

TABLE 1.3 Aluminum Mill Product Specifications ① ② ③ ④

ALLOY	PRODUCT	SPECIFICATIONS					
		ASTM	Military	Federal	AMS	ASME	AWS
1060	Sheet and plate	B209	..	..	4000 ⑤	SB-209	..
	Wire, rod, bar, rolled or cold finished	B211	..	..	..	..	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	SB-221	..
	Tube; extruded, seamless	B241/B241M B345/B345M	..	..	..	SB-241/SB-241M	..
	Tube; drawn	B483/B483M	..	..	..	..	..
	Tube; drawn, seamless	B210	..	..	..	SB-210	..
	Tube; condenser	B234	..	..	..	SB-234	..
	Pipe; gas and oil transmission	B345/B345M	..	..	..	..	..
	Tube; condenser with integral fins	B404/B404M	..	..	..	..	..
1100	Sheet and plate	B209	..	..	4001, 4003 AMS-QQ-A-250/1	SB-209	..
	Wire, rod, bar; rolled or cold finished	B211	..	..	..	..	..
	Wire, rod, bar; profiles and tube; extruded	B221	..	..	AMS-QQ-A-225/1	..	..
	Tube; extruded, seamless	B241/B241M	..	..	..	SB-221	..
	Tube; extruded, coiled	B491/B491M	..	..	..	SB-241/SB-241M	..
	Tube; drawn	B483/B483M	..	..	..	..	..
	Tube; drawn, seamless	B210	..	WW-T-700/1	4062	..	..
	Tube; welded	B313/B313M B547/B547M	..	..	..	..	..
	Rivet wire and rod	B316/B316M	..	..	..	..	..
	Spray gun wire	..	..	QQ-A-430	AS7220 4180	..	C2.25/C2.25M
	Forgings and forging stock	B247	..	..	..	..	..
	Welding rod and electrodes; bare	..	..	..	..	..	A5.10/A5.10M
	Impacts	B221	..	..	..	..	..
	Foil	B479	..	QQ-A-1876	..	..	..
	..	..	..	..	..	..	..
1145	Foil	B373, B479	..	QQ-A-1876	4011	..	..
1235	Foil	B373, B479	..	QQ-A-1876	..	..	..
	Tube; extruded, coiled	B491/B491M	..	..	..	..	..
1350	ACSR	B232/B232M, B401	..	..	..	..	..
	Bus conductors	B236	..	..	..	..	..
	Roller red draw rod	B233	..	..	..	..	..
	Stranded conductors	B231/B231M, B400	..	..	..	..	..
	Wire; H19 temper	B230/B230M	..	..	..	..	..
	Wire; H14 temper	B609/B609M	..	..	..	..	..
	Wire; rectangular and square	B324	..	..	..	..	..
	Round solid conductor	B609/B609M	..	..	..	..	..
	..	..	..	..	..	..	..
2011	Tube; drawn, seamless	B210	..	..	..	..	..
	Wire, rod, bar; rolled or cold finished	B211	..	..	AMS-QQ-A-225/3	..	..
2014	Sheet and Plate	B209	..	..	4028, 4029	..	..
	Wire, rod, bar; rolled or cold finished	B211	..	..	4121	SB-211	..
	Wire, rod, bar; profiles and tube; extruded	B221	..	..	AMS-QQ-A-225/4 4153	..	..
	Tube; extruded, seamless	B241/B241M	..	..	AMS-QQ-A-200/2	..	..
	Tube; drawn, seamless	B210	..	..	..	..	..
	Forgings and forging stock	B247	..	..	4133, 4134 AMS-A-22771	..	..
	Rings; forged and rolled	..	..	..	4314	..	..
	Impacts	B221	..	..	..	..	..
Alclad 2014	Sheet and plate	B209	..	..	AMS-QQ-A-250/3	..	..
2017	Wire, rod, bar; rolled or cold finished	B211	..	..	4118	..	..
	Rivet wire and rod	B316/B316M	..	QQ-A-430	AMS-QQ-A-225/5	..	..
2018	Forgings and forging stock	B247	..	..	4140	..	..
2024	Sheet and plate	B209	..	..	4035, 4037 4193, 4297	..	..
	Wire, rod, bar; rolled or cold finished	B211	..	..	AMS-QQ-A-250/4 4120, 4339	SB-211	..
	Wire, rod, bar; profiles and tube; extruded	B221	..	..	AMS-QQ-A-225/6 4152, 4164, 4165	SB-221	..
	Tube; extruded, seamless	B241/B241M	..	..	AMS-QQ-A-200/3	..	..
	Tube; drawn, seamless	B210	..	WW-T-700/3	..	..	..
	Tube; hydraulic	..	..	..	4087, 4088 4086	..	..
	Rivet wire and rod	B316/B316M	..	QQ-A-430	..	..	..
	Foil	..	..	..	AMS-A-81596	..	..

