

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1790

MODULAR CO-ORDINATION
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REFERENCE LINES

OF HORIZONTAL CONTROLLING CO-ORDINATING DIMENSIONS

<https://standards.iteh.ai/catalog/standards/sist/d1fc5d31-3398-4168-8e62-61ef4a8a926a/iso-r-1790-1970>

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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 1789, *Modular co-ordination – Storey heights and room heights for residential buildings;*
- ISO/R 1791, *Modular co-ordination – Vocabulary.*

[ISO/R 1790:1970](https://standards.iteh.ai/catalog/standards/sist/d1fc5d31-3398-4168-8e62-61ef4a8a926a/iso-r-1790-1970)

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MODULAR CO-ORDINATION

REFERENCE LINES

OF HORIZONTAL CONTROLLING CO-ORDINATING DIMENSIONS

1. SCOPE

This ISO Recommendation fixes the position of the reference lines of horizontal controlling co-ordinating dimensions.

2. SPECIFICATIONS

Horizontal controlling co-ordinating dimensions should be applied between modular reference planes* which may be boundary (see Fig. 1) or axial (see Fig. 2).

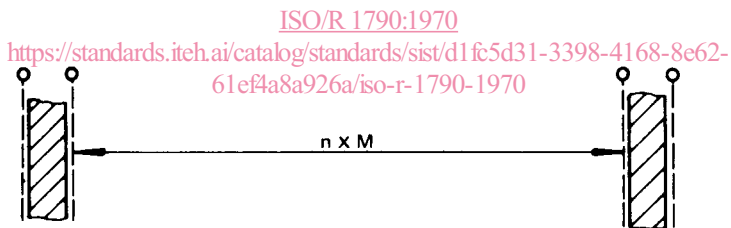


FIG. 1 - Controlling dimension between boundary planes

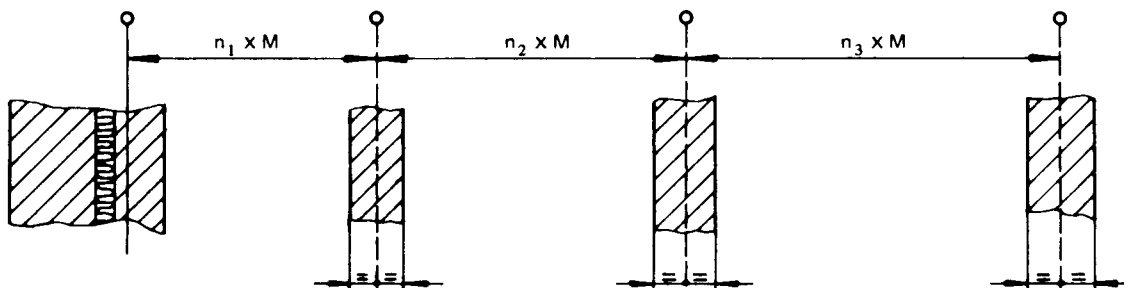


FIG. 2 - Controlling dimensions between axial planes

NOTE. - In the case of asymmetrical elements (for example : endwalls), the reference planes designated as axial may not coincide with the centreplanes.

* *Modular reference planes* : Theoretical planes by reference to which the positions of the building elements are fixed and which are separated from one another by modular distances. (See ISO Recommendation R 1791, *Modular co-ordination - Vocabulary*.)

BRIEF HISTORY

The ISO Recommendation R 1790, *Modular co-ordination – Reference lines of horizontal controlling co-ordinating dimensions*, was drawn up by Technical Committee ISO/TC 59, *Building construction*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question led to the adoption of Draft ISO Recommendation No. 1790 which was circulated to all the ISO Member Bodies for enquiry in January 1969. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

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

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The following Member Bodies opposed the approval of the Draft:

Germany
Finland
Sweden
U.S.A.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in April 1970, to accept it as an ISO RECOMMENDATION.