
International Standard



5019 / 1

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**Refractory bricks — Dimensions —
Part 1 : Rectangular bricks**

Briques réfractaires — Dimensions — Partie 1 : Briques rectangulaires

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Descriptors : refractory materials, bricks, dimensions.

Foreword

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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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 5019/1 was prepared by Technical Committee ISO/TC 33, *Refractories*.

It cancels and replaces ISO Recommendation R 475-1966 of which it constitutes a technical revision.

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Refractory bricks — Dimensions — Part 1: Rectangular bricks

0 Introduction

It will be evident to all users of this document that the sizes of refractory bricks here listed are only a limited number of the sizes currently in production in many countries; it is believed, however, that the sizes specified in this document include those most commonly used in furnace construction.

NOTE — It is recognized that there are brick sizes of North American origin whose dimensions closely approximate to those in the table.

1 Scope and field of application

1.1 This part of ISO 5019 specifies the dimensions of two series of rectangular refractory bricks.

1.2 These two series of bricks may be used in conjunction with the series of arch bricks whose dimensions are specified in ISO 5019/2.

2 Reference

ISO 5019/2, *Refractory bricks — Dimensions — Part 2 : Arch bricks.*

3 Dimensions of rectangular refractory bricks

3.1 The range of rectangular refractory brick sizes is given in the table.

3.2 Adoption of the 76 mm series of bricks is strongly recommended.

4 Tolerances

Tolerances on the dimensions specified in the table shall be the subject of agreement between the purchaser and the supplier.