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International Standard



5417

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## Refractory bricks for use in rotary kilns — Dimensions

*Briques réfractaires à utiliser dans les fours rotatifs — Dimensions*

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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 5417 was prepared by Technical Committee ISO/TC 33, *Refractories*.

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# Refractory bricks for use in rotary kilns — Dimensions

## 0 Introduction

In preparing this International Standard, an attempt has been made to reduce the number of brick dimensions below those at present being used.

## 1 Scope and field of application

This International Standard specifies a range of dimensions of basic, fireclay and high alumina refractory bricks for use in rotary kilns.

It does not apply to special closure bricks for use in completing circles.

NOTE — A standard system of hot-face identification marking is in course of preparation.

## 2 Dimensions

The dimensions of basic, fireclay and high alumina refractory bricks for use in rotary kilns shall be as shown in tables 1 and 2.

If a longer brick is required, the use of a brick with length  $L$  of 250 mm is strongly recommended.

It is recognized that bricks having a cold face dimension  $A$  of 90 mm are still used in certain countries.

## 3 Tolerances

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

NOTE — Experience has shown that, in the lining of rotary kilns, the tolerance on the length  $L$  is of particular importance.