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2009-04-25. Archived 2009-05-03. ^ Sandra L'Arringford, "Life Span of Suleman the Magnificent 1494-1566". Personal.uchicago.edu. Retrieved 2013-05-05. ^ a b c d e f Ricklefs (1991), page 25 ^ "La Terra De Hoehelaga - Jacques Cartier's Hoehelaga", jacquescartier.org. Archived from the original on December 23, 2008. ^ "The Lusiads". World Digital Library. 1800–1882. Retrieved 2013-08-31. ^ Schwieger, Peter (2014). The Dala Lama and the Emperors of China: a political history of the Tibetan institution of the reincarnation. New York: Columbia University Press. ISBN 9780231538602. OCLC 905914446. ^ Miller, George, ed. (1996). To The Spice Islands and Beyond: Travels in Eastern Indonesia. New York: Oxford University Press. pp. xv. ISBN 967-95-3099-9. ^ Luc-Normand Teller (2009). "Urban world history: an economic and geographical perspective". PUQ. p.308. ISBN 2-7605-1588-5. ^ a b c d e f Ricklefs (1991), page 27 ^ a b Ricklefs (1991), page 28 ^ Polybius: The Rise Of The Roman Empire, Page 36, Penguin, 1979. Langer, William. An Encyclopedia of World History (5th ed. 1973); highly detailed outline of events online free Media related to 16th century at Wikimedia Commons Timelines of 16th century events, science, culture and persons Retrieved from " 4 The following pages link to 16th century External tools (link count transclusion count sorted list) - See help page for transcluding these entries Showing 50 items. View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500)Bagpipes (links | edit) List of decades, centuries, and millennia (links | edit) Fashion (links | edit) Giovanni Boccaccio (links | edit) History of Mali (links | edit) History of Mauritius (links | edit) Post office (links | edit) Snare drum (links | edit) Republican Party (United States) (links | edit) 20th century (links | edit) 15th century (links | edit) 17th century (links | edit) 18th century (links | edit) 1624 (links | edit) 1626 (links | edit) 1642 (links | edit) 1661 (links | edit) 1608 (links | edit) 1492 (links | edit) 14th century (links | edit) 1st century (links | edit) 13th century (links | edit) 4th century (links | edit) 12th century (links | edit) 11th century (links | edit) 1564 (links | edit) 1648 (links | edit) 1572 (links | edit) 1623 (links | edit) 1662 (links | edit) 1490s (links | edit) 1640s (links | edit) 1597 (links | edit) 1690 (links | edit) 1688 (links | edit) 7th century (links | edit) 10th century (links | edit) 9th century (links | edit) 8th century (links | edit) 6th century (links | edit) 5th century (links | edit) 3rd century (links | edit) 2nd century (links | edit) 1573 (links | edit) 1570s (links | edit) 1574 (links | edit) 1436 (links | edit) 1476 (links | edit) 1542 (links | edit) 1540s (links | edit) View (previous 50 | next 50) (20 | 50 | 100 | 250 | 500) Retrieved from " WhatLinksHere/16th century" US ASTM AISI and SAE Standards Al-6061 aluminu alloy is a general purpose structural alloy developed by Alcoa in 1935. The temper designations mainly have 6061-T4, T451, Al 6061-T6, 6061-T651, etc. It is one of the most widely used alloys. The main alloying elements are