
International Standard 93 / 1

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Textile machinery and accessories — Cylindrical sliver cans — Part 1 : Main dimensions

Matériel pour l'industrie textile — Pots cylindriques pour rubans — Partie 1 : Dimensions principales

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Descriptors : textile machinery, sliver cans, cylindrical shape, dimensions.

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.

International Standard ISO 93/1 was developed by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, and was circulated to the member bodies in July 1981.

It has been approved by the member bodies of the following countries:

Australia	Germany, F.R.	South Africa, Rep. of
Belgium	India	Switzerland
Brazil	Italy	Turkey
Bulgaria	Japan	United Kingdom
China	Korea, Rep. of	USSR
Czechoslovakia	Mexico	Yugoslavia
Egypt, Arab Rep. of	Poland	
France	Romania	

No member body expressed disapproval of the document.

This second edition cancels and replaces the first edition (i.e. ISO 93/1-1977).

Textile machinery and accessories — Cylindrical sliver cans — Part 1 : Main dimensions

1 Scope and field of application

This Part of ISO 93 specifies the main dimensions of cylindrical sliver cans.

2 References

ISO 93/2, *Textile machinery and accessories — Cylindrical sliver cans — Part 2 : Spring bottoms.*

ISO 93/3, *Textile machinery and accessories — Cylindrical sliver cans — Part 3 : Packaging sliver cans (press cans).*

3 Sliver cans without castors

3.2 Main dimensions

3.1 Symbols

- d = inside diameter
- d_1 = outside diameter at base, $d_1 = d + 15$ mm
- d_2 = diameter of recess, $d_2 = d - 15$ mm
- h = overall height
- h_1 = height of recess

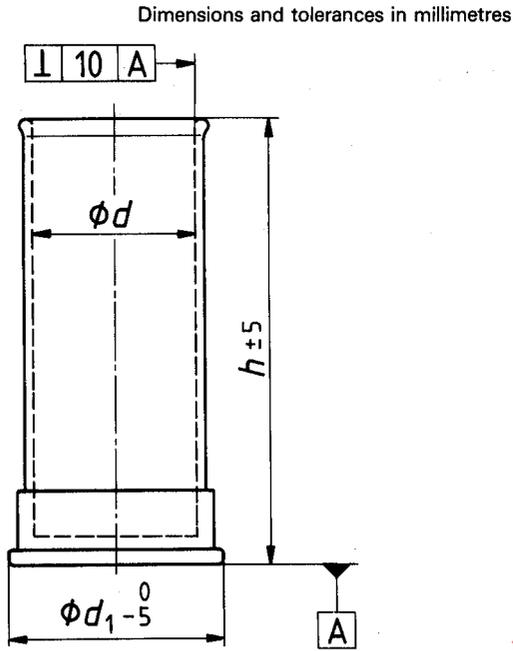


Figure 1 — Flat base can

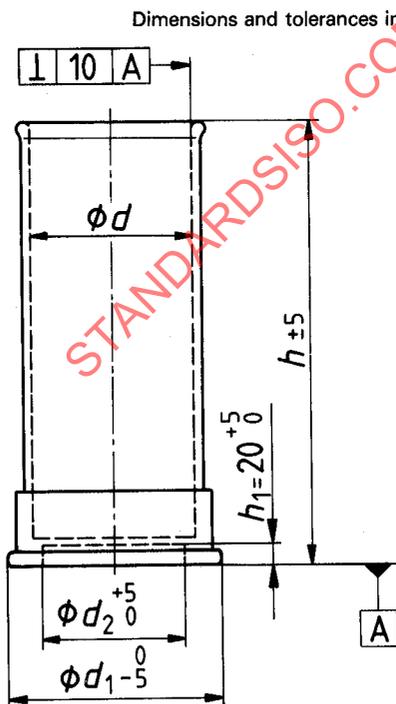


Figure 2 — Inverted base can

Table 1 — Dimensions of sliver cans without castors

Values in millimetres

d	$h^{1)}$
225	900
250	800
	900
300	800
	900
	1 000
350	800
	900
	1 000
400	800
	900
	1 000
	1 100
(450) ²⁾	1 000
500	900
	1 000
	1 100
	1 200
(550) ²⁾	1 000
600	900
	1 000
	1 100
	1 200
700	900
	1 000
	1 100
	1 200
800	900
	1 000
	1 100
	1 200
900	900
	1 000
	1 100
	1 200
1 000	900
	1 000
	1 100
	1 200

