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**SANS 8362-1:1989**

Edition 1 and nat. amdt 1

**ISO 8362-1:1989**

Edition 1

Any reference to SABS ISO 8362-1 is deemed  
to be a reference to this standard  
(Government Notice No. 1373 of 8 November 2002)

## **SOUTH AFRICAN NATIONAL STANDARD**

### **Injection containers for injectables and accessories**

#### **Part 1: Injection vials made of glass tubing**

This national standard is the identical implementation of ISO 8362-1:1989 and is adopted with the permission of the International Organization for Standardization.

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**SANS 8362-1:1989**

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Edition 1

**Table of changes**

| <b>Change No.</b> | <b>Date</b> | <b>Scope</b>  |
|-------------------|-------------|---|
| Nat. amdt 1       | 2005        | Amended to change the designation from SABS to SANS, with no technical changes. |

**Abstract**

Specifies the form, dimensions and capacities of glass vials for injectable preparations, the material from which such containers shall be made and the performance requirements of those containers. Applies to colourless or amber glass containers made from borosilicate or soda-lime-silica glass, made from glass tubing, whether internally surface-treated or not, and intended to be used in the packaging, storage or transportation of products intended for injection.

**Keywords**

containers, designation, dimensions, flasks (laboratory), glassware, injection vials, marking, medical equipment, parenteral infusion equipment, phials, specifications.

**National foreword**

This South African standard was approved by National Committee StanSA TC 5140.02, *Laboratory equipment*, in accordance with procedures of Standards South Africa, in compliance with annex 3 of the WTO/TBT agreement.

This SANS edition is technically identical to SABS ISO 8362-1:1989.

# INTERNATIONAL STANDARD

**ISO**  
**8362-1**

First edition  
1989-11-01

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## **Injection containers for injectables and accessories —**

### **Part 1 : Injection vials made of glass tubing**

*Réipients et accessoires pour produits injectables —  
Partie 1 : Flacons en verre étiré*



Reference number  
ISO 8362-1 : 1989 (E)

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 8362-1 was prepared by Technical Committee ISO/TC 76, *Transfusion, infusion and injection equipment for medical use*.

ISO 8362 consists of the following parts under the general title *Injection containers for injectables and accessories*:

- *Part 1: Injection vials made of glass tubing*
- *Part 2: Closures for injection vials*
- *Part 3: Aluminium caps for injection vials*
- *Part 4: Injection vials made of moulded glass*