magnesium (Mg) and silicon (Si). The content of silicon and magnesium in this alloy is close to form magnesium silicide (Mg2Si), so it is a heat-treated wrought alloy. Aluminum 6061-T6 has a minimum yield strength of 35 ksi (240 MPa), which is almost equal to that of A36 steel. This strength, combined with its light weight (about 1/3 that of steel), makes it particularly suitable for structural applications where static loads are a concern. Compared to 7000 (e.g. alloy 7075) and 2000 series (e.g. alloy 2024) aluminum, AA6061, although lower in strength, is less sensitive to solution heat treatment and quench variation. Because 6061 aluminum alloy is easy to extrude, it can provide a variety of product forms such as sheet, strip, plate, rod, forgings, tubes, pipes, wires, extruded parts and structural shapes. Aluminum 6061 has good corrosion resistance, mechanical properties, formability, weldability, and machinability. Generally suitable for medium to high strength requirements, and has good toughness. Applications range from food and beverage packaging, electronic products and home appliances, architectural decoration, transportation to aerospace components. Alloy 6082, popular in Europe, is slightly stronger than AA6061 and has similar uses. The abbreviations Al-6061 and AA6061 in this article are the same material. Al-Aluminum; AA-The Aluminum Association or Aluminum Alloy. Aluminum Alloy 6061 Properties, Data Sheet & Specs. The following tables and lists summarize 6061 aluminum properties, datasheet and specs including chemical composition, physical properties and mechanical properties, welding, hardness, machinability, heat treating, etc. Chemical Composition Aluminum 6061 chemical composition is listed in the following table. AA-6061 Chemical Composition, % ASTM, SAE AMS ANSI, Alloy (UNS) Si Fe, ≤ Cu Mn, ≤ Mg Cr Zn, ≤ Ti, ≤ Other Elements, Each (Total), ≤ Al ASTM B209; ASTM B211; ASTM B221; ASTM B210; ASTM B308/B308M; ASTM B308/B308M; ASTM B308/B308M; ASTM B241/B241M; SAE AMS 4025; SAE AMS 4026; SAE AMS 4027; SAE AMS 4117 6061 (UNS A96061) 0.4-0.8 0.7 0.15-0.40 0.15 0.8-1.2 0.04-0.35 0.25 0.15 0.05 (0.15) Remainder Notes (various standards of 6061 aluminum); ASTM B209: Aluminum and Aluminum-Alloy Sheet and Plate, ASTM B211: Rolled or Cold Finished Bar, Rod, and Wire, ASTM B221: Extruded Bars, Rods, Wire, Profiles and Tubes. ASTM B210: Aluminum and Aluminum-Alloy Drawn Seamless Tubes, ASTM B308/B308M: AL 6061-T6 Aluminum Structural Profiles, ASTM B241/B241M: Seamless Pipe and Seamless Extruded Tube, SAE AMS 4025: Sheet and Plate; Temper O; Annealed, SAE AMS 4026: Sheet and Plate; Temper T4, T42, T451 (-T4 Sheet, -T451), Solution Heat Treated and Naturally Aged, SAE AMS 4027: Sheet and Plate; Temper T6 Aluminum, T62, T651 (AL 6061-T6 Sheet, 6061T651 Plate) Solution and Precipitation Heat Treated. SAE AMS 4117: Rolled or Cold Finished Bars, Rods, and Wire and Flash Welded Rings; (AL 6061-T6 Aluminum, 6061-T651), 6061 Aluminum Physical Properties 6061 aluminum physical properties are given in the following lists, including density, melting point, coefficient of thermal expansion, elastic modulus, thermal conductivity, specific