

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 1789

MODULAR CO-ORDINATION

STOREY HEIGHTS AND ROOM HEIGHTS  
FOR RESIDENTIAL BUILDINGS

1st EDITION

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## FOREWORD

This ISO Recommendation belongs to a series of ISO Recommendations concerning modular co-ordination in building construction.

This series includes, among others, the following ISO Recommendations :

- ISO/R 1006,        *Modular co-ordination – Basic module;*
- ISO/R 1040/I,    *Modular co-ordination – Horizontal multimodules;*
- ISO/R 1040/II,   *Modular co-ordination – Horizontal multimodules (Part II);*
- ISO/R 1790,      *Modular co-ordination – Reference lines of horizontal dimensions;*
- ISO/R 1791,      *Modular co-ordination – Vocabulary.*

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**MODULAR CO-ORDINATION**  
**STOREY HEIGHTS AND ROOM HEIGHTS**  
**FOR RESIDENTIAL BUILDINGS**

**1. SCOPE**

This ISO Recommendation fixes sizes for modular heights of storeys (floor to floor heights) and modular heights of rooms (floor to ceiling heights), for residential buildings\*.

**2. DEFINITIONS**

- 2.1 *Storey height* (floor to floor). The vertical dimension between the controlling reference planes related to the finished floor level of two consecutive floors.
- 2.2 *Room height* (floor to ceiling). The vertical dimension between two controlling reference planes separated by one storey, the first one being related to the finished floor level and the other one to the finished ceiling level.

**3. SPECIFICATIONS**

**3.1 Storey height**

The vertical *controlling* dimension generally used is the storey height. The storey heights are then to be chosen from the following modular sizes :

26 M	27 M	28 M	30 M
M = 100 mm			

NOTE. - In several countries a priority has been given to the following storey heights : 27 M and 28 M.

**3.2 Room heights**

When the *controlling* dimension used is the room height instead of the storey height, it is to be chosen from the following modular sizes :

20 M**	23 M	26 M
21 M**	24 M	27 M
22 M**	25 M	28 M
M = 100 mm		

\* Storey heights or room heights for industrial or agricultural buildings, schools, etc., will be given in other ISO Recommendations.

\*\* The use of this size is restricted to the heights of cellars, basements and corridors.