

**HOLLOW
METAL
MANUAL**

AMERICAN NATIONAL STANDARD

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NAAMM

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0 8 11 13 Hollow Metal Doors and Frames

TOLERANCES AND CLEARANCES FOR COMMERCIAL HOLLOW METAL DOORS AND FRAMES

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This standard was developed by representative members of the Hollow Metal Manufacturers Association Division (HMMA) of the National Association of Architectural Metal Manufacturers (NAAMM) to provide their opinion and guidance on the manufacturing tolerances including installation and operating clearances of hollow metal frames and doors. This standard contains advisory information only and is published as a public service by NAAMM and its HMMA Division. NAAMM and its HMMA Division disclaim all liability of any kind for the use, application, or adaptation of material published in this standard.

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FOREWORD

Accurate fabrication and installation are essential to the performance of doors and frame product. The requirements for manufacturing and installation are given in the following Sections. The manufacturer is responsible for producing doors and frame product that comply with these Sections. However, it is important to recognize that proper installation is not the responsibility of the hollow metal manufacturer. For this reason, the requirements for installation should be included in the Section of the specifications where installation work is specified. It shall be the responsibility of the general contractor, using experienced installers, to perform the work outlined below. For additional information regarding installation see NAAMM HMMA 840, "Guide Specifications for Installation and Storage of Hollow Metal Doors and Frames".

Hollow metal doors are undersized to fit the door opening in the frame. Final clearances and relationship between door and frame product depend on the setting of the frame and the hanging and adjustment of the door and hardware. Recommended clearances must be met to ensure functional operation.

Operating clearances for Commercial Security, Detention Security, and Sound Control doors and frames depend upon the requirements of specified hardware. See ANSI/NAAMM HMMA 862, Guide Specifications for Commercial Security Hollow Metal Doors and Frames, ANSI/NAAMM HMMA 863, Guide Specifications for Detention Security Hollow Metal Doors and Frames, and ANSI/NAAMM HMMA 865, Guide Specifications for Swinging Sound Control Hollow Metal Doors and Frames. Operation of sound control doors and frames is dependent on the clearances of individual manufacturer's design.

The values stated in inch-pound units are to be regarded as the standard. Corresponding metric values are included in the parenthesis for reference purposes only.