

AEROSPACE MATERIAL SPECIFICATIONS (AMS) IN ALUMINUM

Specification	Alloy and Product or Process Covered
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	Low electrical resistivity chemical conversion treatments for aluminum alloys
2770	Heat treatment of wrought aluminum alloy parts
2808	Identification marking of forgings
2815	Line Code identification marking of welding wire
2816	Color code identification marking of welding wire
4001	1100-0 sheet and plate
4003	1100-H14 sheet and plate
4006	3003-0 sheet and plate
4008	3003- H14 sheet and plate
4015	5052-0 sheet and plate
4016	5052-H32 sheet and plate
4017	5052-H34 sheet and plate
4021	Alclad 6061-0 sheet and plate
4025	6061-0 sheet and plate
4026	6061-T4 sheet and T451 plate
4028	2014-0 sheet and plate
4029	2014-T6 sheet and plate
4031	2219-0 sheet and plate
4035	2024-0 sheet and plate
4036	Alclad one side 2024-T3 sheet and T351 plate
4037	2024-T3 sheet and T351 plate
4040	Alclad 2024-0 sheet and plate
4041	Alclad 2024-T3 sheet and T351 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
4056	5083-0 sheet and plate
4062	1100-H14 drawn tube
4063	No. 11-0 brazing sheet
4064	No. 12-0 brazing sheet
4065	3003-0 drawn tube
4066	2219-T851 seamless tube
4067	3003-H14 drawn tube, seamless
4069	5052-0 drawn tube, special tolerances, seamless
4070	5052-0 drawn tube, seamless
4071	5052-drawn, hydraulic tube, seamless
4077	Alclad one side 2024-0 sheet and plate
4078	7075-T7351 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
4084	7475-T61 sheet
4085	7475-T761 sheet
4086	2024-T3 drawn, hydraulic tube
4087	2024-0 drawn tube
4088	2024-T3 drawn tube
4089	7475-T7651 plate
4090	7475-T651 plate
4094	2219-T81 sheet and T851 plate
4095	Alclad 2219-T31 sheet and T351 plate
4096	Alclad 2219-0 sheet and plate
4100	Alclad 7475-T761 sheet
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 T3652) hand forgings
4111	7049-T73 forgings and forging stock
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, T651 rolled, drawn, or cold-finished wire, rod and bar
4118	2017-T4, T451 rolled, drawn or cold-finished wire, rod and bar
4119	2024-T351 rolled or cold finished rod and bar
4120	2024-T4, T351 rolled, drawn, or cold-finished wire, rod and bar
4121	2014-T6 rolled, drawn or cold-finished wire, rod, and bar
4122	7075-T6 rolled or cold finished wire, rod and bar

Specification	Alloy and Product or Process Covered
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 rolled or cold-finished bars
4130	2025-T6 forgings
4131	7075-T74 die and hand forgings
4132	2618-T61 forgings
4133	2014-T6 forgings and 2014 forging stock
4134	2014-T4 forgings
4135	2014-T6 forgings
4140	2018-T61 forgings
4141	7075-T73 die forgings and forging stock
4143	2219-T6 forgings
4144	2219-T852 forgings
4146	6061-T4 die forgings and rolled rings and 6061-F forging stock
4147	7075-T7352 forgings
4148	7175-T66 forgings and 7175 forging stock
4149	7175-T736 forgings and 7175 forging stock
4150	6061-T6 extruded wire, rod, bar, shapes and tube
4152	2024-T3 extruded rod, bar, shapes and tube
4153	2014-T6 extruded rod, bar, shapes and tube
4154	7075-T6 extruded rod, bar, shapes and tube
4156	6063-T6 extruded rod, bar, and shapes
4157	7049-T73511 extrusions
4159	7049-T76511 extrusions
4160	6061-0 extruded wire, rod, bar, shapes and tube
4161	6061-T4 extruded wire, rod, bar, shapes and tube
4162	2219-T8511 extrusions

AmEuro Metals developed this information from several sources and technical literature. AmEuro Metals assumes no responsibility for the accuracy of this information.