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ALLOY	PRODUCT	SPECIFICATIONS					
		ASTM	Military	Federal	AMS	ASME	AWS
Alclad 2024	Plate and Sheet	B209	..	..	4040, 4041 4194, 4195, 4279 AMS-QQ-A-250/5	..	..
Alclad One Side 2024	Sheet and plate	B209	..	..	4036, 4077	..	..
2025	Forgings and forging stock	B247	..	..	4130	..	..
2117	Rivet Wire and Rod	B316/B316M	..	QQ-A-430	AS 7222	..	..
2124	Plate	B209	..	..	4101, 4221 AMS-QQ-A-250/29	..	..
2218	Forgings and forging stock	B247	..	..	4142	..	..
2219	Sheet and plate	B209	..	..	4031, 4295 AMS-QQ-A-250/30	..	..
	Wire, rod and bar; rolled or cold finished	B211	..	..	..	..	..
	Wire, rod, bar, profiles and tubes; extruded	B221	..	..	4162	..	..
	Tube; extruded, seamless	B241/B241M	..	..	4068	..	..
	Tube; drawn, seamless	B210	..	..	4066	..	..
	Forgings and forging stock	B247	..	..	4143, 4144, AMS-A-22771	..	..
	Armor, Extruded	..	MIL-DTL-46083	..	..	..	..
	Armor, Forgings	..	MIL-DTL-46118	..	..	..	..
	Armor plate	..	MIL-DTL-46118	..	..	..	..
	Rings, rolled or forged	..	..	..	4313	..	..
	Rivet wire and rod	B316/B316M	..	QQ-A-430	..	..	..
Alclad 2219	Sheet and plate	B209	..	..	4094, 4095, 4096	..	..
2319	Welding rod and electrodes; bare	..	..	..	4191	..	A5.10/A5.10M
2519	Armor plate	..	MIL-DTL-46192	..	..	..	..
2618	Forgings and forging stock	B247	..	..	4132, AMS-A-22771	..	..
3003	Sheet and plate	B209	..	..	4006, 4008 AMS-QQ-A-250/2	SB-209	..
	Tread Plate	B632/B632M	..	..	..	..	..
	Wire, rod and bar; rolled or cold finished	B211	..	..	AMS-QQ-A-225/2	..	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	AMS-QQ-A-200/1	SB-221	..
	Tube; extruded, seamless	B241/B241M	..	..	..	SB-241/SB-241M	..
	Tube; extruded, coiled	B491/B491M	..	..	..	..	..
	Tube; drawn	B483/B483M	..	..	..	..	..
	Tube, drawn seamless	B210	..	WW-T-700/2	4065, 4067	SB-210	..
	Tube; condenser	B234	..	..	..	SB-234	..
	Tube; condenser with integral fins	B404/B404M	..	..	..	..	..
	Tube; welded	B313/B313M	..	..	..	..	..
	Pipe	B547/B547M	..	..	..	..	..
	Pipe; gas and oil transmission	B241/B241M	MIL-DTL-25995	..	..	SB-241/SB-241M	..
	Rivet wire and rod	B345/B345M	..	..	..	..	..
	Forgings and forging stock	B316/B316M	..	QQ-A-430	..	..	..
	Foil	B247	..	..	..	SB-247	..
		..	..	..	4010 AMS-A-81596	..	..
Alclad 3003	Sheet and plate	B209	..	..	..	SB-209	..
	Brazing Sheet	..	..	..	4063, 4064	..	..
	Tube; drawn, seamless	B210	..	..	..	SB-210	..
	Tube; extruded	B221	..	..	..	..	..
	Tube; extruded, seamless	B241/B241M	..	..	..	SB-241/SB-241M	..
	Tube; condenser	B234	..	..	..	SB-234	..
	Tube; condenser with integral fin	B404/B404M	..	..	..	..	..
	Tube; welded	B547/B547M	..	..	..	..	..
	Pipe; gas and oil transmission	B345/B345M	..	..	..	..	..
3004	Sheet and plate	B209	..	..	..	SB-209	..
	Tube; extruded	B221	..	..	..	..	..
	Tube; welded	B313/B313M	..	..	..	..	..
		B547/B547M	..	..	..	..	..
Alclad 3004	Sheet and plate	B209	..	..	..	SB-209	..
	Tube; welded	B313/B313M	..	..	..	..	..
		B547/B547M	..	..	..	..	..
3005	Sheet	B209	..	..	..	..	..
3102	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	SB-221	..
3105	Sheet	B209	..	..	..	..	..
4032	Rods and Bars; Rolled or Cold Finished	..	..	..	4318, 4319	..	..
	Forgings and forging stock	B247	..	..	..	..	..

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ALLOY	PRODUCT	SPECIFICATIONS					
		ASTM	Military	Federal	AMS	ASME	AWS
4043	Welding rod and electrodes; bare Spray gun wire				4190		A5.10/A5.10M C2.25/C2.25M
4045	Brazing filler metal	..	..	..	AMS-B-20148	..	..
4047	Brazing filler metal	..	..	..	4185 AMS-B-20148		
	Welding rod and electrodes; bare	..	..	..	..	..	A5.10/A5.10M
4145	Brazing filler metal Welding rod and electrodes; bare	.. ..	.. ..	.. ..	4184, AMS-B-20148 ..	..	A5.10/A5.10M
4343	Brazing filler metal	..	..	..	AMS-B-20148	..	..
4643	Welding electrode	..	..	..	4189	..	A5.10/A5.10M
5005	Sheet and plate Wire; H19 temper Stranded conductor Rivet wire and rod Rod; rolled Tube, drawn, seamless Tube, drawn	B209 B316/B316M .. B210 B483/B483M	.. .. .. .. .. .. ..	.. .. .. QQ-A-430 .. .. ..	.. .. .. .. .. .. ..	.. .. .. .. .. .. ..	.. .. .. .. .. .. ..
5050	Sheet and plate Tube; drawn, seamless Tube, drawn Tube; welded	B209 B210 B483/B483M B313/B313M B547/B547M	.. .. .. .. ..	.. .. .. .. ..	.. .. .. .. ..	SB-209 .. .. .. ..	.. .. .. .. ..
5052	Sheet and plate Wire, rod and bar; rolled or cold finished Tube; drawn Tube; drawn, seamless Tube; hydraulic Tube; extruded Tube; extruded, seamless Tube; condenser Tube; condenser with integral fins Tube; welded Rivet wire and rod Foil	B209 B211 B483/B483M B210 .. B221 B241/B241M B234 B404/B404M B313/B313M B547/B547M B316/B316M ..	.. .. .. .. .. .. .. .. .. .. .. .. .. ..	.. .. .. WW-T-700/4 QQ-A-430 ..	4015, 4016, 4017 AMS-QQ-A-250/8 4114 AMS-QQ-A-225/7 .. 4069, 4070 4071 4004 AMS-A-81596	SB-209 SB-210 SB-241/SB-241M SB-234 SB-234 .. .. ..	.. .. .. .. .. .. .. .. .. .. .. .. .. ..
5056	Rivet Wire and Rod Wire, rod and bar; rolled or cold finished Foil	B316/B316M B211 ..	.. .. ..	QQ-A-430	.. 4182 4005 ⑤ AMS-A-81596	.. .. ..	.. .. ..
5083	Sheet and plate Marine Sheet and Plate Wire, rod, bar, profiles and tube; extruded Tube; extruded, seamless Tube; drawn, seamless Tube; welded Forgings and forging stock Pipe; gas and oil transmission Armor plate Extruded armor Forged armor	B209 B928/B928M B221 B241/B241M B210 B547/B547M B247 B345/B345M	 MIL-DTL-46027 MIL-DTL-46083 MIL-DTL-45225	.. .. .. .. .. .. .. .. .. .. ..	4056 AMS-QQ-A-250/6 .. AMS-QQ-A-200/4	SB-209 SB-221 SB-241/SB-241M SB-247 .. .. .. ..	.. .. .. .. .. .. .. .. .. .. .. ..
5086	Sheet and plate Marine Sheet and Plate Wire, rod, bar, profiles and tube; extruded Tube; extruded, seamless Tube; drawn, seamless Tube; welded Pipe; gas and oil transmission	B209 B928/B928M B221 B241/B241M B210 B313/B313M B547/B547M B345/B345M		 WW-T-700/5	AMS-QQ-A-250/7 AMS-QQ-A-250/19 .. AMS-QQ-A-200/5	SB-209 SB-221 SB-241/SB-241M	

