

ASTM Volume 02.01, May 2018

Copper and Copper Alloys

B5-16 Standard Specification for High Conductivity Tough-Pitch Copper Refinery Shapes

B16/B16M-10(2015) Standard Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines

B19-15 Standard Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks

B21/B21M-14 Standard Specification for Naval Brass Rod, Bar, and Shapes

B22/B22M-17 Standard Specification for Bronze Castings for Bridges and Turntables

B30-16 Standard Specification for Copper Alloys in Ingot Form

B36/B36M-13 Standard Specification for Brass Plate, Sheet, Strip, And Rolled Bar

B42-15a Standard Specification for Seamless Copper Pipe, Standard Sizes

B43-15 Standard Specification for Seamless Red Brass Pipe, Standard Sizes

B49-17 Standard Specification for Copper Rod for Electrical Purposes

B61-15 Standard Specification for Steam or Valve Bronze Castings

B62-17 Standard Specification for Composition Bronze or Ounce Metal Castings

B66-15 Standard Specification for Bronze Castings for Steam Locomotive Wearing Parts

B67-14 Standard Specification for Car and Tender Journal Bearings, Lined

B68/B68M-11 Standard Specification for Seamless Copper Tube, Bright Annealed

B75/B75M-11 Standard Specification for Seamless Copper Tube

B88-16 Standard Specification for Seamless Copper Water Tube

B88M-16 Standard Specification for Seamless Copper Water Tube (Metric)

B96/B96M-16 Standard Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels

B98/B98M-13 Standard Specification for Copper-Silicon Alloy Rod, Bar and Shapes

B99/B99M-15 Standard Specification for Copper-Silicon Alloy Wire for General Applications

B100-13 Standard Specification for Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use

B101-12 Standard Specification for Lead-Coated Copper Sheet and Strip for Building Construction

B103/B103M-15 Standard Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar

B105-05(2012) Standard Specification for Hard-Drawn Copper Alloy Wires for Electric Conductors

B111/B111M-16 Standard Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock

B115-10(2016) Standard Specification for Electrolytic Copper Cathode

B121/B121M-16 Standard Specification for Leaded Brass Plate, Sheet, Strip, and Rolled Bar

B122/B122M-16 Standard Specification for Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar

B124/B124M-17 Standard Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes

B129-17 Standard Specification for Cartridge Brass Cartridge Case Cups

B130-13 Standard Specification for Commercial Bronze Strip for Bullet Jackets

B131-17 Standard Specification for Copper Alloy Bullet Jacket Cups

B134/B134M-15 Standard Specification for Brass Wire

B135/B135M-17 Standard Specification for Seamless Brass Tube

B138/B138M-11(2017) Standard Specification for Manganese Bronze Rod, Bar, and Shapes

B139/B139M-12(2017) Standard Specification for Phosphor Bronze Rod, Bar, and Shapes

B140/B140M-12(2017) Standard Specification for Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes

B148-14 Standard Specification for Aluminum-Bronze Sand Castings

B150/B150M-12(2017) Standard Specification for Aluminum Bronze Rod, Bar, and Shapes

B151/B151M-13 Standard Specification for Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar

B152/B152M-13 Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar

B153-11(2017) Standard Test Method for Expansion (Pin Test) of Copper and Copper-Alloy Pipe and Tubing

B154-16 Standard Test Method for Mercurous Nitrate Test for Copper Alloys

B159/B159M-17 Standard Specification for Phosphor Bronze Wire

B169/B169M-15 Standard Specification for Aluminum Bronze Sheet, Strip, and Rolled Bar

B170-99(2015) Standard Specification for Oxygen-Free Electrolytic Copper—Refinery Shapes

B171/B171M-12 Standard Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers

B176-17 Standard Specification for Copper-Alloy Die Castings

B187/B187M-16 Standard Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes

B188-15e1 Standard Specification for Seamless Copper Bus Pipe and Tube

B194-15 Standard Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar

B196/B196M-07(2013)e1 Standard Specification for Copper-Beryllium Alloy Rod and Bar

B197/B197M-07(2013) Standard Specification for Copper-Beryllium Alloy Wire

B206/B206M-12(2017) Standard Specification for Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire

