

Specification Number	Alloy & Product Or Process Covered
FED. STD. 123	Marking for domestic shipment (civilian agencies)
FED. STD. 184	Item identification marking for aluminum products
FED. STD. 245	Tolerances for aluminum wrought products
QQ-A-200	General specification for extruded rod, bar, shapes, tube and wire
QQ-A-200/1	3003 extruded rod, bar, shapes, tube, and wire
QQ-A-200/2	2014 extruded rod, bar, shapes, tube, and wire
QQ-A-200/3	2024 extruded rod, bar, shapes, tube, and wire
QQ-A-200/4	5083 extruded rod, bar, shapes, tube, and wire
QQ-A-200/5	5086 extruded rod, bar, shapes, tube, and wire
QQ-A-200/6	5454 extruded rod, bar, shapes, tube, and wire
QQ-A-200/7	5456 extruded rod, bar, shapes, tube, and wire
QQ-A-200/8	6061 extruded rod, bar, shapes, tube, and wire
QQ-A-200/9	6063 extruded rod, bar, shapes, tube, and wire
QQ-A-200/10	6066 extruded rod, bar, shapes, tube, and wire
QQ-A-200/11	7075 extruded rod, bar, shapes, tube, and wire
QQ-A-200/13	7178 extruded rod, bar, shapes, tube, and wire
QQ-A-200/14	7178-T76, T76510, T76511, extruded rod, bar, shapes and wire
QQ-A-200/15	7075-T76, T76510, T76511, extruded rod, bar, shapes and wire
QQ-A-200/16	6061 - T6 extruded structural shapes
QQ-A-200/17	6162 extruded wire, rod, bar, shapes, and tube
QQ-A-225	General specification for rolled, drawn, or cold finished wire, rod, bar and special shapes
QQ-A-225/1	1100 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/2	3003 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/3	2011 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/4	2014 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/5	2017 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/6	2024 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/7	5052 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/8	6061 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/9	7075 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-225/10	6262 rolled, drawn, or cold finished wire, rod, and bar
QQ-A-250	General specification for sheet and plate
QQ-A-250/1	1100 sheet and plate
QQ-A-250/2	3003 sheet and plate
QQ-A-250/3	Alclad 2014 sheet and plate
QQ-A-250/4	2024 sheet and plate
QQ-A-250/5	Alclad 2024 sheet and plate
QQ-A-250/6	5083 sheet and plate
QQ-A-250/7	5086 sheet and plate
QQ-A-250/8	5052 sheet and plate
QQ-A-250/9	5456 sheet and plate
QQ-A-250/10	5454 sheet and plate
QQ-A-250/11	6061 sheet and plate
QQ-A-250/12	7075 sheet and plate
QQ-A-250/13	Alclad 7075 sheet and plate
QQ-A-250/14	7178 sheet and plate
QQ-A-250/15	Alclad 7178 sheet and plate
QQ-A-250/18	Alclad one side 7075 sheet and plate
QQ-A-250/21	7178-T76 and T7651 sheet and plate
QQ-A-250/22	Alclad 7178-T76 and T7651 sheet and plate
QQ-A-250/24	7075-T76 and T7651 sheet and plate
QQ-A-250/25	Alclad 7075-T76 and T7651 sheet and plate
QQ-A-250/26	7011 Alclad 7075 sheet and plate
QQ-A-250/28	7011 Alclad 7178 sheet and plate
QQ-A-250/29	2124-T851 plate
QQ-A-250/30	2219 plate and sheet
QQ-A-367	2014, 2018, 2025, 2218, 2219, 2618, 4032, 5083, 6061, 6066, 6151, 7049, 7075, and 7076 forgings
