

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 1790

MODULAR CO-ORDINATION

REFERENCE LINES

OF HORIZONTAL CONTROLLING CO-ORDINATING DIMENSIONS

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

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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).

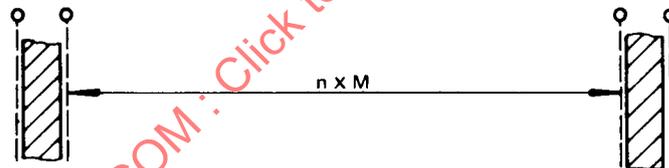


FIG. 1 - Controlling dimension between boundary planes

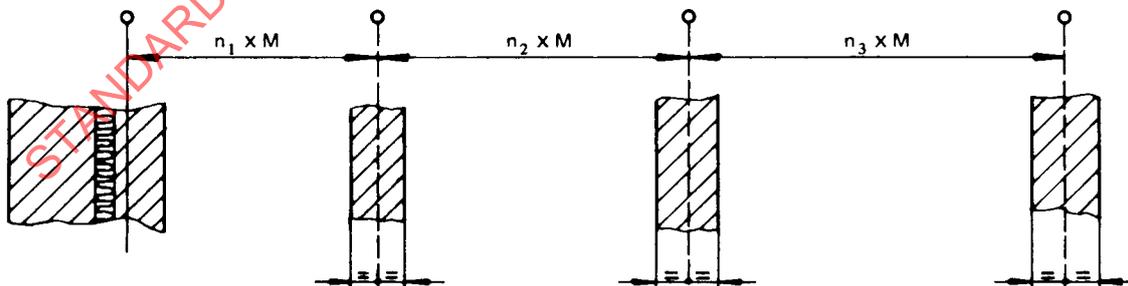


FIG. 2 - Controlling dimensions between axial planes

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*.)