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TABLE 1.3 Aluminum Mill Product Specifications ① ② ③ ④ (continued)

ALLOY	PRODUCT	SPECIFICATIONS					
		ASTM	Military	Federal	AMS	ASME	AWS
5154	Sheet and plate	B209	..	..	..	SB-209	..
	Wire, rod and bar; rolled or cold finished	B211	..	..	..	..	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	SB-221	..
	Tube; drawn, seamless	B210	..	..	..	SB-210	..
	Tube; welded	B313/B313M	..	..	..	..	..
		B547/B547M	..	..	..	..	..
5183	Welding rod and electrodes; bare	..	..	..	..	..	A5.10/A5.10M
5252	Sheet	B209	..	..	..	..	..
5254	Sheet and plate	B209	..	..	..	SB-209	..
	Tube; extruded, seamless	B241/B241M	..	..	..	..	..
5356	Welding rod and electrodes; bare	..	..	..	..	..	A5.10/A5.10M
5454	Sheet and plate	B209	..	..	AMS-QQ-A-250/10	SB-209	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	AMS-QQ-A-200/6	SB-221	..
	Tube; extruded, seamless	B241/B241M	..	..	..	SB-241/SB-241M	..
	Tube; condenser	B234	..	..	..	SB-234	..
	Tube; condenser with integral fins	B404/B404M	..	..	..	..	..
	Tube; welded	B547/B547M	..	..	..	..	..
5456	Sheet and plate	B209	..	..	AMS-QQ-A-250/9	SB-209	..
	Marine Sheet and Plate	B928/B928M	..	..	AMS-QQ-A-250/20	..	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	AMS-QQ-A-200/7	SB-221	..
	Tube; extruded, seamless	B241/B241M	..	..	..	SB-241/SB-241M	..
	Tube; drawn, seamless	B210	..	..	..	..	..
	Armor plate	..	MIL-DTL-46027	..	..	..	..
	Extruded armor	..	MIL-DTL-46083	..	..	..	..
	Forged armor	..	MIL-DTL-45225	..	..	..	..
5457	Sheet	B209	..	..	..	..	..
5554	Welding rod and electrodes; bare	..	..	..	..	..	A5.10/A5.10M
5556	Welding rod and electrodes; bare	..	..	..	..	..	A5.10/A5.10M
5652	Sheet and plate	B209	..	..	..	SB-209	..
	Tube; extruded, seamless	B241/B241M	..	..	..	..	..
5654	Welding rod and electrodes; bare	..	..	..	..	..	A5.10/A5.10M
5657	Sheet	B209	..	..	..	..	..
6005	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
6005A	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	SB-221	..
6053	Rivet wire and rod	B316/B316M	..	QQ-A-430	..	..	..
6060	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
6061	Sheet and plate	B209	..	..	4025, 4026, 4027 AMS-QQ-A-250/11	SB-209	..
	Tread Plate	B632/B632M	..	..	..	..	..
	Wire, rod and bar; rolled or cold finished	B211	..	..	4115, 4116, 4117, 4128	SB-211	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	AMS-QQ-A-225/8 4150, 4160, 4161, AMS-QQ-A-200/8 4172, 4173	SB-221	..
	Structural profiles	B308/B308M	..	..	4113 AMS-QQ-A-200/16	SB-308/SB-308M	..
	Tube, drawn	B483/B483M	..	..	..	..	..
	Tube; extruded, seamless	B241/B241M	..	..	..	SB-241/SB-241M	..
	Tube; drawn, seamless	B210	..	WW-T-700/6	4079, 4080, 4082 4081, 4083	SB-210	..
	Tube; hydraulic	..	..	..	..	..	..
	Tube; condenser	B234	..	..	..	SB-234	..
	Tube; condenser with integral fins	B404/B404M	..	..	..	..	..
	Tube; welded	B313/B313M	..	..	..	..	..
		B547/B547M	..	..	..	..	..
	Pipe	B241/B241M	MIL-DTL-25995	..	..	SB-241/SB-241M	..
	Pipe; gas and oil transmission	B345/B345M	..	..	..	..	..
	Forgings and forging stock	B247	..	..	4127, 4146③, 4248 AMS-A-22771	SB-247	..
	Rings; forged or rolled	..	..	..	4312	..	..
	Rivet Wire and Rod	B316/B316M	..	QQ-A-430	..	..	..
	Impacts	B221	..	..	..	..	..
	Structural pipe and tube; extruded	B429	..	..	..	..	..
	Foil	..	..	..	4009⑤	..	..

