

ASTM Volume 02.01, May 2008 Copper and Copper Alloys

Table of Contents

	Standard Number	Title
1	B0005-00R05	Specification for High Conductivity Tough-Pitch Copper Refinery Shapes
2	B0016_B0016M-05	Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines
3	B0019-05	Specification for Cartridge Brass Sheet, Strip, Plate, Bar, and Disks
4	B0021_B0021M-06	Specification for Naval Brass Rod, Bar, and Shapes
5	B0022-02	Specification for Bronze Castings for Bridges and Turntables
6	B0030-06A	Specification for Copper Alloys in Ingot Form
7	B0036_B0036M-06	Specification for Brass Plate, Sheet, Strip, And Rolled Bar
8	B0042-02E01	Specification for Seamless Copper Pipe, Standard Sizes
9	B0043-98R04	Specification for Seamless Red Brass Pipe, Standard Sizes
10	B0049-98R04	Specification for Copper Rod Drawing Stock for Electrical Purposes
11	B0061-02	Specification for Steam or Valve Bronze Castings
12	B0062-02	Specification for Composition Bronze or Ounce Metal Castings
13	B0066_B0066M-06	Specification for Bronze Castings for Steam Locomotive Wearing Parts
14	B0067-05	Specification for Car and Tender Journal Bearings, Lined
15	B0068-02	Specification for Seamless Copper Tube, Bright Annealed
16	B0068M-99R05	Specification for Seamless Copper Tube, Bright Annealed [Metric]
17	B0075-02	Specification for Seamless Copper Tube
18	B0075M-99R05	Specification for Seamless Copper Tube [Metric]
19	B0088-03	Specification for Seamless Copper Water Tube
20	B0088M-05	Specification for Seamless Copper Water Tube [Metric]
21	B0096_B0096M-06	Specification for Copper-Silicon Alloy Plate, Sheet, Strip, and Rolled Bar for General Purposes and Pressure Vessels
22	B0098_B0098M-03	Specification for Copper-Silicon Alloy Rod, Bar and Shapes
23	B0099_B0099M-06	Specification for Copper-Silicon Alloy Wire for General Applications
24	B0100-03A	Specification for Wrought Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Use
25	B0101-07	Specification for Lead-Coated Copper Sheet and Strip for Building Construction
26	B0103_B0103M-07	Specification for Phosphor Bronze Plate, Sheet, Strip, and Rolled Bar
27	B0111_B0111M-04	Specification for Copper and Copper-Alloy Seamless Condenser Tubes and Ferrule Stock
28	B0115-00R04	Specification for Electrolytic Copper Cathode
29	B0121_B0121M-01R06	Specification for Leaded Brass Plate, Sheet, Strip, and Rolled Bar
30	B0122_B0122M-06	Specification for Copper-Nickel-Tin Alloy, Copper-Nickel-Zinc Alloy (Nickel Silver), and Copper-Nickel Alloy Plate, Sheet, Strip, and Rolled Bar
31	B0124_B0124M-06	Specification for Copper and Copper Alloy Forging Rod, Bar, and Shapes
32	B0129-07	Specification for Cartridge Brass Cartridge Case Cups
33	B0130-02	Specification for Commercial Bronze Strip for Bullet Jackets
34	B0131-07	Specification for Copper Alloy Bullet Jacket Cups
35	B0134_B0134M-05	Specification for Brass Wire
36	B0135-02	Specification for Seamless Brass Tube
37	B0135M-00R06	Specification for Seamless Brass Tube [Metric]
38	B0138_B0138M-06	Specification for Manganese Bronze Rod, Bar, and Shapes
39	B0139_B0139M-07	Specification for Phosphor Bronze Rod, Bar, and Shapes
40	B0140_B0140M-07	Specification for Copper-Zinc-Lead (Red Brass or Hardware Bronze) Rod, Bar, and Shapes
41	B0148-97R03E01	Specification for Aluminum-Bronze Sand Castings
42	B0150_B0150M-03	Specification for Aluminum Bronze Rod, Bar, and Shapes
43	B0151_B0151M-05	Specification for Copper-Nickel-Zinc Alloy (Nickel Silver) and Copper-Nickel Rod and Bar
44	B0152_B0152M-06AE01	Specification for Copper Sheet, Strip, Plate, and Rolled Bar
45	B0153-05	Test Method for Expansion (Pin Test) of Copper and Copper-Alloy Pipe and Tubing
46	B0154-05	Test Method for Mercurous Nitrate Test for Copper Alloys
47	B0159_B0159M-05	Specification for Phosphor Bronze Wire
48	B0169_B0169M-05	Specification for Aluminum Bronze Sheet, Strip, and Rolled Bar
49	B0170-99R04	Specification for Oxygen-Free Electrolytic Copper\Refinery Shapes
50	B0171_B0171M-04E01	Specification for Copper-Alloy Plate and Sheet for Pressure Vessels, Condensers, and Heat Exchangers

