

International Alloy Designations and Chemical Composition Limits for Wrought Aluminum and Wrought Aluminum Alloys



1525 Wilson Boulevard, Arlington, VA 22209
www.aluminum.org

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FOREWORD

Listed herein are designations and chemical composition limits for wrought aluminum and wrought aluminum alloys registered with The Aluminum Association. Numerical designations are assigned in accordance with the *Recommendation—International Designation System for Wrought Aluminum and Wrought Aluminum Alloys*, which is printed on pages 25 through 27. Additions may be made in accordance with the rules outlined in the Declaration of Accord printed on page 28, and alloys will be deleted when no longer in commercial use (see table of inactive alloys printed on pages 21-22).

Since the International Designation System for Wrought Aluminum and Wrought Aluminum Alloys is based on USA's national standard "*American National Standard Alloy and Temper Designation System for Aluminum ANSI H35.1*," the system limits introduction of experimental alloy compositions to USA registrations. An experimental alloy registered by USA under this system is indicated by the prefix "X" and is subject to the following rules:

1. A composition shall not be designated as experimental ("X") for more than five years.
2. During its experimental status, the registering organization may request changes in the composition limit of the alloy, provided that it does not invalidate any assigned designation.
3. The "X" is dropped when the alloy is no longer experimental.
4. An experimental composition that is inactivated shall retain the prefix "X" for the duration of its inactive status. If reactivated, the "X" shall be removed.

Some of the registered alloys may be the subject of patent or patent applications, and their listing herein is not to be construed in any way as the granting of a license under such patent right.

A list of the organizations that are signatories to the Declaration of Accord on the Recommendation is printed on pages ii-iii.