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ALLOY	PRODUCT	SPECIFICATIONS					
		ASTM	Military	Federal	AMS	ASME	AWS
Aldad 6061	Sheet and plate	B209	..	..	4021⑤	SB-209	..
6063	Wire, rod, bar, profiles and tube; extruded	B221	..	..	4156 AMS-QQ-A-200/9	SB-221	..
	Tube; extruded, seamless	B241/B241M	..	..	..	SB-241/SB-241M	..
	Tube; extruded, coiled	B491/B491M	..	..	..	..	..
	Tube; drawn	B483/B483M	..	..	..	..	..
	Pipe	B241/B241M	MIL-DTL-25995	..	..	SB-241/SB-241M	..
	Pipe; gas and oil transmission, seamless	B345/B345M	..	..	..	..	..
	Structural pipe and tube; extruded	B429	..	..	..	..	..
6066	Wire, rod, bar, profiles and tube; extruded	B221	..	..	AMS-QQ-A-200/10	..	..
	Forgings and forging stock	B247	..	..	..	..	..
6070	Rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
	Impacts	B221	..	..	..	..	..
	Pipe; gas and oil transmission	B345/B345M	..	..	..	..	..
6082	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	SB-221	..
6101	Bus conductor	B317/B317M	..	..	..	..	..
6105	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
6151	Forgings and forging stock	B247	..	..	4125, AMS-A-22771	..	..
6201	Wire; T81 temper	B398/B398M	..	..	..	..	..
	Standard conductor; T81 temper	B399/B399M	..	..	..	..	..
6162	Wire, rod, bar, profiles and tube; extruded	B211	..	..	..	..	..
6262	Wire, rod and bar; rolled or cold finished	B211	..	..	AMS-QQ-A-225/10	..	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
	Tube, drawn seamless	B210	..	..	..	..	..
		B483/B483M	..	..	..	..	..
6351	Pipe; gas and oil transmission	B345/B345M	..	..	..	..	..
	Seamless pipe and tube, extruded,	B241/B241M	..	..	..	..	..
	Wire, rod, bar, profiles and tube; extruded	B345/B345M B221	..	..	..	..	..
6463	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
7005	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
7039	Armor plate	..	MIL-DTL-46063	..	..	..	..
	Armor, Extruded	..	MIL-DTL-46083	..	..	..	..
	Armor, Forgings	..	MIL-DTL-45225	..	..	..	..
7049	Forgings	B247	..	..	4111, AMS-A-22771	..	..
	Extrusions	..	..	..	4157, 4159	..	..
	Hand forgings	..	..	..	4247	..	..
	Forging	..	..	..	4321	..	..
	Plate	..	..	..	4200	..	..
		..	..	..	..	..	..
7050	Plate	..	..	..	4050, 4201	..	..
	Wire, rod, bar; extruded	..	..	..	4340, 4341, 4342	..	..
	Forgings	B247	..	..	4107, 4108, AMS-A-22771	..	..
	Die forgings	B247	..	..	4333	..	..
	Rivet Wire and Rod	B316/B316M	..	QQ-A-430	..	..	..
		..	..	..	..	..	..
Aldad 7050	Sheet	..	..	..	4243	..	..
7075	Sheet and plate	B209	..	..	4044, 4045, 4078 AMS-QQ-A-250/12 AMS-QQ-A-250/24	..	..
	Sheet; fine grained	..	..	..	4277	..	..
	Wire, rod and bar; rolled or cold finished	B211	..	..	4122, 4123, 4124, 4186, 4187 ⑤	..	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	AMS-QQ-A-225/9 4154, 4166, 4167, 4168, 4169	..	..
	Wire, rod, bar, profiles and tube; extruded (Exfoliation Resistant)	..	..	..	AMS-QQ-A-200/11 AMS-QQ-A-200/15	..	..
	Tube; extruded	B241/B241M	..	..	..	..	..
	Tube; drawn, seamless	B210	..	WW-T-700/7	..	..	..
	Forgings and forging stock	B247	..	..	4126, 4131, 4141, 4147, AMS-A-22771	..	..
	Hand forging	B247	..	..	4323	..	..
	Rings, forged or rolled	B247	..	..	4310, 4311	..	..
	Impacts	B221	..	..	..	..	..
	Rivet Wire	B316/B316M	..	QQ-A-430	..	..	..
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TABLE 1.3 Aluminum Mill Product Specifications ① ② ③ ④ (concluded)

ALLOY	PRODUCT	SPECIFICATIONS					
		ASTM	Military	Federal	AMS	ASME	AWS
Alclad 7075	Sheet and plate	B209	..	..	4048, 4049 AMS-QQ-A-250/13 AMS-QQ-A-250/25 AMS-QQ-A-250/26 4278	..	..
	Sheet; fine grained						
Alclad One Side 7075	Sheet and plate	B209	..	..	4046 AMS-QQ-A-250/18	..	..
7116	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
7129	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
7175	Extruded	..	..	..	4344	..	..
	Forgings and forging stock	B247	..	..	4148, 4149, 4179, AMS-A-2271	..	..
7178	Sheet and plate	B209	..	..	AMS-QQ-A-250/14 AMS-QQ-A-250/21 AMS-QQ-A-200/13 AMS-QQ-A-200/14	..	..
	Wire, rod, bar, profiles and tube; extruded	B221	..	..	..	..	..
	Rivet Wire	B316/B316M	..	..	..	..	..
	Tube; extruded, seamless	B241/B241M	..	..	..	..	..
Alclad 7178	Sheet and plate	B209	..	..	.. AMS-QQ-A-250/15 AMS-QQ-A-250/22 AMS-QQ-A-250/28	..	..
7475	Sheet and plate	..	..	..	4084, 4085, 4089, 4090, 4202	..	..
Alclad 7475	Sheet	..	..	..	4100, 4207	..	..

① The Aluminum Association and its members assume no responsibility for use of this index, for errors, for omissions, or for failure to advise of subsequent revisions or amendments.

② This cross-reference index lists the basic specification or standard number and no attempt is made to reflect the latest revision or amendment to any particular document. The appropriate specification index published by the specification issuing body should be consulted to determine the latest issue of any particular specification or standard. The aluminum industry generally prefers to use the latest issue of any given specification or standard.

③ Different organizations' specifications for the same alloy and product may contain different requirements.

④ Copies of specifications can be obtained from:

(Aerospace Material Specifications) (AMS) ASTM
SAE, Inc.

