



ISO/TC 172/SC 7/WG 2
Spectacle frames

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New Japanese comments on N242

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Background: For consideration during the Working Group meetings in September and October.

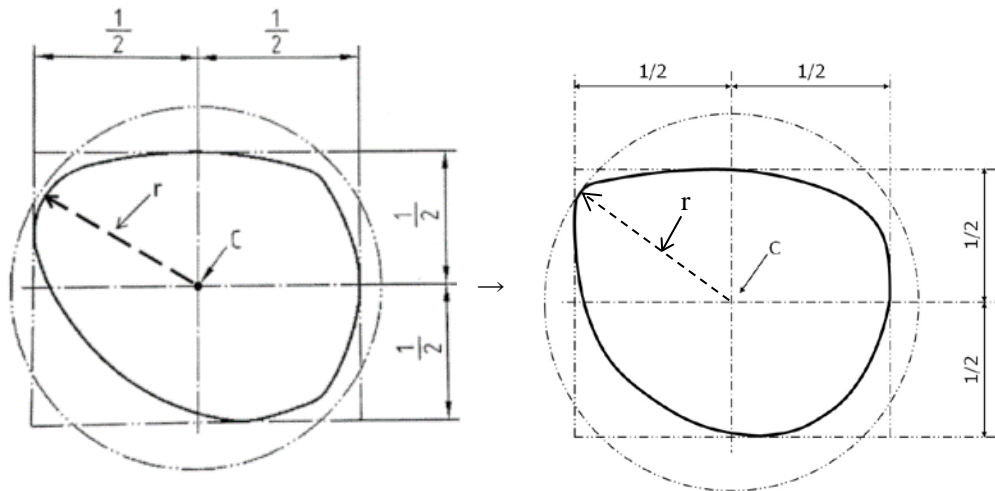
Committee URL: <http://isotc.iso.org/livelink/livelink/open/tc172sc7wg2>

Japanese comments on N242

21 September, 2017

1) C11 for ISO8624

The following left figure should be replaced by right figure.



The circle should pass through the point on the edge furthest from the center without an allowance for edging.

[Reason]

The amount of an allowance for edging is not specified in the standard. The amount depends on the combination between spectacle frame and lens.

2) C16 for ISO8624, Proposed change

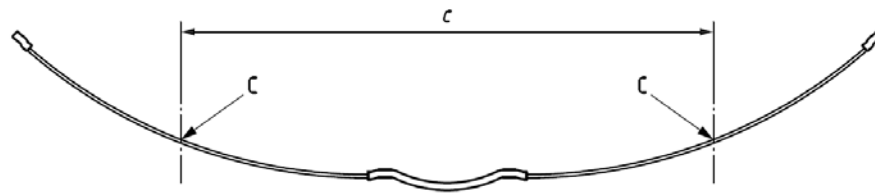
“This is twice the radius, r , (distance) from the boxed centre of the lens shape to the point on the edge furthest from the centre *and an allowance for edging.*”

→“*and an allowance for edging*” should be deleted.

[Reason]

Please see the comment 1).

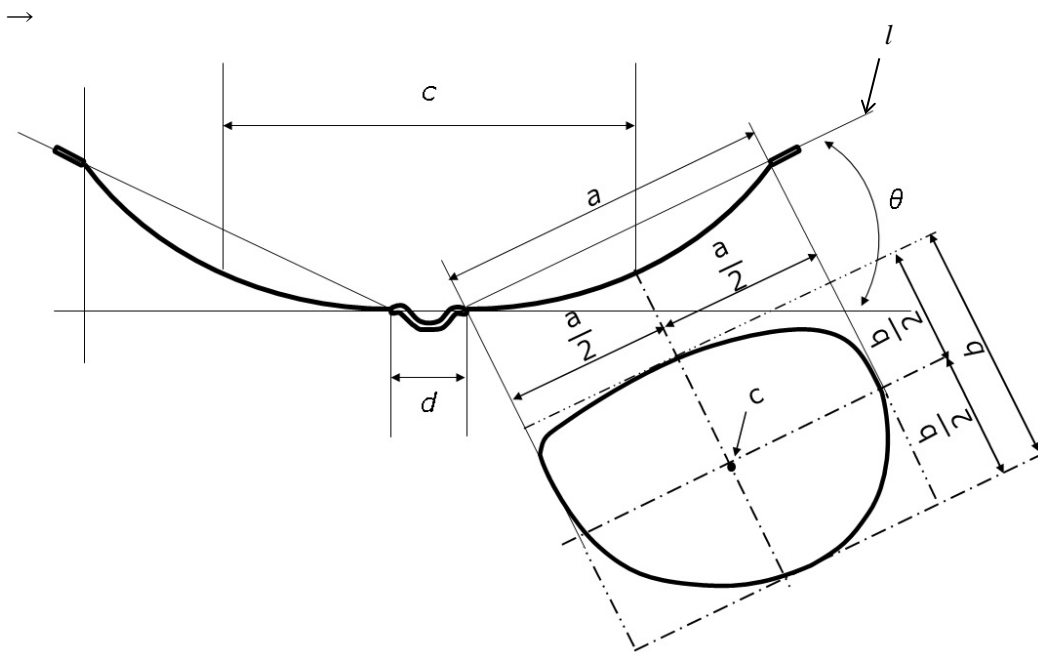
3) Annex 1



Key

- C boxed centre
- c boxed centre distance

Figure 4 — Measurement of boxed centre distance in frame having significant face form angle



Key

- C boxed centre
- a horizontal lens size
- b vertical lens size
- c boxed centre distance
- d distance between lenses
- l lens plane
- θ face form angle

Figure 4 – Measurement of horizontal lens size, vertical lens size and boxed centre distance, distance between lenses and lens plane

Our proposal is to delete Figure 1 c) and Figure 1 b) in the Annex 1 and to replace Figure 4 to our

new Figure 4.

[Reason]

1. It is difficult to distinguish Figure 1 c) from Figure 1.
2. The caption in Figure 1 for Option 1) reads “this figure applies to frames with insignificant face form angle”. But, there is no rule to distinguish “insignificant” from “significant”.
3. We discussed the lens plane including a Japanese expert from edging machine manufacture. We agreed that the lens plane should be based on the bottom of lens groove.

4) Comment for ISO 12870

(1) On page 17, Note 2 in Table 3

“Marking of horizontal boxed lens size and distance lenses is optional for three-piece rimless mounts.”

On the other hand, frame type in Table 1 is classified into “Rimless and semi-rimless mounts”.

Therefore, “for three-piece rimless mounts” should be replaced by “for rimless and semi-rimless mounts”.

(2) On page 2, subclause 4.4 for rimless and semi-rimless mounts

In this connection, the compliance of subclause 4.4 is optional for rimless and semi-rimless mounts. This means that the measurements of horizontal boxed lens size, distance between lenses and overall length of side are optional. On the other hand, the marking of overall length of side is general requirement. Therefore, the compliance of subclause 4.4 for rimless and semi-rimless mounts should be divided into the following two.

Option for horizontal boxed lens size and distance between lenses

General requirement for overall length of side

5) Annex 4

We do not agree the USA proposal of a tolerance on the internal circumference of the rim of a spectacle frame of 0.3.

[Reason]

Japanese spectacle frame manufacturers do not always measure the internal circumference of rim. If a tolerance of the internal circumference is required, the tolerance should depend on the contract between a retailer and a frame manufacturer.