1) Heights in excess of 1 200 mm to be in increments of 100 mm.

2) The values shown in brackets should be avoided wherever possible.

4 Sliver cans with castors

4.1 Symbols

- d = inside diameter
- d_1 = outside diameter at base, $d_1 = d + 15$ mm
- d_2 = inside diameter of recess, $d_2 = d - 15$ mm
- d_3 = turning circle of castors
- h = overall height with castors

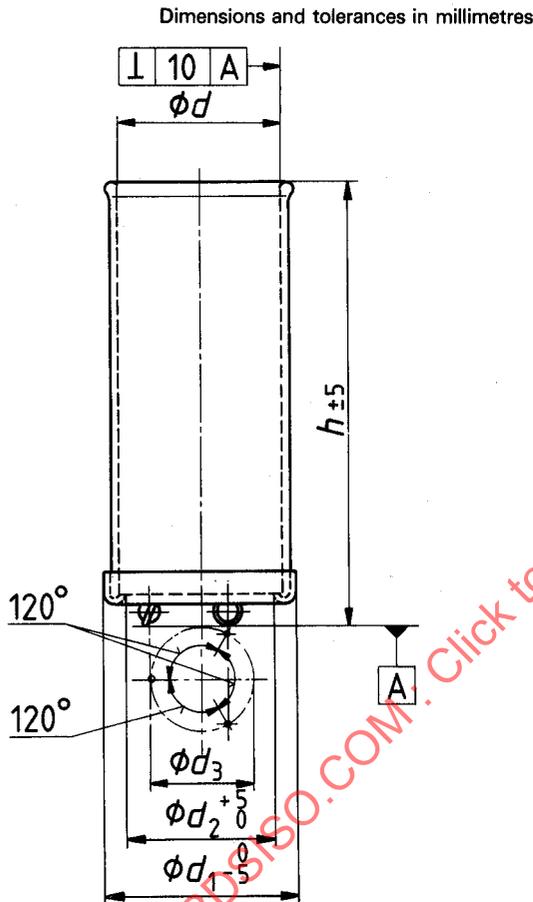


Figure 3 — Sliver can with castors

NOTE — The figure shows a can with three castors, but it possible to produce cans fitted with four castors, particularly for inside diameters above 700 mm.

4.2 Main dimensions

Table 2 — Dimensions of sliver cans with castors

Values in millimetres

d	$h^{1)}$	d_3	
400	900	$d - 120$	
	1 000		
(450) ²⁾	1 000		
	1 100		
500	1 000		
	1 100		
	1 200		
600	900		$d - 160$
	1 000		
	1 100		
700	1 000		
	1 100		
	1 200		
800	1 000		
	1 100		
	1 200		
900	1 000		
	1 100		
	1 200		
1 000	1 100		
1 200	1 200		
1 400	1 200		
1 600	1 200		

- 1) Heights in excess of 1 200 mm to be in increments of 100 mm.
- 2) The value shown in brackets should be avoided wherever possible.

5 Designation

Example of designation of a sliver can without castors, corresponding to figure 2, with inside diameter $d = 600$ mm and overall height $h = 1200$ mm :

Can without castors ISO 93/1, fig. 2 - 600 × 1 200

Example of designation of a sliver can with three castors, with inside diameter $d = 600$ mm and overall height $h = 1200$ mm :

Can with 3 castors ISO 93/1 - 600 × 1 200

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