QQ-A-430	1100, 2017, 2024, 2117, 2219, 3003, 5005, 5052, 5056, 6053, 6061, 7050, and 7075 wire and rod for rivets and cold heading
QQ-A-1876	Aluminum foil
QQ-B-655	4045, 4343, 4145 and 4047 brazing filler metals
QQ-R-566	1100, 2319, 4043, 4047, 4145, 5183, 5356, 5554, 5556, 5654, welding rod and electrodes, and 242.0, 295.0, 355.0, 356.0, 712.0 welding rod
WW-C-00540	Rigid conduit
WW-P-402	Alclad 3004-H34 culvert pipe
WW-T-700	General specification for drawn tube, seamless
WW-T-700/1	1100 drawn tube, seamless
WW-T-700/2	3003 drawn tube, seamless
WW-T-700/3	2024 drawn tube, seamless
WW-T-700/4	5052 drawn tube, seamless
WW-T-700/5	5086 drawn tube, seamless
WW-T-700/6	6061 drawn tube, seamless
WW-T-700/7	7075 drawn tube, seamless

Military Specifications	
MIL-STD-129	Marking for shipment and storage
MIL-STD-649	Preparation for storage and shipment
MIL-C-915	Alclad 5056-H392 wire
MIL-C-5541	Chemical films for aluminum and aluminum alloys
MIL-H-6088	Heat treatment of aluminum alloys
MIL-W-6712	1100 and 4043 metal spraying wire
MIL-T-7081	6061 hydraulic tube
MIL-A-8625	Anodic coatings for aluminum alloys
MIL-A-12545	1100,2014,6061,6070,and 7075 impacts
MIL-E-16053	1100, 2319, 4043, 4047, 4145, 5039, 5183, 5356, 5554, 5556, and 5654 bare welding electrodes
MIL-F-17132	6061 tread plate
MIL-B-20148	4047 and 4343 brazing sheet
MIL-A-22771	2014, 2219, 2618, 6061, 6151, 7039, 7049,and 7075 forgings and rings
MIL-P-25995	3003, 6061 and 6063 pipe
MIL-A-45225	5083, and 5456 forged armor
MIL-A-46027	5083 and 5456 armor plate
MIL-A-46083	5083, 5456 and 2219 extruded armor
MIL-A-46104	6070 extruded rod, bar, shapes and tube
MIL-A-46118	2219 armor plate and forgings
MIL-A-50777	2024 seamless drawn tube
MIL-A-52174	Duct sheet
MIL-A-52242	7001 extruded rod, bar and shapes
MIL-C-60536	Anodic hard coatings for aluminum alloys
MIL-C-60539	Anodic coatings for aluminum alloys
MIL-A-81596	2024, 3003, 5052 and 5056 foil

American Society of Mechanical Engineers (ASME)	
SB209	1060, 1100, 3003, Alclad 3003, 3004, Alclad 3004, 5050, 5052, 5086, 5154, 5254, 5454, 5456, 5652, 6061 and Alclad 6061 sheet and plate
SB210	1060, 3003, Alclad 3003, 5052, 5154, 6061, and 6063 drawn seamless tube
SB211	2014, 2024, and 6061 rolled, drawn, or cold finished wire, rod and bar
SB221	1060, 1100, 2024, 3003, 5083, 5086, 5154, 5454, 5456, 6061, and 6063 extruded wire, rod, bar, shapes and tube
SB234	1060, 3003, Alclad 3003, 5052, 5454, and 6061 drawn,seamless tube for condensers and heat exchangers
SB241	1060, 1100, 3003, Alclad 3003, 5052, 5086, 5454, 5456, 6061 and 6063 pipe and tube
SB247	2014, 3003, 5083, and 6061 hand and die forgings
SB308	6061 rolled or extruded standard structural shapes

American Society For Testing And Materials (ASTM)	
B209	1060, 1100, 2014, Alclad 2014, 2024, Alclad 2024, Alclad one side 2024, 2124, 2219, Alclad 2219, 3003, Alclad 3003, 3004, Alclad 3004, 3005, 3105, 5005, 5050, 5052, 5083, 5086, 5154, 5252, 5254, 5454, 5456, 5457, 5652, 5657, 6061, Alclad 6061, 7075, Alclad 7075, Alclad one side 7075, 7178, Alclad 7178 sheet and plate.
