

INTERNATIONAL  
STANDARD

**ISO**  
**8489-1**

Second edition  
1995-12-15

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**Textile machinery and accessories —  
Cones for cross winding —**

**Part 1:**  
Recommended main dimensions

*Matériel pour l'industrie textile — Cônes pour bobinage croisé —  
Partie 1: Dimensions principales recommandées*

ISO 8489-1:1995

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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 voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8489-1 was prepared by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, Subcommittee SC 2, *Winding and preparatory machinery for fabric manufacture*.

This second edition cancels and replaces the first edition (ISO 8489-1:1985), which has been technically revised.

ISO 8489 consists of the following parts, under the general title *Textile machinery and accessories — Cones for cross winding*:

- Part 1: *Recommended main dimensions*
- Part 2: *Dimensions, tolerances and designation of cones with half angle 3 degrees 30'*
- Part 3: *Dimensions, tolerances and designation of cones with half angle 4 degrees 20'*
- Part 4: *Dimensions, tolerances and designation of cones with half angle 4 degrees 20' for winding for dyeing purposes*
- Part 5: *Dimensions, tolerances and designation of cones with half angle 5 degrees 57'*

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## Introduction

The cones given in this part of ISO 8489 are intended to help to reduce the abundance of existing types of cones for winding. Their use is recommended for new designs and in particular for process automation.

This part of ISO 8489 is to be considered as the basic standard regarding the main types of cones for future developments.

For particular applications of large inner diameters and cone lengths one should refer to subsequent parts of ISO 8489. Such parts show additional types of cones which are not included in this part of ISO 8489 and give full information on dimensions, tolerances, cone materials, use of gauges and checking of cone lengths.

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