B208-14 Standard Practice for Preparing Tension Test Specimens for Copper Alloy Sand, Permanent Mold, Centrifugal, and Continuous Castings

B216-16 Standard Specification for Tough-Pitch Fire-Refined Copper—Refinery Shapes

B224-16 Standard Classification of Coppers

B248-17 Standard Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar

B248M-17 Standard Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar (Metric)

B249/B249M-17 Standard Specification for General Requirements for Wrought Copper and Copper-Alloy Rod, Bar, Shapes and Forgings

B250/B250M-16 Standard Specification for General Requirements for Wrought Copper Alloy Wire

B251/B251M-17 Standard Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube

B271/B271M-15 Standard Specification for Copper-Base Alloy Centrifugal Castings

B272-12 Standard Specification for Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip)

B280-16 Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service

B283/B283M-17a Standard Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed)

B301/B301M-13 Standard Specification for Free-Cutting Copper Rod, Bar, Wire, and Shapes

B302-17 Standard Specification for Threadless Copper Pipe, Standard Sizes

B306-13 Standard Specification for Copper Drainage Tube (DWV)

B315-12 Standard Specification for Seamless Copper Alloy Pipe and Tube

B359/B359M-15 Standard Specification for Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins

B360-15 Standard Specification for Hard-Drawn Copper Capillary Tube for Restrictor Applications

B369-09(2016) Standard Specification for Copper-Nickel Alloy Castings

B370-12 Standard Specification for Copper Sheet and Strip for Building Construction

B371/B371M-15 Standard Specification for Copper-Zinc-Silicon Alloy Rod

B372-17 Standard Specification for Seamless Copper and Copper-Alloy Rectangular Waveguide Tube

B379-11 Standard Specification for Phosphorized Coppers—Refinery Shapes

B395/B395M-16 Standard Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes

B411/B411M-14 Standard Specification for Copper-Nickel-Silicon Alloy Rod and Bar

B422/B422M-17 Standard Specification for Copper-Aluminum-Silicon-Cobalt Alloy, Copper-Nickel-Silicon-Magnesium Alloy, Copper-Nickel-Silicon Alloy, Copper-Nickel-Aluminum-Magnesium Alloy, and Copper-Nickel-Tin Alloy Sheet and Strip

B427-09(2015) Standard Specification for Gear Bronze Alloy Castings

B428-09(2013) Standard Test Method for Angle of Twist in Rectangular and Square Copper and Copper Alloy Tube

B432-14 Standard Specification for Copper and Copper Alloy Clad Steel Plate

B441-16 Standard Specification for Copper-Cobalt-Beryllium, Copper-Nickel-Beryllium, and Copper-Nickel-Lead-Beryllium Rod and Bar (UNS Nos. C17500, C17510, and C17465)

B447-12a Standard Specification for Welded Copper Tube

B453/B453M-11(2017) Standard Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes

B455-10(2017) Standard Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes

B465-16 Standard Specification for Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar

B466/B466M-14 Standard Specification for Seamless Copper-Nickel Pipe and Tube

B467-14 Standard Specification for Welded Copper-Nickel Pipe

B505/B505M-14 Standard Specification for Copper Alloy Continuous Castings

B506-16 Standard Specification for Copper-Clad Stainless Steel Sheet and Strip for Building Construction

B508-16 Standard Specification for Copper Alloy Strip for Flexible Metal Hose

B534-14e1 Standard Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar

B543/B543M-12 Standard Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube

B552-12 Standard Specification for Seamless and Welded Copper–Nickel Tubes for Water Desalting Plants

B569-14 Standard Specification for Brass Strip in Narrow Widths and Light Gage for Heat-Exchanger Tubing

B570-16 Standard Specification for Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions

B577-16 Standard Test Methods for Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper

B584-14 Standard Specification for Copper Alloy Sand Castings for General Applications

B587-12 Standard Specification for Welded Brass Tube

B591-15 Standard Specification for Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar

B592-15 Standard Specification for Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar

B593-96(2014)e1 Standard Test Method for Bending Fatigue Testing for Copper-Alloy Spring Materials