B210	1060, 1100, 2011, 2014, 2024, 3003, Alclad 3003, 5005, 5050, 5052, 5083, 5086, 5154, 5456, 6061, 6063, 6262 and 7075 drawn, seamless tube
B211	1060, 1100, 2011, 2014, 2017, 2024, 2219, 3003, 5052, 5056, Alclad 5056, 5154, 5061, 6282, and 7075 rolled, drawn, or cold-finished wire, rod and bar
B221	1060, 1100, 2014, 2024, 2219, 3003, Alclad 3003, 3004, 5052, 5083, 5086, 5154, 5454, 5456, 6005, 6061, 6063, 6066, 6262, 6351, 6463, 7005, 7075, and 7178 extruded wire, rod bar, shapes and tube
B230	1350-H19 wire
B231	Aluminum conductors, concentric-lay-stranded
B232	Aluminum conductors, steel reinforced,concentric-lay-stranded (ACSR)
B233	1350 redraw wire
B234	1060, 3003, Alclad 3003, 5052, 5454, and 6061 drawn, seamless tube for condensers and heat exchangers
B236	1350 bus conductor
B241	1060, 1100, 2024, 2219, 3003, Alclad 3003, 5052, 5083, 5086, 5254, 5454, 05456, 5652, 6061, 6063, 7075, and 7178 seamless pipe and seamless extruded tube
B247	1100, 2014, 2018, 2218, 2219, 2618, 2025, 3003, 4032, 5083, 6151, 6061, 6066, 7049, 7050, 7075, and 7076 die and hand forgings
B308	6061 rolled or extruded standard-structural shapes
B313	1100, 03003, 3004, Alclad 3004, 5050, 05052, 5086, 5154, and 6061 round welded tube
B314	135-H14 or H24 wire
B316	1100, 2017, 2024, 2117, 02219, 3003, 5005, 5052, 5056, 6053, 6061, 7050, 7075, and 7178 rivet and cold-heading wire for electrical purposes
B317	6101 extruded rod, bar, structural shapes and pipe for electrical purposes
B324	EC rectangular and square wire
B345	1060, 3003, Alclad 3003,5083, 5086, 6061, 6063, 6070, and 6351 pipe for gas and oil transmission
B373	1145 and 1235 foil for capacitors
B396	5005-H19 wire for electrical purposes
B397	Concentric-lay-stranded 5005-H19 conductor
B398	6201-T81 wire for electrical purposes
B399	Concentric-lay-stranded 6201-T81 conductors
B400	Compact round,concentric-lay-stranded, 1350 conductors, hard-drawn
B401	Compact round,concentric-lay-stranded aluminum conductors, steel reinforced (ACSR)
B404	1060, 3003, Alclad 3003, 5052, 5454, and 6061 seamless condenser and heat exchanger tube with integral fins
B429	6061 and 6063 extruded structural pipe and tube
B483	1060, 1100, 1435, 3003, 5005, 5052, 6061, 6063, and 6262 drawn tube
B491	1050, 1100, 1200, 1235, 3003 and 6063 extruded round coiled tube
B531	5005 rolled rod
B544	Round solid 1350 grade conductor
B547	1100, 3003, Alclad 3003, 3004, Alclad 3004, 5050, 5052, 5083, 5086, 5154 and 6061 formed and arc welded round tube
B609	Aluminum 1350 round wire, annealed and intermediate tempers, for electrical purposes
B632	Aluminum-alloy rolled tread plate

Aerospace Material Specifications (AMS)	
2201	Tolerances for rolled drawn,cold-finished, and centerless ground wire, rod, bar and forging stock
2202	Tolerances for sheet and plate
2203	Tolerances for drawn tube
2204	Tolerances for rolled or extruded standard structural shapes
2205	Tolerances for extruded rod, bar, shapes, and tube
2468	Hard-coating of aluminum alloys
2469	Process and performance requirements for hard-coating
2470	Chromic-acid anodizing of aluminum alloys
