

<p>Accredited Standards Committee H35</p> <p>ALUMINUM and ALUMINUM ALLOYS</p> <p>ANSI Accredited Standards Committee</p>	<p>Secretariat:</p> <p>The Aluminum Association, Inc. 1400 Crystal Drive, Suite 430 Arlington, VA 22202</p> <p>Telephone: (703) 358-2978 e-mail: smuhamed@aluminum.org</p>
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DATE: February 27, 2024

TO: Kirt Butler
kirt.g.butler@boeing.com

FROM: Sam Muhamed
Manager, Standards & Technology
smuhamed@aluminum.org

SUBJECT: Re: Question regarding ANSI H35.2, Table 11.6, and Footnote 9

Dear Mr. Butler,

The question that you submitted was reviewed by our Technical Committee on Product Standards. Your question and our response to it are as follows:

Your Question:

Question regarding ANSI H35.2, Table 11.6, and Footnote 9.

Does Footnote 9 apply to the entire Table?

Our Response:

Yes, footnote 9 applies to the entire table 11.6. Straightness tolerances must be met in all orientations including those that are not self-supporting. For example, a tube may need to be held in place artificially to measure its bow in an orientation that the tube would not assume when freely resting, as see in the image below:

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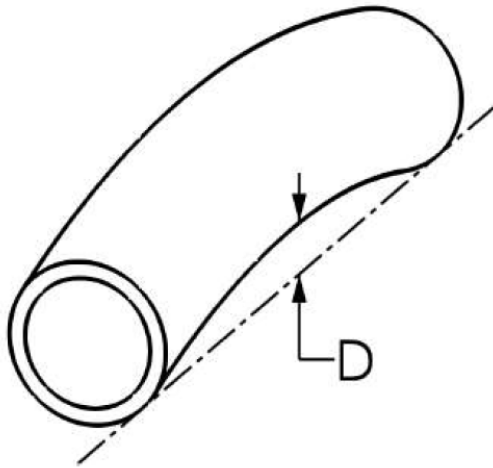
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Tolerance measurements taken in the direction of bow and orientation of sample as seen in the above image also adhere to footnote 3, which states that the measurement is to be taken such that the weight of the piece acting on itself minimizes deviation.

The following two video resources provide more clarity on how straightness tolerances are calculated and the implications behind some of the footnotes of the table:

1. The Aluminum Association: https://youtu.be/kNTppPRtYol?si=0Xs9H_DxlwGZocHS
2. ILSCO Extrusions: <https://youtu.be/ghX289YwMFI?si=jGvFxemmn-dbD0HHT>

With best regards,

A handwritten signature in black ink, appearing to read 'Sam Muhamed'.

Sam Muhamed

cc: TCPS Members

ASC H35 Members

Dima Atiya – Baker & Hostetler

“Response Letters to Interpretation Questions” Folder