B598-14a Standard Practice for Determining Offset Yield Strength in Tension for Copper Alloys

B601-16 Standard Classification for Temper Designations for Copper and Copper Alloys—Wrought and Cast

B608-11 Standard Specification for Welded Copper-Alloy Pipe

B640-12a Standard Specification for Welded Copper Tube for Air Conditioning and Refrigeration Service

B643-12(2016) Standard Specification for Copper-Beryllium Alloy Seamless Tube

B644-11(2017) Standard Specification for Copper Alloy Addition Agents

B687-99(2016) Standard Specification for Brass, Copper, and Chromium-Plated Pipe Nipples

B694-13 Standard Specification for Copper, Copper-Alloy, Copper-Clad Bronze (CCB), Copper-Clad Stainless Steel (CCS), and Copper-Clad Alloy Steel (CAS) Sheet and Strip for Electrical Cable Shielding

B698/B698M-10(2016)e1 Standard Classification for Seamless Copper and Copper Alloy Plumbing Pipe and Tube

B706-00(2011) Standard Specification for Seamless Copper Alloy (UNS No. C69100) Pipe and Tube

B740-09(2015) Standard Specification for Copper-Nickel-Tin Spinodal Alloy Strip

B743-12 Standard Specification for Seamless Copper Tube in Coils

B747-15 Standard Specification for Copper-Zirconium Alloy Sheet and Strip

B754-17 Standard Test Method for Measuring and Recording the Deviations from Flatness in Copper and Copper Alloy Strip

B763/B763M-15 Standard Specification for Copper Alloy Sand Castings for Valve Applications

B768-11(2016) Standard Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet

B770-15 Standard Specification for Copper-Beryllium Alloy Sand Castings for General Applications

B806-14 Standard Specification for Copper Alloy Permanent Mold Castings for General Applications

B813-16 Standard Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube

B819-00(2011) Standard Specification for Seamless Copper Tube for Medical Gas Systems

B820-14a Standard Test Method for Bend Test for Determining the Formability of Copper and Copper Alloy Strip

B824-17 Standard Specification for General Requirements for Copper Alloy Castings

B828-16 Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings

B837-10 Standard Specification for Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems

B846-11a Standard Terminology for Copper and Copper Alloys

B858-06(2012) Standard Test Method for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Alloys

B870-08(2014) Standard Specification for Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510)

B882-10 Specification for Pre-Patinated Copper for Architectural Applications

B888/B888M-17 Standard Specification for Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts

B900-16 Standard Practice for Packaging of Copper and Copper Alloy Mill Products for U.S. Government Agencies

B903-15 Standard Specification for Seamless Copper Heat Exchanger Tubes With Internal Enhancement

B919-12 Standard Specification for Welded Copper Heat Exchanger Tubes With Internal Enhancement

B927/B927M-17 Standard Specification for Brass Rod, Bar, and Shapes

B929-17 Standard Specification for Copper-Nickel-Tin Spinodal Alloy Rod and Bar

B936-13 Standard Specification for Copper-Chromium-Iron-Titanium Alloy Plate, Sheet, Strip and Rolled Bar

B937-15 Standard Specification for Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510)

B944-11(2016) Standard Specification for Copper-Beryllium Welded Heat Exchanger and Condenser Tube (UNS No. C17510)

B950-17 Standard Guide for Editorial Procedures and Form of Product Specifications for Copper and Copper Alloys

B956/B956M-10e1 Standard Specification for Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins

B967/B967M-16 Standard Specification for Copper-Zinc-Tin-Bismuth Alloy Rod, Bar and Wire

B968/B968M-16 Standard Test Method for Flattening of Copper and Copper-Alloy Pipe and Tube

B974/B974M-16 Standard Specification for Free-Cutting Bismuth Brass Rod, Bar and Wire

B981/B981M-12 Standard Specification for Low Leaded Brass Rod, Bar and Shapes

B1001-17 Standard Specification for Copper Electrode Wire Used for Welding Seams of Steel Cans

B1003-16 Standard Specification for Seamless Copper Tube for Linesets

F68-16 Standard Specification for Oxygen-Free Copper in Wrought Forms for Electron Devices