
**Textile machinery and accessories —
Cylindrical sliver cans —**

**Part 1:
Main dimensions**

*Matériel pour l'industrie textile — Pots cylindriques pour rubans —
Partie 1: Dimensions principales*
(standards.iteh.ai)

ISO 93-1:1998

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 93-1 was prepared by Technical Committee ISO/TC 72, *Textile machinery and machinery for dry-cleaning and industrial laundering*, Subcommittee SC 1, *Spinning preparatory, spinning, twisting and winding machinery and accessories*.

This third edition cancels and replaces the second edition (ISO 93-1:1982), which has been technically revised.

ISO 93 consists of the following parts, under the general title *Textile machinery and accessories — Cylindrical sliver cans*:

— Part 1: Main dimensions

— Part 2: Spring bottoms

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Textile machinery and accessories — Cylindrical sliver cans —

Part 1: Main dimensions

1 Scope

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

2 Sliver cans without castors

2.1 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

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Dimensions and tolerances in millimetres

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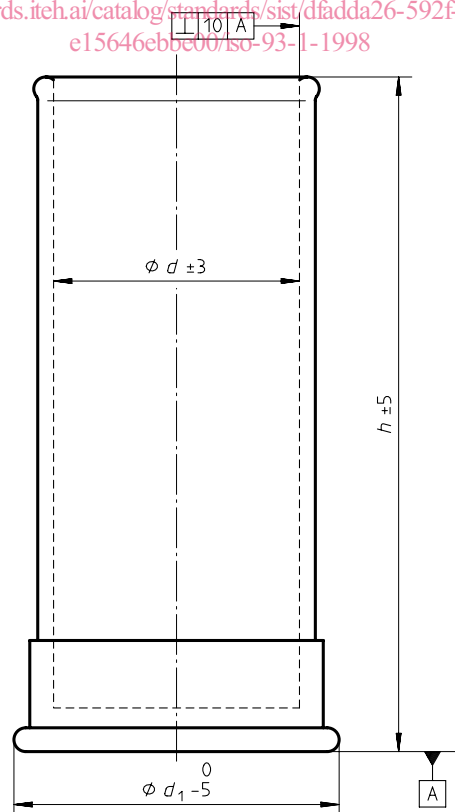
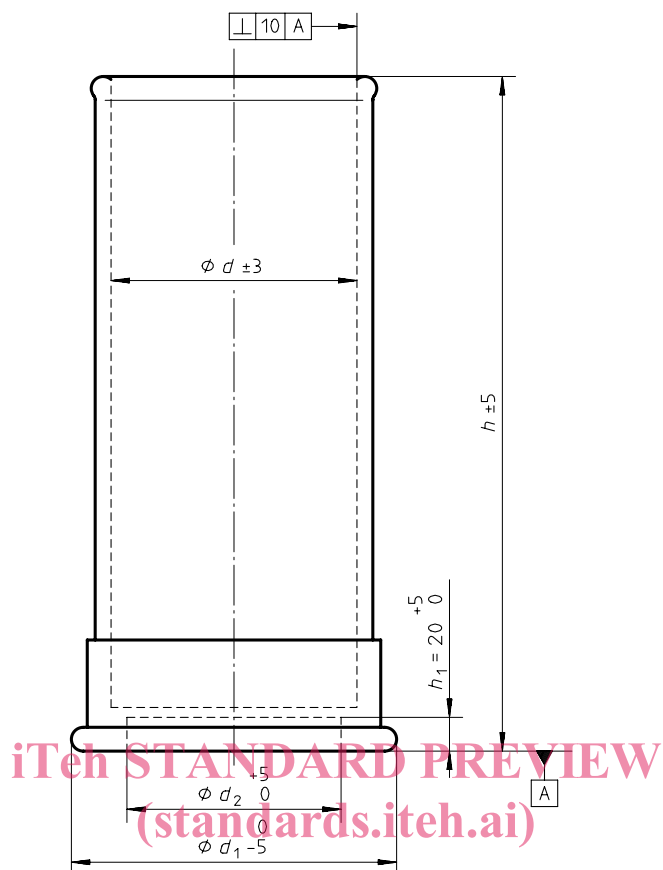


Figure 1 — Flat base can

Dimensions and tolerances in millimetres



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 Figure 2 — Inverted base can
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2.2 Main dimensions

Table 1 — Dimensions of sliver cans without castors

Dimensions in millimetres

d	h
300	900
350	
400	
450	
500	
600	
700	
300	1 000
350	
400	
450	
500	
600	
700	
400	1 100
450	
500	
600	1 200 ^b
700	
450	
500	
600	
700	

^a Diameters in excess of 700 mm to be in increments of 100 mm.