400 Commonwealth Drive
Warrendale, PA 15096-0001

(Military and Federal)

Standardization Documents Order Desk
Building 4D, 700 Robins Avenue
Philadelphia, PA 19111-5094

(ASME)

American Society of Mechanical Engineers
345 East 47th Street
New York, NY 10017

⑤ Noncurrent

100 Barr Harbor Drive
West Conshohocken, PA
19428-2959

(AWS)

American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126

TABLE 1.4 Specifications Covering Aluminum Mill Products ① ②

SPECIFICATION NUMBER	ALLOYS AND PRODUCT OR PROCESS COVERED	SPECIFICATION NUMBER	ALLOYS AND PRODUCT OR PROCESS COVERED
FEDERAL SPECIFICATIONS		AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)	
FED-STD-123	Marking for domestic shipment (civilian agencies)	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, and Alclad 7178 sheet and plate
FED-STD-184	Item identification marking for aluminum products		
FED-STD-245	Tolerances for aluminum wrought products finished wire, rod, bar and special shapes		
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	B210	1060, 1100, 2011, 2014, 2024, 3003, Alclad 3003, 5005, 5050, 5052, 5083, 5086, 5154, 5456, 6061, 6063, 6262 and 7075 drawn seamless tube
QQ-A-1876	Aluminum Foil; 1100, 1145, 1235		
WW-T-700	General specification for drawn tube, seamless		
WW-T-700/1	1100 drawn tube, seamless	B211	1060, 1100, 2011, 2014, 2017, 2024, 2219, 3003, 5052, 5056, 5154, 6061, 6063, 6262 and 7075 rolled, drawn or cold finished wire, rod and bar
WW-T-700/2	3003 drawn tube, seamless		
WW-T-700/3	2024 drawn tube, seamless		
WW-T-700/4	5052 drawn tube, seamless	B221	1060, 1100, 2014, 2024, 2219, 3003, Alclad 3003, 3004, 3102, 5052, 5083, 5086, 5154, 5454, 5456, 6005, 6005A, 6060, 6061, 6063, 6066, 6070, 6105, 6162, 6262, 6351, 6463, 7005, 7072, 7075, 7116, 7129 and 7178 extruded wire, rod, bar, shapes and tube
WW-T-700/5	5086 drawn tube, seamless		
WW-T-700/6	6061 drawn tube, seamless		
WW-T-700/7	7075 drawn tube, seamless	B230/B230M	1350-H19 wire
MILITARY SPECIFICATIONS		B231/B231M	Aluminum conductors, concentric-lay-stranded
MIL-STD-129	Marking for shipment and storage	B232/B232M	1350 Aluminum conductors, steel reinforced, concentric-lay-stranded (ACSR)
MIL-C-5541	Chemical films for aluminum and aluminum alloys	B233	1350 drawing stock for electrical purposes
MIL-A-8625	Anodic coatings for aluminum alloys		
MIL-DTL-25995	3003, 6061 and 6063 pipe		
MIL-DTL-45225	5083, 5456 and 7039 forged armor	B234	1060, 3003, Alclad 3003, 5052, 5454, and 6061 drawn, seamless tube for condensers and heat exchangers
MIL-DTL-46027	5083 and 5456 armor plate		
MIL-DTL-46063	7039 armor plate		
MIL-DTL-46083	5083, 5456, 2219 and 7039 extruded armor	B236	1350 bus conductor
MIL-DTL-46118	2219 armor plate and forgings		
MIL-DTL-46192	2519 armor plate		
THE AMERICAN WELDING SOCIETY (AWS)		B241/B241M	3003, 6061, 6063, and 6351 seamless pipe; 1060, 1100, 2014, 2024, 2219, 3003, Alclad 3003, 5052, 5083, 5086, 5254, 5454, 5456, 5652, 6061, 6063, 6351, 7075, and 7178 seamless extruded tube
A5.3/A5.3M	Specification for Aluminum and Aluminum Alloy Electrodes for Shielded Gas Metal Arc Welding	B247	2014, 2219, 2618, 5083, 6061, 7049, 7050, 7075, and 7175 hand forgings; 1100, 2014, 2018, 2025, 2218, 2219, 2618, 3003, 4032, 5083, 6061, 6066, 6151, 7049, 7050, 7075, 7076 and 7175 die forgings; 2014, 2219, 2618, 6061, 6151, and 7075 rolled ring forgings
A5.10/A5.10M	Specification for Bare Aluminum and Aluminum Welding Electrodes and Rods, 1100, 2319, 4043, 4047, 4145, 4643, 5183, 5356, 5554, 5556, 5654		
C2.25/C2.25M	Thermal Spray - Solid and Composite Wire and Ceramic Rods		
AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)		B308/B308M	6061 rolled or extruded standard structural shapes
B36.10M	Standard dimensions for welded and seamless (steel) pipe	B313/B313M	1100, 3003, 3004, Alclad 3004, 5050, 5052, 5086, 5154, and 6061 round welded tube
B36.19M	Standard dimensions for (stainless steel) pipe	B316/B316M	1100, 2017, 2024, 2117, 2219, 3003, 5005, 5052, 5056, 6053, 6061, 7050, 7075 and 7178 rivet and cold heading wire and rod
SB-209	1060, 1100, 3003, Alclad 3003, 3004, Alclad 3004, 5052, 5083, 5086, 5154, 5254, 5454, 5456, 5652, 6061, and Alclad 6061 sheet and plate		
SB-210	1060, 3003, Alclad 3003, 5052, 5154, 6061, and 6063 drawn seamless tube		
SB-211	2014, 2024, and 6061 rolled, drawn, or cold finished wire, rod and bar	B317/B317M	6101 extruded rod, bar, structural shapes and pipe for electrical purposes
SB-221	1060, 1100, 2024, 3003, 5083, 5086, 5154, 5454, 5456, 6005A, 6061 and 6063 extruded rod, bar and shapes		
SB-234	1060, 3003, Alclad 3003, 5052, 5454, and 6061 drawn, seamless tube for condensers and heat exchangers		
SB-241/SB-241M	3003, 6061 and 6063 seamless pipe; 1060, 1100, 3003, Alclad 3003, 5052, 5083, 5086, 5454, 5456, 6061 and 6063 seamless extruded tube	B324	1350 rectangular and square wire
SB-247	5083 and 6061 hand forgings; 2014, 3003, 5083 and 6061 die forgings		
SB-308/SB-308M	6061 rolled or extruded standard structural shapes		
		B345/B345M	3003, 6061, 6063, and 6351 seamless pipe; 1060, 3003, Alclad 3003, 5083, 5086, 6061, 6063, 6070, and 6351 seamless extruded tube
		B373	1145 and 1235 foil for capacitors
		B398/B398M	6201-T81 wire for electrical purposes
		B399/B399M	Concentric-lay-stranded, 6201-T81 conductors
		B400	Compact round concentric-lay-stranded, 1350 conductors, hard-drawn
		B401	1350 Compact round concentric-lay-stranded aluminum conductors, steel reinforced (ACSR)
		B404/B404M	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
		B479	1100, 1145, and 1235 foil for flexible barrier
		B483/B483M	1060, 1100, 1435, 3003, 5005, 5050, 5052, 6061, 6063 and 6262 drawn tube
		B491/B491M	1050, 1100, 1200, 1235, 3003 and 6063 extruded round coiled tube
		B547/B547M	1100, 3003, Alclad 3003, 3004 Alclad 3004, 5050, 5052, 5083, 5086, 5154, 5454 and 6061 formed and arc welded round tube