ASTM Volume 02.01, May 2008 Copper and Copper Alloys

Table of Contents

	Standard Number	Title
51	B0176-04	Specification for Copper-Alloy Die Castings
52	B0187_B0187M-06	Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar, and Shapes
53	B0188-02	Specification for Seamless Copper Bus Pipe and Tube
54	B0194-01E01	Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar
55	B0196_B0196M-07	Specification for Copper-Beryllium Alloy Rod and Bar
56	B0197_B0197M-07	Specification for Copper-Beryllium Alloy Wire
57	B0206_B0206M-07	Specification for Copper-Nickel-Zinc (Nickel Silver) Wire and Copper-Nickel Alloy Wire
58	B0208-06	Practice for Preparing Tension Test Specimens for Copper Alloy Sand, Permanent Mold, Centrifugal, and Continuous Castings
59	B0216-97R03	Specification for Tough-Pitch Fire-Refined Copper-Refinery Shapes
60	B0224-04	Classification of Coppers
61	B0248-07	Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar
62	B0248M-07	Specification for General Requirements for Wrought Copper and Copper-Alloy Plate, Sheet, Strip, and Rolled Bar [Metric]
63	B0249_B0249M-06	Specification for General Requirements for Wrought Copper and Copper-Alloy Rod, Bar, Shapes and Forgings
64	B0250_B0250M-07	Specification for General Requirements for Wrought Copper Alloy Wire
65	B0251-02E01	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube
66	B0251M-97R03	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube [Metric]
67	B0271-06	Specification for Copper-Base Alloy Centrifugal Castings
68	B0272-07	Specification for Copper Flat Products with Finished (Rolled or Drawn) Edges (Flat Wire and Strip)
69	B0280-03	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service
70	B0283-06	Specification for Copper and Copper-Alloy Die Forgings (Hot-Pressed)
71	B0301_B0301M-04	Specification for Free-Cutting Copper Rod, Bar, Wire, and Shapes
72	B0302-07	Specification for Threadless Copper Pipe, Standard Sizes
73	B0306-02	Specification for Copper Drainage Tube (DWV)
74	B0315-06	Specification for Seamless Copper Alloy Pipe and Tube
75	B0359_B0359M-02R06	Specification for Copper and Copper-Alloy Seamless Condenser and Heat Exchanger Tubes With Integral Fins
76	B0360-01	Specification for Hard-Drawn Copper Capillary Tube for Restrictor Applications
77	B0369-06	Specification for Copper-Nickel Alloy Castings
78	B0370-03	Specification for Copper Sheet and Strip for Building Construction
79	B0371_B0371M-06	Specification for Copper-Zinc-Silicon Alloy Rod
80	B0372-97R03	Specification for Seamless Copper and Copper-Alloy Rectangular Waveguide Tube
81	B0379-04	Specification for Phosphorized Coppers-Refinery Shapes
82	B0395_B0395M-02	Specification for U-Bend Seamless Copper and Copper Alloy Heat Exchanger and Condenser Tubes
83	B0411_B0411M-06	Specification for Copper-Nickel-Silicon Alloy Rod and Bar
84	B0422-06	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
85	B0427-02	Specification for Gear Bronze Alloy Castings
86	B0428-93R04	Test Method for Angle of Twist in Rectangular and Square Copper and Copper Alloy Tube
87	B0432-04	Specification for Copper and Copper Alloy Clad Steel Plate
88	B0441-04	Specification for Copper-Cobalt-Beryllium, Copper-Nickel-Beryllium, and Copper-Nickel-Lead-Beryllium Rod and Bar (UNS Nos. C17500, C17510, and C17465)
89	B0447-07	Specification for Welded Copper Tube
90	B0453_B0453M-05	Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Rod, Bar, and Shapes
91	B0455-05	Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes
92	B0465-04	Specification for Copper-Iron Alloy Plate, Sheet, Strip, and Rolled Bar
93	B0466_B0466M-07	Specification for Seamless Copper-Nickel Pipe and Tube
94	B0467-88R03	Specification for Welded Copper-Nickel Pipe
95	B0505_B0505M-07	Specification for Copper Alloy Continuous Castings
96	B0508-07	Specification for Copper Alloy Strip for Flexible Metal Hose

