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Aluminum and Magnesium Alloys

B26/B26M-18 Standard Specification for Aluminum-Alloy Sand Castings

B37-18 Standard Specification for Aluminum for Use in Iron and Steel Manufacture

B80-15 Standard Specification for Magnesium-Alloy Sand Castings

B85/B85M-18 Standard Specification for Aluminum-Alloy Die Castings

B90/B90M-15 Standard Specification for Magnesium-Alloy Sheet and Plate

B91-17 Standard Specification for Magnesium-Alloy Forgings

B92/B92M-17 Standard Specification for Unalloyed Magnesium Ingot and Stick For Remelting

B93/B93M-15 Standard Specification for Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings

B94-18 Standard Specification for Magnesium-Alloy Die Castings

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B108/B108M-18 Standard Specification for Aluminum-Alloy Permanent Mold Castings

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 ${\tt B210-12\ Standard\ Specification\ for\ Aluminum\ and\ Aluminum-Alloy\ Drawn\ Seamless\ Tubes}$

B210M-12 Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes (Metric)

B211-12e1 Standard Specification for Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire

B211M-12e1 Standard Specification for Aluminum and Aluminum-Alloy Rolled or Cold-Finished Bar, Rod, and Wire (Metric)

B221M-13 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric)

B221-14 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes

B234-17 Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Surface Condensers, Evaporators, and Heat Exchangers

B234M-17 Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes for Surface Condensers, Evaporators, and Heat Exchangers (Metric)

B236-07(2015) Standard Specification for Aluminum Bars for Electrical Purposes (Bus Bars)

B236M-07(2015) Standard Specification for Aluminum Bars for Electrical Purposes (Bus Bars) (Metric)

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B247-15 Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings

B247M-15 Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric)

B296-03(2014) Standard Practice for Temper Designations of Magnesium Alloys, Cast and Wrought

B308/B308M-10 Standard Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles

B316/B316M-15 Standard Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods

B317/B317M-07(2015)e1 Standard Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, Structural Profiles, and Profiles for Electrical Purposes (Bus Conductor)

 ${\tt B361-16\,Standard\,Specification\,for\,Factory-Made\,Wrought\,Aluminum\,and\,Aluminum-Alloy\,Welding\,Fittings}$

B403-12 Standard Specification for Magnesium-Alloy Investment Castings

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B548-03(2017) Standard Test Method for Ultrasonic Inspection of Aluminum-Alloy Plate for Pressure Vessels

B557-15 Standard Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products

B557M-15 Standard Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products (Metric)

B565-04(2015) Standard Test Method for Shear Testing of Aluminum and Aluminum-Alloy Rivets and Cold-Heading Wire and Rods

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B917/B917M-12 Standard Practice for Heat Treatment of Aluminum-Alloy Castings from All Processes

B918/B918M-17a Standard Practice for Heat Treatment of Wrought Aluminum Alloys

B926-09(2017) Standard Method for Pinhole Determination in Aluminum and Aluminum Alloy Plain Foil by Means of a Light Table

B928/B928M-15 Standard Specification for High Magnesium Aluminum-Alloy Products for Marine Service and Similar Environments

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B951-11(2018) Standard Practice for Codification of Unalloyed Magnesium and Magnesium-Alloys, Cast and Wrought

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B969/B969M-18 Standard Specification for Aluminum-Alloy Castings Produced by Squeeze Casting, and the Semi-Solid Thixocast and Rheocast Casting Processes

B985-12(2016) Standard Practice for Sampling Aluminum Ingots, Billets, Castings and Finished or Semi-Finished Wrought Aluminum Products for Compositional Analysis

B998-17 Standard Guide for Hot Isostatic Pressing (HIP) of Aluminum Alloy Castings

E252-06(2013) Standard Test Method for Thickness of Foil, Thin Sheet, and Film by Mass Measurement