2471	Clear sulfuric-acid anodizing of aluminum alloys
2472	Dyed sulfuric-acid anodizing of aluminum alloys
2473	Chemical conversion treatments for aluminum alloys
2474	Law electrical resistivity chemical conversion treatments for aluminum alloys
2808	Identification marking of forgings
2815	Line code identification marking of welding wire
2816	Color code identification marking of welding wire
4000	1060-0 sheet
4001	1100-0 sheet and plate
4003	1100-H14 sheet and plate
4004	5052-H191 foil
4005	3003-0 sheet and plate
4006	2024-0 foil
4008	3003-H14 sheet and plate
4009	6061-0 foil
4010	3003-H18 foil
4011	1145-0 foil
4012	Laminated shim stock, edge bonded
4013	Laminated shim stock, surface bonded
4014	2014-T651 plate
4015	5052-0 sheet and plate
4016	5052-H32 sheet and plate
4017	5052-H34 sheet and plate
4020	Alclad 6061-T651 plate
4021	Alclad 6061-0 sheet and plate
4022	Alclad 6061-T4 sheet and plate
4023	Alclad 6061-T6 sheet and plate
4025	6061-0 sheet and plate
4026	6061-T4 sheet and plate
4027	6061-T6 sheet and plate
4028	2014-0 sheet and plate
4029	2014-T6 sheet and plate
4030	2219-0 sheet and plate
4033	2024-T351 plate
4034	Alclad 2024-T351 plate
4035	2024-0 sheet and plate
4036	Alclad one side 2024-T3 sheet and T351 plate
4037	2024-T3 sheet and T351 plate
4038	7075-T651 plate
4039	Alclad 7075-T651 plate
4040	Alclad 2024-0 sheet and plate
4041	Alclad 2024-T3 sheet and T351 plate
4043	6061-T451 plate
4044	7075-0 sheet and plate
4045	7075-T6 sheet and T651 plate
4046	Alclad one side 7075-T6 sheet and T651 plate
4048	Alclad 7075-0 sheet and plate
4049	Alclad 7075-T6 sheet and plate
4050	7050-T7451 (formerly T73651) plate
4051	Alclad 7178-0 sheet and plate
4053	6061-T651 plate
4054	Brazing sheet No. 21-0
4055	Brazing sheet No. 22-0
4056	5083-0 sheet and plate
4057	5083-H323 sheet
4058	5083-H343 sheet
4059	5083-H321 sheet and plate
4062	1100-H14 drawn tube
4063	Brazing sheet No. 11-0
4064	Brazing sheet No. 12-0
4065	3003-0 drawn tube, seamless
4066	2219-T851 drawn tube, seamless
4067	3003-H14 drawn tube, seamless
4068	3219-T351 drawn tube, seamless
4069	5052-0 drawn tube, special tolerances, seamless
4070	5052-0 drawn tube, seamless
4071	5052-0drawn, hydraulic tube, seamless
4072	Alclad one side 2024-0 sheet and plate
4078	7075-T7357 plate
4079	6061-0 drawn tube , special tolerances
4080	6061-0 drawn tube
4081	6061-T4 drawn, hydraulic tube
4082	6061-T6 drawn tube
4083	6061-T6 drawn, hydraulic tube
4086	2024-T3 drawn, hydraulic tube
4087	2024-0 drawn tube
4088	2024-T3 drawn tube
4094	Alclad 2219-T81 sheet and T851 plate
4095	Alclad 2219-T31 sheet and T351 plate
4096	Alclad 2219-0 sheet and plate
4101	2124-T851 plate
4102	1100-F rolled or cold-finished wire, rod and bar
4107	7050-T74 (formerly T736) die forgings
4108	7050-T7452 (formerly T73652) hand forgings
4110	2017-T451 rolled or cold-finished rod and bar
4111	7049-T73 forgings and forging stocks
4112	2024-T6 rolled, drawn, or cold-finished wire, rod and bar
4113	6061-T6 structural shapes
4114	5052-F rolled or cold-finished wire, rod and bar
