INTERNATIONAL STANDARD 1006

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

Modular co-ordination — Basic module

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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 1006 replaces ISO Recommendation R 1006-1969 drawn up by Technical Committee ISO/TC 59, *Building construction.*

The Member Bodies of the following countries approved the Recommendation :

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

The Member Body of the following country expressed disapproval of the Recommendation on technical grounds :

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 1040, *Modular co-ordination — Multimodules for horizontal co-ordinating dimensions.*

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[1)], *Modular co-ordination — Principles and rules — Part I.*

ISO 2849[1)], *Modular co-ordination — Modules for vertical dimensions.*

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1) At present at the stage of draft.

Printed in Switzerland

Modular co-ordination — Basic module

1 SCOPE

This International Standard fixes

a) the definition and symbol of the module used as a basis for the standardized modular co-ordination of buildings, of their constituent parts and of the building components used in their construction;

b) the value of the basic module.

2 FIELD OF APPLICATION

This International Standard is applicable to the construction of buildings of all types built according to the principles of modular co-ordination.

3 DEFINITION

basic modules : The unit (of length) of modular co-ordination, the size of which is selected in order to achieve a dimensional co-ordination of building elements[1] and of general purpose building components with the maximum flexibility and convenience.

4 SYMBOL

The basic module is represented by the letter M.

5 SPECIFICATION

The international standardized value of the basic module is

1 M = 100 mm

IMPORTANT NOTE – It is agreed that, in countries using the foot-inch system of measurement, the corresponding value of the basic module shall be

4 in = 101,6 mm

However, the work sizes of building and equipment components (large building components, in particular) involved in trade with countries using the SI system should be calculated from their inch modulated co-ordinating dimensions[2] which, allowing for manufacturing and assembly tolerances, should be compatible with the modulated co-ordinating dimensions derived from the metric basic module.

1) **building element** (French : *ouvrage*) : See definition in ISO ..., *General building terms* (at present at the stage of draft proposal).

2) **Co-ordinating dimensions** : See definition in ISO 1791.