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**INTERNATIONAL STANDARD**



**2422**

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

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**Truncated cone abrasive sleeves —  
Designation — Dimensions — Tolerances**

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## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

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.

International Standard ISO 2422 was drawn up by Technical Committee ISO/TC 29, *Small tools*.

It was approved in November 1971 by the Member Bodies of the following countries :

Belgium	Italy	Sweden
Czechoslovakia	Japan	Thailand
Egypt, Arab Rep. of	Korea, Rep. of	Turkey
France	Portugal	United Kingdom
Hungary	Romania	U.S.A.
India	South Africa, Rep. of	U.S.S.R.
Israel	Spain	

The Member Bodies of the following countries expressed disapproval of the document on technical grounds :

Netherlands  
Switzerland

# Truncated cone abrasive sleeves — Designation — Dimensions — Tolerances

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard applies to abrasive sleeves of truncated cone form and comprises :

- the designation;
- the range of nominal dimensions;
- the tolerances on these dimensions.

## 2 DESIGNATION

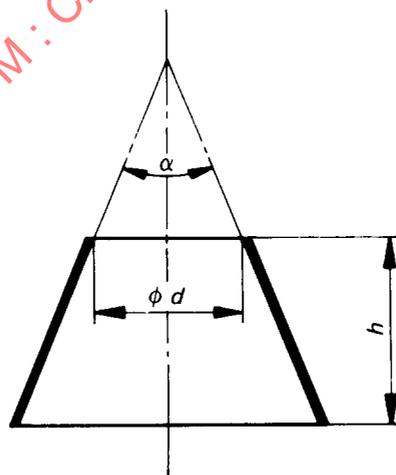
The designation of truncated cone abrasive sleeves consists, in the following order, of the height  $h$ , the small diameter  $d$ , followed by the angle at the top of the cone  $\alpha$ .

### Example

Designation of a truncated cone abrasive sleeve of height  $h = 30$  mm, diameter  $d = 25$  mm, and angle  $\alpha = 45^\circ$ .

Truncated cone abrasive sleeve  $30 \times 25 \times 45^\circ$

## 3 RANGE OF NOMINAL DIMENSIONS AND TOLERANCES



### 3.1 Height $h$ and tolerances

Values in millimetres

$h$	Tolerances
25	$\pm 1$
30	
50	
75	$\pm 2$