4115	6061-0 rolled, drawn, or cold finished wire, rod and bar
4116	6061-T4 rolled or cold finished wire, rod and bar
4117	6061-T6 rolled, drawn, or cold finished wire, rod and bar
4118	2017-T4 rolled, drawn, or cold finished wire, rod and bar
4119	2024-T351 rolled or cold finished rod and bar
4120	2024-T4 rolled, drawn, or cold finished wire, rod and bar
4121	2014-T6 rolled, drawn or cold finished wire, rod and bar
4122	7076-T6 rolled or cold finished wire, rod and bar
4123	7075-T651 rolled or cold finished rod and bar
4124	7075-T7351 rolled or cold finished bar
4125	6151-T6 forgings
4126	7075-T6 forgings and 7075-F forging stock
4127	6061-T6 die forgings and rolled rings and 6061-F forging stock
4128	6061-T451 rod and bar, rolled or cold finished
4129	6061-T651 rod and bar, rolled or cold finished
4130	2025-T6 forgings
4131	7075-T736 forgings
4132	2618-T61 forgings
4133	2014-T6 forgings and 2014 forging stock
4134	2014-T4 forgings
4135	2014-T6 forgings
4139	7075-T6 forgings
4140	2018-T61 forgings
4141	7075-T73 die forgings and forging stock
4142	2218-F forgings
4143	2219-T6 forgings
4144	2219-T852 forgings
4145	4032-T6 forgings
4146	6061-T4 die forgings and rolled rings and 6061-F forging stock
4147	7075-T7352 forgings
4150	6061-T6 extruded wire, rod, bar, shapes
4152	2024-T3 extruded wire, rod, bar, shapes and tube
4153	2014-T6 extruded wire, rod, bar, shapes and tube
4154	7075-T6 extruded wire, rod, bar, shapes and tube
4156	6063-T6 extruded wire, rod, bar, and shapes
4160	6061-0 extruded wire, rod, bar, shapes and tube
4161	6061-T4 extruded wire, rod, bar, shapes and tube
4162	2219-T8511 extruded rod, bar, shapes and tube
4163	2219-T3511 extruded, rod, bar, shapes and tube
4164	2024-T3510 extruded rod, bar, shapes and round tube
4165	2024-T3511 extruded wire, rod, bar, shapes, and round tube
4166	7075-T73 extruded wire, rod, bar , shapes, and tube
4167	7075-T73511 extruded wire, rod, bar and shapes
4168	7075-T6510 extruded wire, rod, bar, shapes, and round tube
4169	7075-T6511 extruded wire, rod, bar, shapes, and round tube
4172	6061-T4511 extruded rod, bar, shapes and tube
4173	6061-T6511 extruded rod, bar, shapes and tube
4180	1100-H18 wire for metal spraying
4182	5056-0 wire
4184	4145 brazing metal
4185	4047 brazing metal
4186	7075-F wire, rod and bar; rolled, drawn or cold finished
4187	7075-O wire, rod and bar; rolled, drawn or cold finished
4190	4043-F welding wire and rod
4191	2319-F welding wire and rod
4192	2024-T361 sheet and plate
4193	2024-T861 sheet and plate
4194	Alclad 2024-T361 sheet and plate
4195	Alclad 2024-T861 sheet and plate
4196	7011 Alclad 7075-O sheet and plate
4197	7011 Alclad 7075-T6 sheet and T651 plate
4201	7050-T7651 plate
4340	7050-T7651 extrusions
4341	7050-T7351 extrusions
4342	7050-T7451(formerly T73651) extrusions

American National Standards Institute (ANSI)	
B36.10	Standard dimensions for pipe
C80.5	Aluminum alloy rigid conduit
H35.1	Alloy and temper designation systems for wrought aluminum
H35.2	Dimensional tolerances for aluminum mill products

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