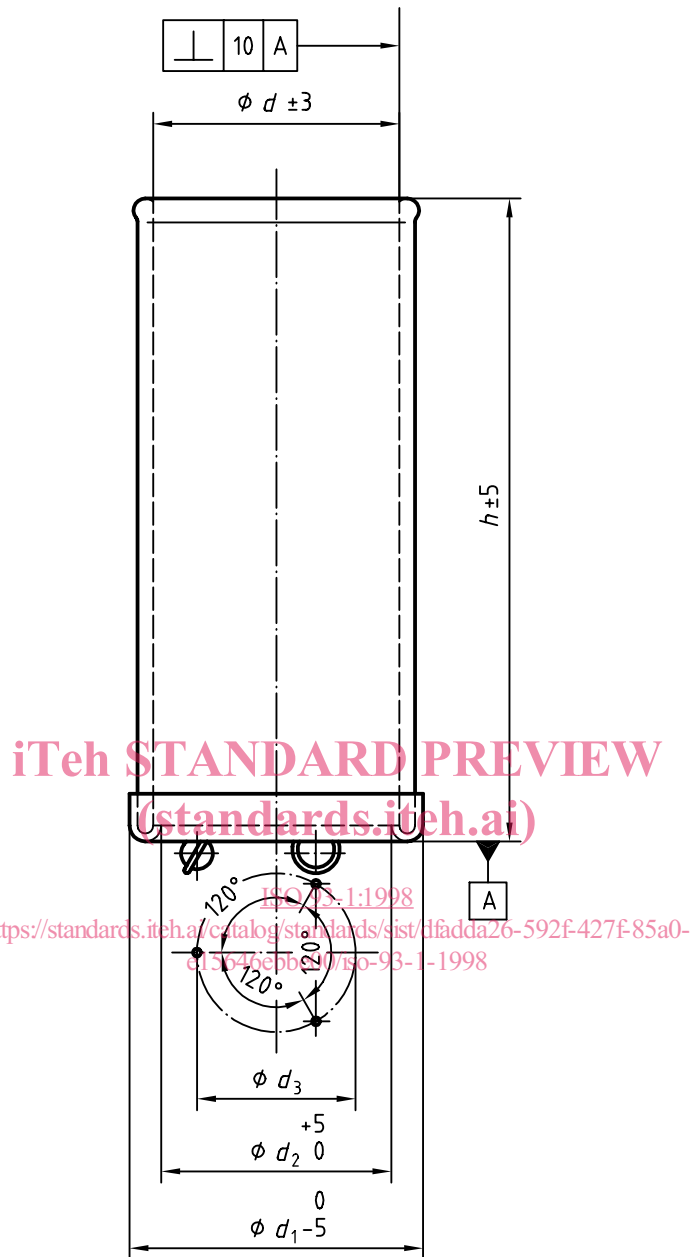
^b Heights in excess of 1 200 mm to be in increments of 100 mm.

3 Sliver cans with castors

3.1 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

Dimensions and tolerances in millimetres



NOTE This figure shows a can with three castors, but cans may be fitted with four castors, particularly for inside diameters above 700 mm.

Figure 3 — Sliver can with castors

3.2 Main dimensions

Table 2 — Dimensions of sliver cans with castors

Dimensions in millimetres

d	h	d_3
400	900	280
450		330
500		380
600		480
400	1 000	280
450		330
500		380
600		480
700		540
800		640
900		740
450	1 100	330
500		380
600		480
700		540
800		640
900		740
1 000	840	
450	1 200 ^b	330
500		380
600		480
700		540
800		640
900		740
1 000 ^a		840
^a Diameters in excess of 1 000 mm to be in increments of 200 mm. ^b Heights in excess of 1 200 mm to be in increment of 100 mm.		

4 Designation

Example of designation of a sliver can without castors, corresponding to figure 2, with inside diameter $d = 600$ mm and overall height $h = 1 200$ mm:

Can without castors ISO 93-1, fig. 2 – 600 × 1200

Example of designation of a sliver can with three castors, with inside diameter $d = 600$ mm and overall height $h = 1 200$ mm:

Can with 3 castors ISO 93-1 – 600 × 1200

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