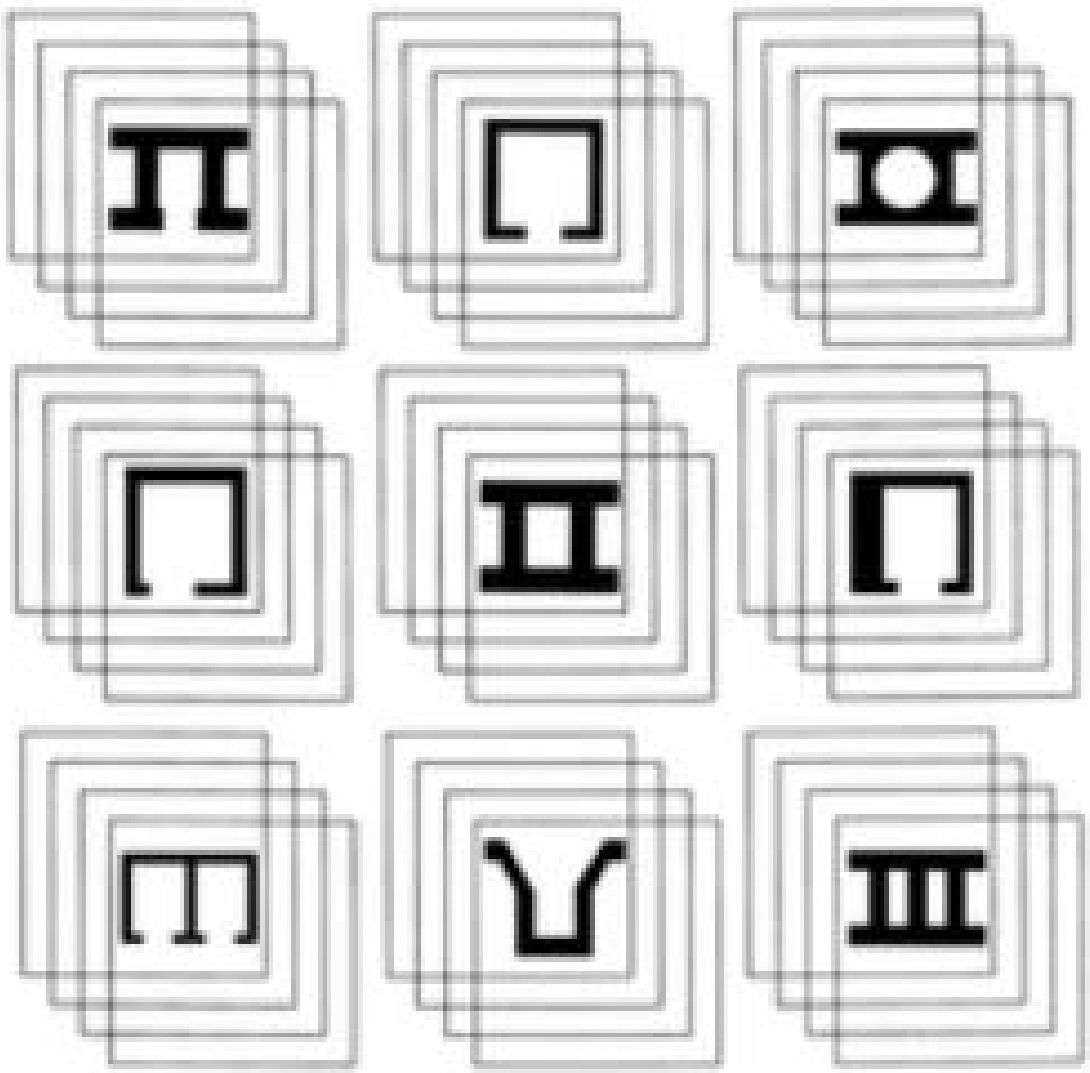
Understanding Aluminum Extrusion Tolerances

The Aluminum Association



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About The Aluminum Association

The Aluminum Association represents primary and secondary producers of aluminum, as well as semi-fabricated products.

Member companies operate approximately 400 plants in 30 states.

The Association's mission is to increase understanding of aluminum and the aluminum industry and increase aluminum's use through its' technical, statistical, marketing and informational activities and services. The Association's programs are designed to serve its customers, consumers, educators, students, government and the public generally.

For the aluminum industry and its customers, the Association develops standards and designation systems, prepares codes and specifications involving aluminum products and addresses technical and marketing issues for the industry. The Association is the leading source of statistics for the aluminum industry.

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This publication explains and illustrates many aspects of the published standard tolerances for aluminum alloy extrusions, such as those contained in *The Aluminum Association's Aluminum Standards and Data* and the *American National Standard Dimensional Tolerances for Aluminum Mill Products,* ANSI H35.2. These standards are maintained by The Aluminum Association, the latter on commission by the American National Standards Institute (ANSI).

The tolerances published in Aluminum Standards and Data and in ANSI H35.2 result from the voluntary consensus standards development process prescribed by ANSI. Hence, the existence of the standards do not preclude an individual or organization from manufacturing, marketing, purchasing, or using products not conforming to the tolerances covered by the standards and discussed in this publication.

The publication and the videotape upon which is was based were developed under the guidance of a technical task force of The Aluminum Association's Extruded Products Division, which sponsored their production. While the task force used its best efforts to ensure the accuracy of the content, the task force, the Extruded Products Division, and The Aluminum Association do not warrant, guarantee, or otherwise assume any responsibility for the use of the information provided in any specific application.

This publication, *Understanding Aluminum Extrusion Tolerances,* was originally written as a supplement for a 30-min video with the same title. The section and page numbers used in the publication were intended as references to sections of that videotape; in using the publication by itself, those designations have no special significance. The videotape Understanding Aluminum Extrusion Tolerances is still available for purchase from The Aluminum Association at the address printed inside the front cover.

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