For all numbered footnotes, see page 10

TABLE 1.4 Specifications Covering Aluminum Mill Products ① ②

SPECIFICATION NUMBER	ALLOYS AND PRODUCT OR PROCESS COVERED	SPECIFICATION NUMBER	ALLOYS AND PRODUCT OR PROCESS COVERED
B609/B609M	Aluminum 1350 round wire, annealed and intermediate tempers, for electrical purposes	4085	7475-T761 Sheet
B632/B632M	Aluminum-alloy 6061 rolled tread plate	4086	2024-T3 Drawn, Seamless Hydraulic Tube
B660	Packaging/Packing of Aluminum and Magnesium Products	4087	2024-O Drawn Seamless Tube
B666/B666M	Practice for Identification Marking of Aluminum Products	4088	2024-T3 Drawn Seamless Tube
B928/B928M	High Magnesium Aluminum Alloy Sheet and Plate for Marine Service	4089	7475-T7651 Plate
		4090	7475-T651 Plate
		4094	Alclad 2219-T81 Sheet and T851 Plate
		4095	Alclad 2219-T31 Sheet and T351 Plate
SAE — AEROSPACE MATERIAL SPECIFICATIONS (AMS)		4096	Alclad 2219-O Sheet and Plate
2469	Process and Performance Requirement for Hard-Anodic Coating Treatment of Aluminum Alloys	4100	Alclad 7475-T761 Sheet
2470	Chromic-Acid Anodizing of Aluminum Alloys	4101	2124-T851 Plate
2471	Undyed Coating Sulfuric-Acid Process, Anodizing of Aluminum Alloys	4107	7050-T74 (formerly T736) Die Forgings
2472	Dyed Coating Sulfuric-Acid Anodizing of Aluminum Alloys	4108	7050-T7452 (formerly T73652) Hand Forgings
2473	Chemical Film Treatment for Aluminum Alloys, General Purpose Coating	4111	7049-T73 Forgings and Forging Stock
2474	Low Electrical Resistant Coating, Chemical Treatments for Aluminum Alloys	4113	6061-T6 Extruded Profiles
2808	Identification Markings for Forgings	4114	5052-F Rolled or Cold Finished, Rods and Bars
2816	Color Code identification Marking of Welding Wire	4115	6061-O Rolled, Drawn or Cold Finished Wire, Rod, Bar and Flash Welded Rings
4000 ③	1060-O Sheet and Plate	4116	6061-T4 Cold Finished Wire, Rod and Bar
4001	1100-O Sheet and Plate	4117	6061-T6 and T651 Rolled or Cold Finished Wire, Rod, Bar and Flash Welded Rings
4003	1100-H14 Sheet and Plate	4118	2017-T4 and T451 Rolled Cold Finished Wire, Rod and Bar
4004	5052-H191 Foil	4120	2024-T4 and T351 Rolled or Cold Finished Wire, Rod and Bar
4005 ③	5056-H191 Foil	4121	2014-T6 Rolled or Cold Finished Wire, Rod and Bar
4006	3003-O Sheet and Plate	4122	7075-T6 Rolled or Cold Finished Wire, Rod, Bar and Rings
4008	3003-H14 Sheet and Plate	4123	7075-T651 Rolled or Cold Finished Rod and Bar
4009 ③	6061-O Foil	4124	7075-T7351 Rolled or Cold Finished Bars, Rods and Wire
4010	3003-H18 Foil	4125	6151-T6 Die Forgings and Rolled or Forged Rings
4011	1145-O Foil	4126	7075-T6 Die and Hand Forgings and Rolled Rings
4013	Laminated Shim Stock, Surface Bonded	4127	6061-T6 Forgings and Rolled or Forged Rings
4015	5052-O Sheet and Plate	4128	6061-T451 Bars, Rolled or Cold Finished
4016	5052-H32 Sheet and Plate	4130	2025-T6 Die Forgings
4017	5052-H34 Sheet and Plate	4131	7075-T74 Die and Hand Forgings
4021 ③	Alclad 6061-O Sheet and Plate	4132	2618-T61 Die and Hand Forgings, Rolled Rings and Forging Stock
4025	6061-O Sheet and Plate	4133	2014-T6 Forgings and Rolled Rings
4026	6061-T4 and T451 Sheet and Plate	4134	2014-T4 Die Forgings
4027	6061-T6 and T651 Sheet and Plate	4140	2018-T61 Die Forgings
4028	2014-O Sheet and Plate	4141	7075-T73 Die Forgings
4029	2014-T6 Sheet and 2014-T651 Plate	4143	2219-T6 Forgings and Rolled or Forged Rings
4031	2219-O Sheet and Plate	4144	2219-T852 and -T851 Hand Forgings and Rings
4035	2024-O Sheet and Plate	4146 ③	6061-T4 Forgings and Rolled or Forged Rings
4036	Alclad one side 2024-T3 Sheet and T351 Plate	4147	7075-T7352 Forgings
4037	2024-T3 Sheet and T351 Plate	4148	7175-T66 Die Forgings
4040	Alclad 2024-O and 1½% Alclad 2024-O Sheet and Plate	4149	7175-T74 Die and Hand Forgings
4041	Alclad 2024 and 1½% Alclad 2024-T3 Flat Sheet; Alclad 2024-T351 Plate	4150	6061-T6 Extrusions and Rings
4044	7075-O Sheet and Plate	4152	2024-T3 Extrusions
4045	7075-T6 Sheet and T651 Plate	4153	2014-T6 Extrusions
4046	Alclad One Side 7075-T6 Sheet and Alclad One Side, 7075-T651 Plate	4154	7075-T6 Extrusions
4048	Alclad 7075-O Sheet and Plate	4156	6063-T6 Extrusions
4049	Alclad 7075-T6 Sheet and Alclad 7075-T651 Plate	4157	7049-T7351 Extrusions
4050	7050-T7451 (formerly T73651) Plate	4159	7049-T7651 Extrusions
4056	5083-O Sheet and Plate	4160	6061-O Extrusions
4062	1100-H14 Drawn Seamless Tube	4161	6061-T4 Extrusions
4063	Clad One Side 3003 Sheet (Brazing Sheet No. 11-O)	4162	2219-T851 Extrusions
4064	Clad Two Sides 3003 Sheet (Brazing Sheet No. 12-O)	4163	2219-T351 Extrusions
4065	3003-O Drawn Tube, Seamless	4164	2024-T3510 Extrusions
4066	2219-T851 Drawn Tube, Seamless	4165	2024-T351 Extrusions
4067	3003-H14 Drawn Tube, Seamless	4166	7075-T73 Extrusions
4068	2219-T351 Drawn Tube, Seamless	4167	7075-T7351 Extrusions
4069	5052-O Drawn Tube, Special Tolerances, Seamless	4168	7075-T6510 Extrusions
4070	5052-O Drawn Tube, Seamless	4169	7075-T6511 Extrusions
4071	5052-O Drawn, Hydraulic Tube, Seamless	4172	6061-T451 Extrusions
4077	Alclad one side 2024-O Sheet and Plate	4173	6061-T651 Extrusions
4078	7075-T7351 Plate	4179	7175-T7452 Forgings
4079	6061-O Drawn Seamless Tube, Special Tolerances	4180	1100-H18 Wire for Metal Spraying
4080	6061-O Drawn Seamless Tube	4184	4145 Brazing Filler Metal
4081	6061-T4 Drawn, Seamless Hydraulic Tube	4185	4047 Brazing Filler Metal
4082	6061-T6 Seamless Drawn Tube	4186	7075-F Wire, Rod and Bar ; Rolled or Cold Finished
4083	6061-T6 Drawn, Seamless Hydraulic Tube	4187 ③	7075-O Wire, Rod and Bar ; Rolled, Drawn or Cold Finished
4084	7475-T61 Sheet	4189	4643 Welding Wire

