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# INTERNATIONAL STANDARD



# 1040

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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## Modular co-ordination – Multimodules for horizontal co-ordinating dimensions

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## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, International Standard ISO 1040 replaces ISO Recommendations R 1040/I-1969 and ISO/R 1040/II-1970 drawn up by Technical Committee ISO/TC 59, *Building construction*.

The Member Bodies of the following countries approved the Recommendation ISO/R 1040/I :

Austria	India	Romania
Belgium	Iran	South Africa, Rep. of
Canada	Israel	Spain
Chile	Italy	Sweden
Cuba	Korea, Dem.P.Rep.of	Switzerland
Denmark	Korea, Rep. of	Thailand
France	Netherlands	Turkey
Greece	Norway	Yugoslavia
Hungary	Poland	

The Member Bodies of the following countries expressed disapproval of the Recommendation on technical grounds :

Finland  
Germany  
United Kingdom

The Member Bodies of the following countries approved the Recommendation ISO/R 1040/II :

Australia	India	South Africa, Rep. of
Austria	Iran	Spain
Belgium	Israel	Sweden
Brazil	Italy	Switzerland
Denmark	Netherlands	Thailand
Egypt, Arab Rep. of	Norway	Turkey
Finland	Peru	U.S.A.
France	Portugal	U.S.S.R.
Hungary	Romania	

The Member Bodies of the following countries expressed disapproval of the Recommendation on technical grounds :

Germany  
United Kingdom

This International Standard forms part of a series of ISO publications concerning modular co-ordination in building construction.

This series includes, among others, the following ISO publications, which lay down the basic principles and design rules of modular co-ordination :

ISO 1006, *Modular co-ordination – Basic module.*

ISO 1789, *Modular co-ordination – Storey heights and room heights for residential buildings.*

ISO/R 1790, *Modular co-ordination – Reference lines of horizontal controlling co-ordinating dimensions.*

ISO 1791, *Modular co-ordination – Vocabulary.*

ISO 2848<sup>1)</sup>, *Modular co-ordination – Principles and rules – Part I.*

ISO 2849<sup>1)</sup>, *Modular co-ordination – Modules for vertical dimensions.*

1) At present at the stage of draft.

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# Modular co-ordination – Multimodules for horizontal co-ordinating dimensions

## 1 SCOPE

This International Standard fixes the values of several<sup>1)</sup> multimodules for horizontal co-ordinating dimensions used in modular co-ordination.

These values belong to the same group of modular dimensions.

## 2 FIELD OF APPLICATION

This International Standard is applicable to the construction of buildings of all types in accordance with the principles of modular co-ordination and with ISO 1006.

## 3 DEFINITION

**multimodule** : Module, the value of which is a multiple of the basic module.

## 4 SPECIFICATIONS

### 4.1 Values

3 M	6 M	12 M	(15 M) <sup>2)</sup>	30 M	60 M
1 M = 100 mm <sup>3)</sup>					

### 4.2 Applications

The multimodules 3 M and 6 M are mainly intended for dwellings. Their other applications, as well as those of other multimodules, are under consideration and will be given in future International Standards.

1) Complementary values of multimodules may be adopted later on, in particular when the applications of multimodules are decided upon. These values will be added to those fixed by the present International Standard.

2) The use of brackets signifies a size of limited applicability which will only appear in specific national standards; see ISO 2848.

3) See ISO 1006.