ASTM Volume 02.01, May 2008 Copper and Copper Alloys

Table of Contents

	Standard Number	Title
97	B0534-07	Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar
98	B0543-07	Specification for Welded Copper and Copper-Alloy Heat Exchanger Tube
99	B0552-98R04	Specification for Seamless and Welded Copper-Nickel Tubes for Water Desalting Plants
100	B0569-04	Specification for Brass Strip in Narrow Widths and Light Gage for Heat-Exchanger Tubing
101	B0570-06	Specification for Copper-Beryllium Alloy (UNS Nos. C17000 and C17200) Forgings and Extrusions
102	B0577-93R04E01	Test Methods for Detection of Cuprous Oxide (Hydrogen Embrittlement Susceptibility) in Copper
103	B0584-06A	Specification for Copper Alloy Sand Castings for General Applications
104	B0587-06	Specification for Welded Brass Tube
105	B0591-04	Specification for Copper-Zinc-Tin and Copper-Zinc-Tin-Iron-Nickel Alloys Plate, Sheet, Strip, and Rolled Bar
106	B0592-01R06	Specification for Copper-Zinc-Aluminum-Cobalt Alloy, Copper-Zinc-Tin-Iron Alloy Plate, Sheet, Strip, and Rolled Bar
107	B0593-96R03E01	Test Method for Bending Fatigue Testing for Copper-Alloy Spring Materials
108	B0598-98R04	Practice for Determining Offset Yield Strength in Tension for Copper Alloys
109	B0601-07	Classification for Temper Designations for Copper and Copper Alloys Wrought and Cast
110	B0608-07	Specification for Welded Copper-Alloy Pipe
111	B0640-07	Specification for Welded Copper Tube for Air Conditioning and Refrigeration Service
112	B0643-00R05	Specification for Copper-Beryllium Alloy Seamless Tube
113	B0644-05	Specification for Copper Alloy Addition Agents
114	B0687-99R05E01	Specification for Brass, Copper, and Chromium-Plated Pipe Nipples
115	B0694-03	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
116	B0698-02	Classification for Seamless Copper and Copper Alloy Plumbing Pipe and Tube
117	B0706-00R06	Specification for Seamless Copper Alloy (UNS No. C69100) Pipe and Tube
118	B0740-02	Specification for Copper-Nickel-Tin Spinodal Alloy Strip
119	B0743-06	Specification for Seamless Copper Tube in Coils
120	B0747-07	Specification for Copper-Zirconium Alloy Sheet and Strip
121	B0754-89R05	Test Method for Measuring and Recording the Deviations from Flatness in Copper and Copper Alloy Strip
122	B0763-04	Specification for Copper Alloy Sand Castings for Valve Applications
123	B0768-99R04	Specification for Copper-Cobalt-Beryllium Alloy and Copper-Nickel-Beryllium Alloy Strip and Sheet
124	B0770-05	Specification for Copper-Beryllium Alloy Sand Castings for General Applications
125	B0806-06	Specification for Copper Alloy Permanent Mold Castings for General Applications
126	B0813-00E01	Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube
127	B0819-00R06	Specification for Seamless Copper Tube for Medical Gas Systems
128	B0820-04E01	Test Method for Bend Test for Determining the Formability of Copper and Copper Alloy Strip
129	B0824-04	Specification for General Requirements for Copper Alloy Castings
130	B0828-02	Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings
131	B0837-01	Specification for Seamless Copper Tube for Natural Gas and Liquefied Petroleum (LP) Gas Fuel Distribution Systems
132	B0846-06A	Terminology for Copper and Copper Alloys
133	B0858-06	Test Method for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Alloys
134	B0870-02	Specification for Copper-Beryllium Alloy Forgings and Extrusions Alloys (UNS Nos. C17500 and C17510)
135	B0882-05	Specification for Pre-Patinated Copper for Architectural Applications
136	B0888-06	Specification for Copper Alloy Strip for Use in Manufacture of Electrical Connectors or Spring Contacts
137	B0900-04	Practice for Packaging of Copper and Copper Alloy Mill Products for U.S. Government Agencies
138	B0903-00R05	Specification for Seamless Copper Heat Exchanger Tubes With Internal Enhancement
139	B0919-01R06	Specification for Welded Copper Heat Exchanger Tubes With Internal Enhancement
140	B0927-03	Specification for Brass Rod, Bar, and Shapes
141	B0929-05	Specification for Copper-Nickel-Tin Spinodal Alloy Rod and Bar
142	B0936-04E01	Specification for Copper-Chromium-Iron-Titanium Alloy Plate, Sheet, Strip and Rolled Bar

ASTM Volume 02.01, May 2008
Copper and Copper Alloys

Table of Contents

	Standard Number	Title
143	B0937-04	Specification for Copper-Beryllium Seamless Tube (UNS Nos. C17500 and C17510)
144	B0938-04	Specification for Copper-Beryllium Alloy Forgings and Extrusions (UNS Nos. C17500 and C17510)
145	B0944-06	Specification for Copper-Beryllium Welded Heat Exchanger and Condenser Tube (UNS No. C17510)
146	B0950-06	Guide for Editorial Procedures and Form of Product Specifications for Copper and Copper Alloys
147	B0956-07	Specification for Welded Copper and Copper-Alloy Condenser and Heat Exchanger Tubes with Integral Fins
148	F0068-05	Specification for Oxygen-Free Copper in Wrought Forms for Electron Devices