
International Standard



5019/2

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**Refractory bricks — Dimensions —
Part 2 : Arch bricks**

Briques réfractaires — Dimensions — Partie 2 : Briques de voûte

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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 5019/2 was prepared by Technical Committee ISO/TC 33, *Refractories*.

It cancels and replaces ISO Recommendation R 1145-1969, of which it constitutes a technical revision.

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Refractory bricks — Dimensions — Part 2 : Arch bricks

0 Introduction

There are two alternative systems in use for the dimensions of refractory arch bricks. One employs a constant median dimension and the other a constant backface dimension.

NOTE — It is recognized that there are arch brick sizes with a constant backface dimension 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 refractory arch bricks, each with a constant median dimension and one series of refractory arch bricks with a constant backface dimension.

1.2 These series of bricks may be used in conjunction with the two series of rectangular bricks whose dimensions are specified in ISO 5019/1.

2 Reference

ISO 5019/1, *Refractory bricks — Dimensions — Part 1: Rectangular bricks.*

3 Dimensions

3.1 The dimensions of refractory arch bricks shall be as shown 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.