For all numbered footnotes, see page 10

TABLE 1.4 Specifications Covering Aluminum Mill Products ① ②

SPECIFICATION NUMBER	ALLOYS AND PRODUCT OR PROCESS COVERED	SPECIFICATION NUMBER	ALLOYS AND PRODUCT OR PROCESS COVERED
4190	4043 Welding Wire	AMS-QQ-A-200/14	7178-T76, Bar, Rod, Shapes and Wire, Extruded (Exfoliation Resistant)
4191	2319 Welding Wire	AMS-QQ-A-200/15	7075-T76, Bar, Rod and Shapes, Extruded (Exfoliation Resistant)
4193	2024-T861 Sheet and Plate	AMS-QQ-A-200/16	6061, Structural Shapes, Extruded
4194 ③	Alclad 2024-T361 Sheet and Plate	AMS-QQ-A-200/17	6162, Bar, Rod, Shapes, Tube and Wire, Extruded Aluminum and Aluminum Alloy, Bar, Rod, Wire, or Special Shapes; Rolled, Drawn or Cold Finished; General Specification for
4195	Alclad 2024-T861 Sheet and Plate	AMS-QQ-A-225	1100 Aluminum Alloy, Bar, Rod, Wire; Rolled, Drawn or Cold Finished
4200	7049-T7351 Plate	AMS-QQ-A-225/1	3003 Aluminum Alloy, Bar, Rod, Wire; Rolled, Drawn or Cold Finished
4201	7050-T7651 Plate	AMS-QQ-A-225/2	2011 Aluminum Alloy, Bar, Rod, Wire; Rolled, Drawn or Cold Finished
4202	7475-T7351 Plate	AMS-QQ-A-225/3	2014 Aluminum Alloy, Bar, Rod, Wire, and Special Shapes; Rolled, Drawn or Cold Finished
4203	7010-T7351 Plate	AMS-QQ-A-225/4	2017 Aluminum Alloy, Bar, Rod, Wire; Rolled, Drawn or Cold Finished
4204	7010-T7651 Plate	AMS-QQ-A-225/5	2024 Aluminum Alloy, Bar, Rod, Wire; Rolled, Drawn or Cold Finished
4205	7010-T7451 (formerly T73651) Plate	AMS-QQ-A-225/6	5052 Aluminum Alloy, Bar, Rod, Wire; Rolled, Drawn or Cold Finished
4206	7055-T7751 Plate	AMS-QQ-A-225/7	6061 Aluminum Alloy, Bar, Rod, Wire, and Special Shapes; Rolled, Drawn or Cold Finished
4207	Alclad 7475-T61 Sheet	AMS-QQ-A-225/8	7075 Aluminum Alloy, Bar, Rod, Wire, and Special Shapes; Rolled, Drawn or Cold Finished
4208	2004-F Sheet	AMS-QQ-A-225/9	6262 Aluminum Alloy, Bar, Rod, Wire; Rolled, Drawn or Cold Finished
4209	Alclad 2004-F Sheet	AMS-QQ-A-225/10	Aluminum and Aluminum Alloy, Plate and Sheet, General Specification for
4221	2124-T8151 Plate	AMS-QQ-A-250	1100 Aluminum Sheet and Plate
4232	2090-T86 Extrusions	AMS-QQ-A-250/1	3003 Aluminum Alloy Plate and Sheet
4243	Alclad 7050-T76 Sheet	AMS-QQ-A-250/2	Alclad 2014 Aluminum Alloy Plate and Sheet
4247	7049-T7352 Hand Forgings	AMS-QQ-A-250/3	2024 Aluminum Alloy Plate and Sheet
4248	6061-T652 Hand Forgings and Rolled Rings	AMS-QQ-A-250/4	Alclad 2024 Aluminum Alloy Plate and Sheet
4251	2090-T83 Sheet	AMS-QQ-A-250/5	5083 Aluminum Alloy Plate and Sheet
4252	7150-T7751 Plate	AMS-QQ-A-250/6	5086 Aluminum Alloy Plate and Sheet
4255	Clad One Side 6951 Sheet (No. 21 Brazing Sheet) As Fabricated	AMS-QQ-A-250/7	5052 Aluminum Alloy Plate and Sheet
4256	Clad Two Sides 6951 Sheet (No. 22 Brazing Sheet) As Fabricated	AMS-QQ-A-250/8	5456 Aluminum Alloy Plate and Sheet
4259 ③	8090-T6 Sheet (Unrecrystallized)	AMS-QQ-A-250/9	5454 Aluminum Alloy Plate and Sheet
4270	Alclad 2424-T3 Sheet	AMS-QQ-A-250/10	6061 Aluminum Alloy Plate and Sheet
4273	2424-T3 Sheet and Plate	AMS-QQ-A-250/11	7075 Aluminum Alloy Plate and Sheet
4274	Alclad 2424-O Sheet, Fine Grained	AMS-QQ-A-250/12	Alclad 7075 Aluminum Alloy Plate and Sheet
4276	2424-O Sheet, Fine Grained	AMS-QQ-A-250/13	7178 Aluminum Alloy Plate and Sheet