heat capacity electrical conductivity, and electrical resistance. Notes: 10-6-K-1 = 10-6/K = 1 μm/m·°C 1 Ω-mm²/m = 1 μΩ-m 1 g/cm³ = 1 kg/dm³ = 1000 kg/m³ 1 GPa = 1 kN/mm² 1 MPa = 1 N/mm² The melting range shown applies to wrought products with a thickness of 6.35 mm (1/4 in.) or greater. Specific gravity: 2.7 Al-6061 Aluminum Physical Properties ASTM Alloy and Temper Density, g/cm3 (lb/in.3) Melting point, °C (°F) Specific heat capacity, J/kg·K (Btu/lb ·°F) Coefficient of thermal expansion, 10-6/K (μin./in. ·°F) Thermal diffusivity, mm²/s Thermal conductivity, W/m·°C (Btu•in/h•ft²•°F) Electrical conductivity, Equal volume (Equal weight), % IACS Electrical resistivity, Ω-mm²/m (Ω-circ mil/ft) ASTM B209; ASTM B210; ASTM B221; ASTM B241; ASTM B308; SAE AMS 4027; SAE AMS 4117; SAE AMS 4025; SAE AMS 4026 6061-O 2.70 (0.098) 580-650 (1080-1205) 896 (0.214) at 20 °C (68 °F) 23.6 (13.1) at 20-100 °C (68-212 °F) 66 180 (1250) at 25 °C (77 °F) 47 (155) at 20 °C (68 °F) 0.0365 (22) at 20 °C (68 °F) 6061-T4 154 (1070) at 25 °C (77 °F) 40 (132) at 20 °C (68 °F) 0.043 (26) at 20 °C (68 °F) 6061-T6 167 (1160) at 25 °C (77 °F) 43 (142) at 20 °C (68 °F) 0.040 (24) at 20 °C (68 °F) Mechanical Properties Aluminum 6061-T6 mechanical properties are listed in the following tables including yield strength (yield stress), ultimate tensile strength, shear strength, modulus of elasticity, young's modulus, etc. The following mechanical properties is the average value of various sizes, product forms and manufacturing methods, so the properties cannot be guaranteed. They are only used as a basis for comparing alloys and tempering, and should not be specified as engineering requirements or used for design purposes. Aluminum 6061 Mechanical Properties, Part-1 Aluminum Alloy and Temper Ultimate Tensile strength, MPa (ksi) Yield strength, MPa (ksi) Elongation in 50 mm (2 in.), ≥% Brinell Hardness, HB (500 kgf load 10 mm ball) 1.6mm (1/16 in.) thick specimen 12.5mm (1/2 in.) thick specimen 6061-O 125 (18) 55 (8) 25 27 30 6061-T4, T451 240 (35) 145 (21) 22 22 65 6061-T6, T651 310 (45) 275 (40) 12 15 95 Alclad 6061-O 115 (17) 50 (7) 25 -- Alclad 6061-T4, T451 230 (33) 130 (19) 22 -- Alclad 6061-T6, T651 290 (42) 255 (37) 12 -- Aluminum 6061 Mechanical Properties, Part-2 Aluminum Alloy and Temper Ultimate shear strength, MPa (ksi) Modulus of elasticity, GPa (106 psi) Fatigue endurance limit, MPa (ksi) 6061-O 85 (12) 69 (10) 60 (9) 6061-T4, T451 165 (24) 69 (10) 95 (14) Al 6061-T6, T651 205 (30) 69 (10) 95 (14) Alclad 6061-O 75 (11) 69 (10) - Alclad 6061-T4, T451 150 (22) 69 (10) - Alclad 6061-T6, 6061-T651 185 (27) 69 (10) - Notes for modulus of elasticity: The average of the tensile (Young's modulus) and compressive modulus. The compression modulus is about 2% higher than the tensile modulus (Young's modulus). Aluminum 6061 Typical Mechanical Properties at Different Temperatures Alloy and temper Temperature, °C (°F) Ultimate tensile strength, MPa (ksi) 0.2% offset yield strength Elongation in 50 mm (2 in.), ≥%, 6061-T6, 6061-T651 -195 (-320) 415 (60) 325 (47) 22 -80 (-112) 338 (49) 290 (42) 18 0 (-18) 325 (47) 283 (41) 17 24 (75) 310 (45) 275 (40) 17 20 (212) 