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Concrete tests — Dimensions, tolerances and uses of cast test specimens

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Table of changes

Change No.	Date	Scope
Amdt 1	2006	Amended to change the designation of SABS standards to SANS standards, with no technical changes.

Foreword

This South African standard was prepared by National Committee SABS/TC 081/SC 01, *Construction materials, products and test methods – Cement, lime and concrete*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This edition is technically identical to the first edition (SABS SM 860:1994).

Compliance with this document cannot confer immunity from legal obligations.

<p>Reaffirmed and reprinted in June 2019. This document will be reviewed every five years and be reaffirmed, amended, revised or withdrawn.</p>
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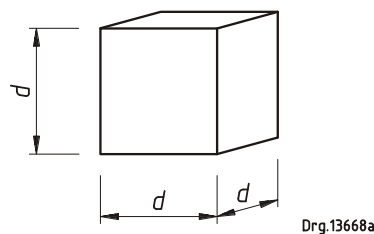
1 Scope

This standard specifies a method of ensuring that the nominal dimensions and shape of cast concrete test specimens in the form of cubes, cylinders, or rectangular prisms of square cross-section are suitable for their intended use.

2 Dimensions

Ensure that the dimensions of the test specimen are within 10 % of the appropriate basic dimensions given in figures 1 to 3. The tolerance on the basic dimensions between each face of a specimen is $\pm 1,0$ %. The basic dimension d of test specimens should be at least four times the nominal maximum size of the aggregate in the concrete.

NOTE The dimensions printed in bold type are the preferred sizes.



d , mm	100	150	200	250	300
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Figure 1 — Basic dimensions of cubes