4277	7075-O Sheet, Fine Grained	AMS-QQ-A-250/14	Alclad 7178 Aluminum Alloy Plate and Sheet
4278	Alclad 7075-O Sheet, Fine Grained	AMS-QQ-A-250/15	Alclad One Side 7075 Aluminum Alloy Plate and Sheet
4279	Alclad 2024-T4 Sheet	AMS-QQ-A-250/16	5086 Aluminum Alloy Plate and Sheet for Seawater Applications
4295	2219 Sheet and Plate	AMS-QQ-A-250/17	5456 Aluminum Alloy Plate and Sheet for Seawater Applications
4296	Alclad 2524-T3 Sheet and Plate	AMS-QQ-A-250/18	7178-T76 Aluminum Alloy Plate and Sheet (Exfoliation Resistant)
4297	2024-T4 Sheet	AMS-QQ-A-250/19	Alclad 7178-T76 Aluminum Alloy Plate and Sheet (Exfoliation Resistant)
4303	2090-T81 Plate	AMS-QQ-A-250/20	7075 Aluminum Alloy Plate and Sheet (Exfoliation Resistant)
4306	7150-T6151 Plate	AMS-QQ-A-250/21	Alclad 7075 Aluminum Alloy Plate and Sheet (Exfoliation Resistant)
4307 ③	7150-T6151 Extrusions	AMS-QQ-A-250/22	7075, Alclad 7011 Aluminum Alloy Plate and Sheet
4308 ③	8009-H112 Sheet	AMS-QQ-A-250/23	7178, Alclad 7011 Aluminum Alloy Plate and Sheet
4309 ③	8009-H112 Extrusions	AMS-QQ-A-250/24	2124 Aluminum Alloy Plate
4310	7075-T651 and T652 Rings, Forged or Rolled	AMS-QQ-A-250/25	2219 Aluminum Alloy Plate and Sheet
4311	7075-T7351 and T7352 Rings, Forged or Rolled	AMS-QQ-A-250/26	Heat Treatment of Wrought Aluminum Alloys
4312	6061-T651 and T652 Rings, Rolled or Forged	AMS-QQ-A-250/27	4045 and 4343 Brazing Sheet
4313	2219-T351 and T352 Rings, Forged or Rolled	AMS-QQ-A-250/28	Aluminum Alloy Forgings, Heat Treated
4314	2014-T651 and T652 Rings, Forged or Rolled	AMS-QQ-A-250/29	2024, 3003, 5052 and 5056 Foil
4319	4032-T651 Rolled or Cold Finished Bars and Rods	AMS-QQ-A-250/30	
4320	7149-T73 Forgings	AMS-H-6088	
4321	7049-O1 Forgings	AMS-B-20148	
4323	7075-T7452 Hand Forgings	AMS-A-22771	
4333	7050-T7452 Die Forgings	AMS-A-81596	
4334 ③	7249-T74 and T7452 Forgings		
4337	7055-T7751 Extruded Profiles		
4339	2024-T851 Rolled or Cold Finished Bars and Rods		
4340	7050-T7651 Extrusions		
4341	7050-T7351 Extrusions		
4342	7050-T74511 (formerly T736511) Extrusions		
4343	7149-T7351 Extrusions		
4344	7175-T7351 Extrusions		
4345	7150-T7751 Extrusions		
4347	6013-T4 Sheet		
AMS-QQ-A-200	Aluminum Alloy, Bar, Rod, Shapes, Structural Shapes, Tube and Wire, Extruded, General Specification for		
AMS-QQ-A-200/1	3003, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/2	2014, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/3	2024, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/4	5083, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/5	5086, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/6	5454, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/7	5456, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/8	6061, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/9	6063, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/10	6066, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/11	7075, Bar, Rod, Shapes, Tube and Wire, Extruded		
AMS-QQ-A-200/13	7178, Bar, Rod, Shapes, Tube and Wire, Extruded		

SAE — AEROSPACE STANDARDS (AS)

7220	1100-H14 Rivets
7222	2117-T4 Rivets

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

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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③ Noncurrent specification