International Standard 6170

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Spinning machinery — Condenser rubbers for cards

Machines de filature — Manchons-frotteurs (de sortie) de cardes

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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 6170 was developed by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, and was circulated to the member bodies in May 1982.

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

Belgium	Italy	Spain
Brazil	Korea, Rep. of	Switzerland
Czechoslovakia	Netherlands	Turkey
Egypt, Arab Rep. of	Poland	United Kingdom
France	Romania	USSR
India	South Africa, Rep. of	Yugoslavia

The member body of the following country expressed disapproval of the document on technical grounds :

Japan

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Spinning machinery — Condenser rubbers for cards

1 Scope and field of application

This International Standard lays down the main dimensions of condenser rubbers for cards.

2 Terminology and symbols

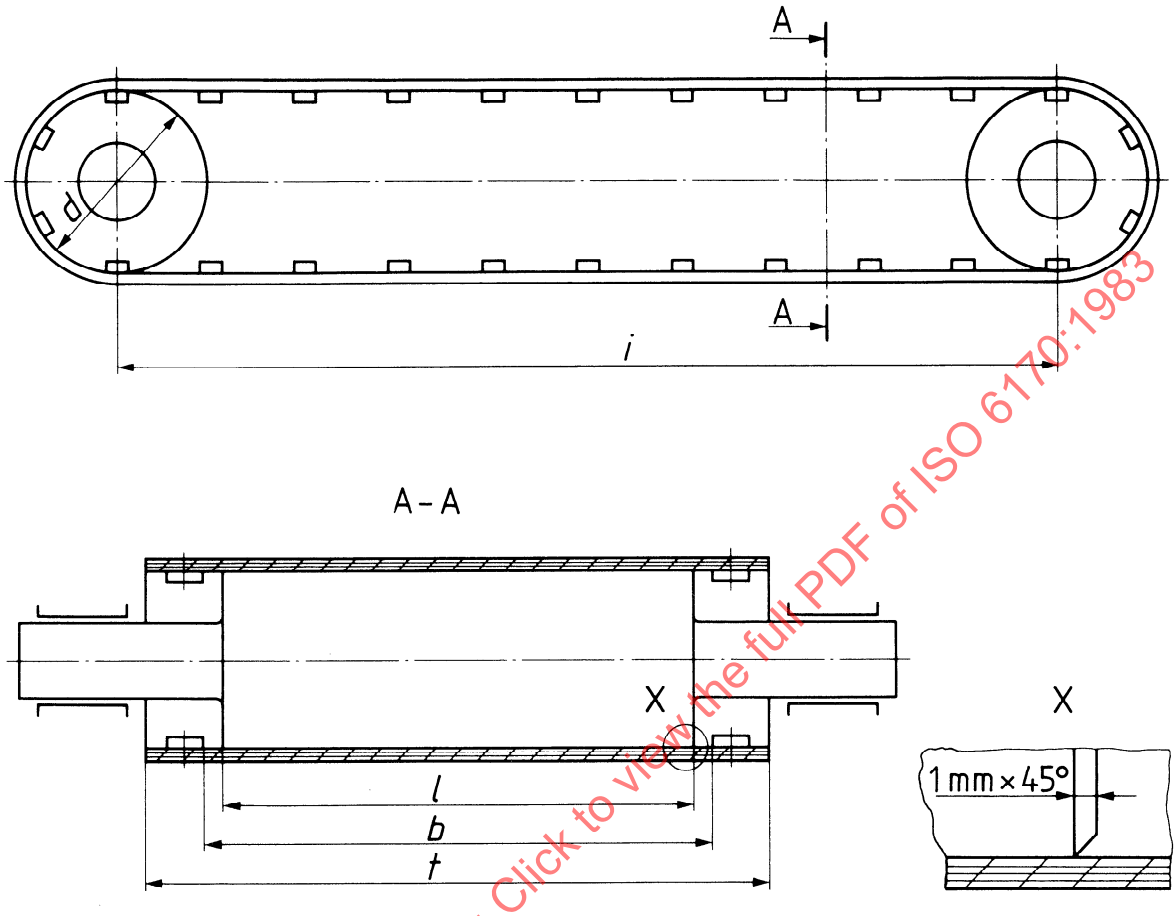

Figure — Condenser rubber, with rollers

d = diameter of roller body

i = average distance between roller centres

i_{max} = maximum distance between roller centres

i_{min} = minimum distance between roller centres

l = width of roller body

b = distance between the buttons inside the condenser rubber

t = overall width of the condenser rubber

c = internal circumference of the condenser rubber (excluding buttons)

n = number of grooves per 100 mm on the outside surface of the condenser rubber

p = pitch, distance between centre to centre of grooves

3 Dimensions

Table 1 — Main dimensions of condenser rubbers

Values in millimetres

b	t	c
l + 10	l + (60 ... 80)	900 940 970 1 010 1 050 1 200

Table 2 — Number of grooves on external surface and corresponding pitch

Number of grooves per 100 mm n $\frac{1}{100\ \text{mm}}$	Pitch p mm	Permitted deviation
0	—	—
16	6,25	± 5 %
20	5	
24	4,2	
65	1,5	

4 Designation

The designation of a condenser rubber shall include the following information in the order given :

a) name;

b) reference to this International Standard;

c) the internal circumference of the condenser rubber (excluding buttons);

d) the overall width of the condenser rubber;

e) the distance between the buttons inside the condenser rubber;

f) the number of grooves per 100 mm on the outside surface of the condenser rubber.

Example

Designation of a condenser rubber with c = 1 010 mm, t = 2 630 mm, b = 2 560 mm and $n = 20\ \frac{1}{100\ \text{mm}}$ (p = 5 mm) :

Condenser rubber ISO 6170 - 1 010 × 2 630 × 2 560 - 20

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