290 (42) 262 (38) 18 150 (300) 235 (34) 215 (31) 20 205 (400) 130 (19) 103 (15) 28 250 (500) 52 (7.5) 35 (5) 60 315 (600) 32 (4.6) 19 (2.7) 85 370 (700) 21 (3) 12 (1.8) 95 Mechanical Properties of Aluminum 6061-T6 in SAE AMS and ASTM Standard Aluminum 6061 Mechanical Properties - Extruded Bars, Rods, Wire, Profiles, and Tubes Standard Aluminum Alloy and Temper Specified Diameter or Thickness, in. Area, in² Tensile Strength, ksi, ≥ (unless otherwise specified) Yield Strength (0.2 % offset), ksi, ≥ (unless otherwise specified) Elongation in 2 in. or 4xDiameter, ≥, % ASTM B221 6061-O all all 22, ≤ 16, ≤ 10 6061-T1 ≤ 0.625 all 26.0 14.0 16 6061-T4, T4510, T4511 all all 26.0 16 16 6061-T42 all all 26.0 12 16 6061-T51 ≤ 0.625 all 35.0 30 8 6061-T6, T62, T6510, T6511 ≤ 0.249 all 38 35 8 ≥0.250 all 38 35 10 Aluminum 6061 Mechanical Properties - Drawn Seamless Tubes Elongation in 2 in. or 4xDiameter, ≥, % Standard Aluminum Alloy and Temper Specified Diameter or Thickness, in. Tensile Strength, ksi, ≥ (unless otherwise specified) Yield Strength (0.2 % offset), ksi, ≥ (unless otherwise specified) Full-Section Specimen Cut-Out Specimen ASTM B210: AMSWTT700/6 6061-O 0.018-0.500 22, ≤ 14, ≤ 15 15 6061-T6, T62 0.025-0.049 30.0 16.0 16 14 0.050-0.259 30.0 16.0 18 16 0.260-0.500 30.0 16.0 20 18 6061-T42 0.025-0.049 30.0 14.0 16 14 0.050-0.259 30.0 14.0 18 16 0.260-0.500 30.0 14.0 20 18 6061-T6, T62 0.025-0.049 42.0 35.0 10 8 0.050-0.259 42.0 35.0 12 10 0.260-0.500 42.0 35.0 14 12 Aluminum 6061 Mechanical Properties - Rolled or Cold Finished Bar, Rod, and Wire Standard Aluminum Alloy and Temper Specified Diameter or Thickness, in. Tensile Strength, ksi, ≥ (unless otherwise specified) Yield Strength (0.2 % offset), ksi, ≥ (unless otherwise specified) Elongation in 2 in. or 4xDiameter, ≥, % ASTM B211 6061-O ≤0.124 20, ≤ -- 0.125-8.000 18 6061-T4, T451 ≤ 0.124 30 -- 0.125-8.000 30 16 18 6061-T42 0.125-8.000 30 14 18 6061-T6, T62, T651 ≤ 0.124 42 -- 0.125-8.000 42 35 10 6061-T89, T94 ≤ 0.374 54 47 - Aluminum 6061 Mechanical Properties - Plate and Sheet Standard Aluminum Alloy and Temper Specified Thickness, in. Tensile Strength, ksi, ≥ (unless otherwise specified) Yield Strength (0.2 % offset), ksi, ≥ (unless otherwise specified) Elongation in 2 in. or 4xDiameter, ≥, % Bend Diameter Factor, N ASTM B209 6061-O 0.006-0.007 ≤22 12.0 10 0 0.008-0.009 12 0 0.010-0.020 14 0 0.021-0.128 16 0 0.129-0.249 18 1 0.250-0.499 18 2 0.500-1.000 18 3 1.001-3.000 16 - 6061-T4 0.006-0.007 30.0 16.0 10 2 0.008-0.009 12 2 0.010-0.020 14 2 0.021-0.249 16 3 0.250-0.499 18 4 0.500-1.000 18 - 6061-T6, T62 0.006-0.007 42.0 35.0 4 2 0.008-0.009 6.0 2 0.010-0.020 8.0 2 0.021-0.036 10.0 3 0.037-0.064 10.0 4 0.065-0.128 10.0 5 0.129-0.249 10.0 6 6061-T62, T651 0.250-0.499 42.0 35.0 10 7 0.500-1.000 42.0 9 - 1.001-2.000 42.0 8 - 2.001-4.000 42.0 6 - 6061 F 0.250-3.000 -- -- Alclad 6061-O 0.010-0.020 ≤20 12.0 14 - 0.021-0.128 ≤20 12.0 16 - 0.129-0.499 ≤20 12.0 18 - 0.500-1.000 ≤22 - 18 - 1.001-3.000 ≤22 - 16 - Alclad 6061-T4 0.010-0.020 27.0 14.0 14 - 0.021-0.249 27.0 14.0 16 - 0.500-1.000 30.0 16.0 18 - 1.001-3.000 30.0 16.0 16 - Alclad 6061-T42 0.010-0.020 27.0 12.0 14 14 - 