



# Standard Terminology Relating to Aluminum- and Magnesium-Alloy Products<sup>1</sup>

This standard is issued under the fixed designation B881; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

## 1. Scope\*

1.1 This terminology covers the principal terms and definitions relating to aluminum- and magnesium-alloy products. It is published to encourage uniformity of terminology throughout Committee B07 product specifications.

1.2 Certain definitions and definitions of terms specific to a standard will remain in the individual standards and will not be included in this terminology (see 3.4).

## 2. Referenced Documents

### 2.1 ASTM Standards:<sup>2</sup>

**B26/B26M** Specification for Aluminum-Alloy Sand Castings

**B80** Specification for Magnesium-Alloy Sand Castings

**B85** Specification for Aluminum-Alloy Die Castings

**B90/B90M** Specification for Magnesium-Alloy Sheet and Plate

**B91** Specification for Magnesium-Alloy Forgings

**B92/B92M** Specification for Unalloyed Magnesium Ingot and Stick For Remelting

**B93/B93M** Specification for Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings

**B94** Specification for Magnesium-Alloy Die Castings

**B107/B107M** Specification for Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire

**B108** Specification for Aluminum-Alloy Permanent Mold Castings

**B179** Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes

**B199** Specification for Magnesium-Alloy Permanent Mold Castings

**B209** Specification for Aluminum and Aluminum-Alloy Sheet and Plate

**B210** Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes

**B211** Specification for Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire

**B221** Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes

**B234** Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Condensers and Heat Exchangers

**B236** Specification for Aluminum Bars for Electrical Purposes (Bus Bars)

**B241/B241M** Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube

**B247** Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings

**B308/B308M** Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles

**B313/B313M** Specification for Aluminum and Aluminum-Alloy Round Welded Tubes

**B316/B316M** Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods

**B317/B317M** Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, Structural Profiles, and Profiles for Electrical Purposes (Bus Conductor)

**B345/B345M** Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube for Gas and Oil Transmission and Distribution Piping Systems

**B361** Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings

**B373** Specification for Aluminum Foil for Capacitors (Withdrawn 2015)<sup>3</sup>

**B403** Specification for Magnesium-Alloy Investment Castings

**B404/B404M** Specification for Aluminum and Aluminum-Alloy Seamless Condenser and Heat-Exchanger Tubes with Integral Fins (Withdrawn 2006)<sup>3</sup>

**B429/B429M** Specification for Aluminum-Alloy Extruded Structural Pipe and Tube

**B479** Specification for Annealed Aluminum and Aluminum-Alloy Foil for Flexible Barrier, Food Contact, and Other Applications (Withdrawn 2015)<sup>3</sup>

<sup>1</sup> This terminology is under the jurisdiction of ASTM Committee B07 on Light Metals and Alloys and is the direct responsibility of Subcommittee B07.03 on Aluminum Alloy Wrought Products.

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<sup>2</sup> For referenced ASTM standards, visit the ASTM website, [www.astm.org](http://www.astm.org), or contact ASTM Customer Service at [service@astm.org](mailto:service@astm.org). For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

<sup>3</sup> The last approved version of this historical standard is referenced on [www.astm.org](http://www.astm.org).