification by which castors for hospital beds 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:

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ISO		AS	
22877	Castors and wheels—Vocabulary, symbols and multilingual terminology	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
22881	Castors and wheels—Requirements for use on manually propelled equipment for institutional applications	1961.5	Part 5: Castors and wheels—Castors for manually propelled equipment for institutional applications

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AUSTRALIAN STANDARD

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1 Scope

This International Standard specifies the technical requirements, the appropriate dimensions and the requirements for testing of swivel castors for hospital beds with a wheel diameter of 100 mm or more, and which have a central locking device. Swivel castors may be used with the main principal dimension for

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*

ISO 22881, *Castors and wheels — Requirements for use on manually propelled equipment for institutional applications*

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 characteristics

4.1 Characteristics

The characteristics of a castor are

- wheel diameter,
- overall height,
- offset,
- fixing system, and
- load capacity.