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B403-20 Standard Specification for Magnesium-Alloy Investment Castings

B565-20 Standard Test Method for Shear Testing of Aluminum and Aluminum-Alloy Rivets and Cold-Heading Wire and Rods

B666/B666M-20 Standard Practice for Identification Marking of Aluminum and Magnesium Products

B955/B955M-18 Standard Specification for Aluminum-Alloy Centrifugal Castings

B108/B108M-19 Standard Specification for Aluminum-Alloy Permanent Mold Castings

B210/B210M-19a Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes

B479-19 Standard Specification for Annealed Aluminum and Aluminum-Alloy Foil for Flexible Barrier, Food Contact, and Other Applications

B789/B789M-16(2021) Standard Practice for Installing Corrugated Aluminum Structural Plate Pipe for Culverts and Sewers

B918/B918M-20a Standard Practice for Heat Treatment of Wrought Aluminum Alloys

B316/B316M-20 Standard Specification for Aluminum and Aluminum-Alloy Rivet and Cold-Heading Wire and Rods

R0013 Statistical Aspects of Mechanical Property Assurance (This is not an ASTM standard; available as PDF, only)

B953-21 Standard Practice for Sampling Magnesium and Magnesium Alloys for Spectrochemical Analysis

B93/B93M-21 Standard Specification for Magnesium Alloys in Ingot Form for Sand Castings, Permanent Mold Castings, and Die Castings

B90/B90M-21 Standard Specification for Magnesium-Alloy Sheet and Plate

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

B91-17 Standard Specification for Magnesium-Alloy Forgings

B199-17 Standard Specification for Magnesium-Alloy Permanent Mold Castings

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

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

B881-17 Standard Terminology Relating to Aluminum- and Magnesium-Alloy Products

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

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

B94-18 Standard Specification for Magnesium-Alloy Die Castings

B843-18e1 Standard Specification for Magnesium Alloy Anodes for Cathodic Protection

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

B179-18 Standard Specification for Aluminum Alloys in Ingot and Molten Forms for Castings from All Casting Processes

R0070 ANSI H35.2(M)-2017 American National Standard Dimensional Tolerances for Aluminum Mill Products [Metric] (This is not an ASTM standard; available as PDF, only)

B969/B969M-18e1 Standard Specification for Aluminum-Alloy Castings Produced by Squeeze Casting, and the Semi-Solid Thixocast and Rheocast Casting Processes

B864/B864M-19 Standard Specification for Corrugated Aluminum Box Culverts

B646-19 Standard Practice for Fracture Toughness Testing of Aluminum Alloys

B247-20 Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings

B247M-20 Standard Specification for Aluminum and Aluminum-Alloy Die Forgings, Hand Forgings, and Rolled Ring Forgings (Metric)

B296-20 Standard Practice for Temper Designations of Magnesium Alloys, Cast and Wrought

B373-19 Standard Specification for Aluminum Foil for Capacitors

B788/B788M-09(2020) Standard Practice for Installing Factory-Made Corrugated Aluminum Culverts and Storm Sewer Pipe

B947-14(2020)e1 Standard Practice for Hot Rolling Mill Solution Heat Treatment for Aluminum Alloy Plate

B429/B429M-20 Standard Specification for Aluminum-Alloy Extruded Structural Pipe and Tube

B661-12(2020) Standard Practice for Heat Treatment of Magnesium Alloys

B917/B917M-12(2020) Standard Practice for Heat Treatment of Aluminum-Alloy Castings From All Processes

B807/B807M-20 Standard Practice for Extrusion Press Solution Heat Treatment for Aluminum Alloys

B686/B686M-18 Standard Specification for Aluminum Alloy Castings, High-Strength

B744/B744M-15(2020) Standard Specification for Aluminum Alloy Sheet for Corrugated Aluminum Pipe

B85/B85M-18e1 Standard Specification for Aluminum-Alloy Die Castings

B618/B618M-18e1 Standard Specification for Aluminum-Alloy Investment Castings

B308/B308M-20 Standard Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles

B26/B26M-18e1 Standard Specification for Aluminum-Alloy Sand Castings

B221-21 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes

B221M-21 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes (Metric)

B483/B483M-21 Standard Specification for Aluminum and Aluminum-Alloy Drawn Tube and Drawn Pipe for General Purpose Applications

B107/B107M-13(2021) Standard Specification for Magnesium-Alloy Extruded Bars, Rods, Profiles, Tubes, and Wire

B745/B745M-15(2021) Standard Specification for Corrugated Aluminum Pipe for Sewers and Drains

B790/B790M-16(2021) Standard Practice for Structural Design of Corrugated Aluminum Pipe, Pipe-Arches, and Arches for Culverts, Storm Sewers, and Other Buried Conduits

B769-11(2021) Standard Test Method for Shear Testing of Aluminum Alloys

B909-21a Standard Guide for Plane Strain Fracture Toughness Testing of Non-Stress Relieved Aluminum Products

B945-21 Standard Practice for Aluminum Alloy Extrusions Press Cooled from an Elevated Temperature Shaping Process for Production of T1, T2, T5 and T10-Type Tempers

B1021-21 Standard Test Method for Peel Resistance of Metal Sheets Joined by High Strength Bonds

B645-21 Standard Practice for Linear-Elastic Plane-Strain Fracture Toughness Testing of Aluminum Alloys

B209/B209M-21a Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate

B241/B241M-22 Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube

B831-22 Standard Test Method for Shear Testing of Thin Aluminum Alloy Products

B557-15(2023) Standard Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products

B557M-15(2023) Standard Test Methods for Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products (Metric)

B80-23 Standard Specification for Magnesium-Alloy Sand Castings

B954-23 Standard Test Method for Analysis of Magnesium and Magnesium Alloys by Atomic Emission Spectrometry

B647-23 Standard Test Method for Indentation Hardness of Aluminum Alloys by Means of a Webster Hardness Gage

B648-23 Standard Test Method for Indentation Hardness of Aluminum Alloys by Means of a Barcol Impressor

B211/B211M-23 Standard Specification for Aluminum and Aluminum-Alloy Rolled or Cold Finished Bar, Rod, and Wire

B928/B928M-15(2023)e1 Standard Specification for High Magnesium Aluminum-Alloy Products for Marine Service and Similar Environments

B317/B317M-23 Standard Specification for Aluminum-Alloy Extruded Bar, Rod, Tube, Pipe, Structural Profiles, and Profiles for Electrical Purposes (Bus Conductor)

B491/B491M-23 Standard Specification for Aluminum and Aluminum-Alloy Extruded Round Tubes for General-Purpose Applications

B660-23 Standard Practices for Packaging/Packing of Aluminum and Magnesium Products

B236/B236M-23 Standard Specification for Aluminum Bars for Electrical Purposes (Bus Bars)

B998-17(2024) Standard Guide for Hot Isostatic Pressing (HIP) of Aluminum Alloy Castings

B746/B746M-24a Standard Specification for Corrugated Aluminum Alloy Structural Plate for Field-Bolted Pipe, Pipe-Arches, and Arches

B632/B632M-24 Standard Specification for Aluminum-Alloy Rolled Tread Plate

E252-24 Standard Test Method for Thickness of Foil and Thin Sheet by Mass Measurement

B985-24 Standard Practice for Sampling Aluminum Ingots, Billets, Castings and Finished or Semi-Finished Wrought Aluminum Products for Compositional Analysis

B361-16(2024) Standard Specification for Factory-Made Wrought Aluminum and Aluminum-Alloy Welding Fittings