
**Textile machinery — Sliver cans,
rectangular — Main dimensions and
tolerances**

*Matériel pour l'industrie textile — Pots pour rubans, rectangulaires —
Dimensions principales et tolérances*

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Published in Switzerland

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ISO 16853 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*.

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Textile machinery — Sliver cans, rectangular — Main dimensions and tolerances

1 Scope

This International Standard specifies the main dimensions, with tolerances, of rectangular sliver cans used in the textile industry. It also gives information about the right-angle position of cans.

2 Symbols

For the purposes of this document, the following symbols apply.

b_1 outer width of can

b_2 inner width of can

h_1 outer height of can

l_1 outer length of can

l_2 inner length of can

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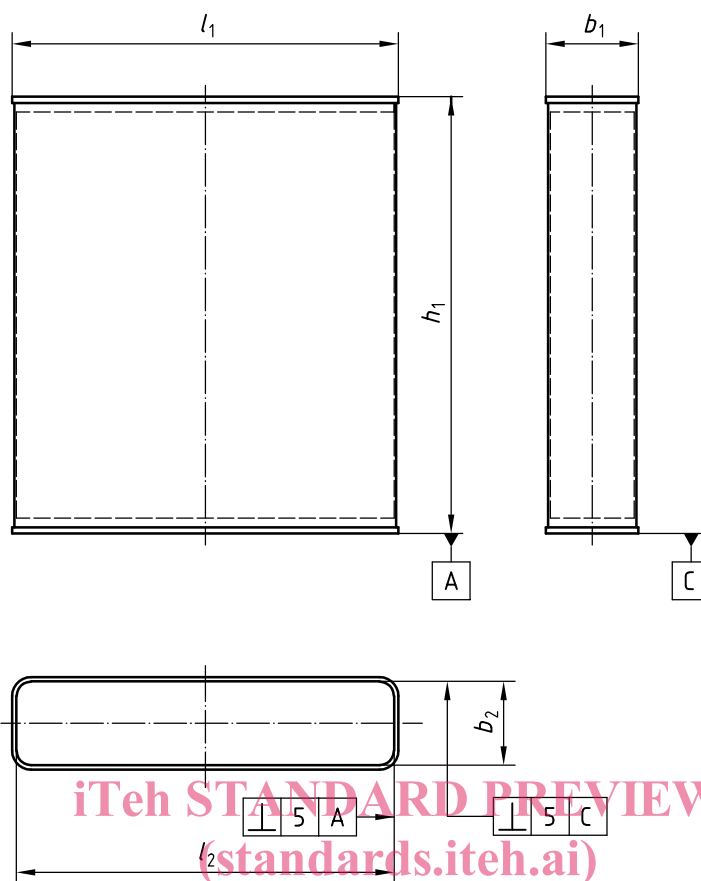
3 Main dimensions

Dimensions shall be according to Table 1 and Figure 1.

4 Designation

EXAMPLE Designation of a rectangular sliver can corresponding to Figure 1 and Table 1, with an inner length of $l_2 = 900$ mm and inner width of $b_2 = 215$ mm and with an outer height of $h_1 = 1\,070$ mm:

Rectangular sliver can ISO 16853 – 900 × 215 × 1070



$l_2 = l_1 - 20 \text{ mm}$
 $b_2 = b_1 - 20 \text{ mm}$

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Figure 1 — Sliver can, rectangular — Main dimensions

Table 1 — Main dimensions of rectangular sliver cans

Dimensions in millimetres

l_1 ± 3	$l_2 = l_1 - 20$	b_1 0 -5	$b_2 = b_1 - 20$	h_1 ^b ± 5
920	900	215	195	1 040 1 070 1 100 1 200
		220 ^a	200 ^a	1 040 1 070 1 100 1 200
		235 ^a	215 ^a	1 040 1 070 1 100 1 200
		250 ^a	230 ^a	1 040 1 070 1 100 1 200
<p>^a Preferred dimensions. ISO 16853:2003</p> <p>^b Heights above 1200 mm in steps of 100 mm. catalog/standards/sist/3172194b-ac83-4936-9779-abba96cc4559/iso-16853-2003</p>				

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ICS 59.120.10

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