0.021-0.249 27.0 12.0 16 - 0.250-0.499 27.0 12.0 18 - 0.500-1.000 30.0 14.0 18 - 1.001-3.000 30.0 14.0 16 - Alclad 6061-T6, T62 0.010-0.020 38.0 32.0 8 - 0.021-0.249 38.0 32.0 10 - Alclad 6061-T6, T62 0.250-0.499 38.0 32.0 10 - 0.500-1.000 42.0 35.0 9 - 1.001-2.000 42.0 35.0 8 - 4.001-5.000 40.0 35.0 6 - Alclad 6061 F 0.250-3.000 -- -- Welding of 6061 Aluminum Alloy Al-6061 alloy is easy to weld and connect by various methods. Usually welded with ER4043; For getting the best color matching, ER5356 is recommended. The following table summarizes common similar metal welded joints made using inertial drive FRW. Notes: Metal Loss: The total shortening of the workpiece during the welding process. Total Time: The sum of heating time plus welding time. Inertia-driven friction welding parameters of two 25 mm (1 in.) diameter rods made of similar metals. Work Metal Spindle Speed, Rev/Min 5700 Aluminium Alloy 6061 Axial Force, KN (lbf x 103) 31 (7) Flywheel Size, kg-m2 (lb-ft2) 0.13 (3) Weld Energy, KJ (ft-lbf x 103) 23 (17) Metal Loss, mm (in.) 3.8 (0.15) Total Time, s 1 The following table gives parameters used for inertia welding several common dissimilar material combinations. Note for Axial Force: A force of 22 KN (5000 lbf) is applied during the heating stage of the welding; the force near the end of the weld is subsequently increased to 67 KN (15000 LBF). Inertia-driven friction welding parameters of two 25 mm (1 in.) diameter rods made of dissimilar metals. Work Metal Spindle Speed, Rev/Min 5500 Aluminum 6061 to type 302 stainless Axial Force, KN (lbf x 103) 22 (5) 67 (15) Flywheel Size, kg-m2 (lb-ft2) 0.16 (3.9) Weld Energy, KJ (ft-lbf x 103) 27 (20) Metal Loss, mm (in.) 5.1 (0.2) Total Time, s 3 Effect of welding conditions on the welding strength of AL-6061 alloy Base metal alloy and temper Thickness, mm (in.) Welding process and conditions As-welded only aged after welding Postweld solution heat treated and aged Tensile strength, MPa (ksi) 0.2%, Yield strength, MPa (ksi) Elongation in 51 mm (2 in.), ≥% Tensile strength, MPa (ksi) 0.2%, Yield strength, MPa (ksi) Elongation in 51 mm (2 in.), ≥% 6061-T6 (4043 Filler) 3.2 (1/8) DCEN GTAW, 15 mm/s (35 in./min) 248 (36) 165 (24) 6 -- - 303 (44) 276 (40) 5 6061-T4 (4043 Filler) 3.2 (1/8) DCEN GTAW, 8.5 mm/s (20 in./min) 234 (34) 145 (21) 8 283 (41) 179 (26) 3 303 (44) 276 (40) 5 6061-T6 (4043 Filler) 6.4 (1/4) Automatic GMAW, one pass each side 17 mm/s (40 in./min) 255 (37) 138 (20) 6 -- - 296 (43) 276 (40) 5 6061-T4 (4043 Filler) 76 (3) Automatic GMAW, multipass double-V 172 (25) 90 (13) 10 -- - 234 (34) - 4 6061-T6 (4643 Filler) 76 (3) Automatic GMAW, multipass double-V 186 (27) 97 (14) 13 -- - 310 (45) 276 (40) 4 Typical mechanical properties of gas shielded arc welded butt joints in selected heat-treated heat treatable aluminum alloys. Base alloy and temper Filler alloy As-welded Postweld solution heat treated and aged Tensile strength 0.2% Yield strength, in 50.8 mm (2 in.) Elongation Tensile strength 0.2% Yield strength, in 50.8 mm (2 in.) Elongation MPa (ksi) MPa (ksi) Tensile, ≥% in 50.8 mm (2 in.) Free bend, % AA-6061-T4 4043 186 (27) 124 (18) 8 16 241 (35) ③ 165 (24) ③ ③ - AA-6061-T6 4043 186 (27) 124 (18) 8 16 303 (44) ② 276 (40) ② 5 ② 11 ② AA-6061-T6 5356 207 (30) 131 (19) 11 25 -- -- - Notes: ① Postweld artificially aged only. ② For thicknesses greater than 19 mm (3/4 inch), 4643 filler is required. Heat Treating of Aluminum 6061 Typical Heat Treatments for 6061 Aluminum Alloy Mill Products Aluminum Alloy Product Solution heat treatment Precipitation heat treatment Temper designation Metal temperature, °C (°F) Temper designation Metal temperature, °C (°F) Approx. time at temperature, h AA6061 Sheet 530 (985) T4 160 (320) 18 T6 T42 T62 Plate 530 (985) T4 (tread plate only), T451 160 (320) 18 T6 (tread plate only), T651 T42 160 (320) 18 T62 Rolled or Cold finished Wire, Rod & Bar 530 (985) T4, T3, T4, T4, T451 160 (320). An alternative treatment comprised of 8 hours at 170 (340) also may be used. 18 T6, T89, T913, T94, T651 T42 T62 Extruded Rod, Bar, Profiles and Tube Quenched directly from the extrusion press. T1 175 8 T51 530 (985) T4, T4510, T4511 175 8 T6, T6510, T6511 530 (985) T42 175 8 T6 Pipe 530 (985) T4 175 8 T6 Pipe 530 (985) T4 175 8 T6 Drawn Pipe 530 (985) T4 175 8 T6 Rolled Rings 530 (985) T4 175 8 T6 Rolled Rings 530 (985) T4 175 8 T6 T452 175 8 T652 AA-6061 Annealing Typical full annealing treatment (O condition): The annealing process is an average process. Heat to 415 °C (775 °F) for 2 to 3 hours, then slowly cool (28 °C/hr) to 260 °C (500 °F). The intermediate annealing for removing cold work should be performed at 343 °C (650 °F). Time and cooling rate are not critical. 6061 Aluminium Aging 6061 aluminum alloy sheets, plates, rolled or cold-rolled wire, rods, bars, and drawn tubing are aged to a metal temperature of 160 °C (320 °F) and maintaining it for 18h. Extruded rods, rods, shapes and tubes; dies and hand forgings, rolled rings are aged to a metal temperature of 175 °C (345 °F) and held for 8 hours. Al 6061 Alloy Corrosion Resistance Al 6061 alloy has excellent corrosion resistance to atmospheric conditions and good corrosion resistance to seawater. This alloy also has a good finish and a good reaction to anodic oxidation. However, where appearance is crucial, consider solder carriers 6060 or 6063 alloy. Typical Applications of 6061 Aluminum Alloy Representative applications of 6061 aluminium alloy include aerospace and electrical fixtures, as well as communications. They are also widely used in automated machinery parts, precision machining, mold manufacturing, electronics and precision instruments, SMT, PC board solder carriers, etc. Aerospace: 6061 aluminium alloy can be used to make aircraft skins, fuselage frames, beams, rotors, propellers, fuel tanks, siding and landing gear pillars, as well as rocket forging rings, spacecraft siding, etc. Transportation: 6061 aluminium alloy also used for car, subway car, railway passenger car, high-speed passenger car body structural materials, doors and windows, shelves, automotive engine parts, air conditioners, radiators, body panels, wheels and ship materials. Packaging: Aluminum alloy 6061 is also used as metal packaging materials in the form of thin plates and foils, made into cans, lids, bottles, barrels, packaging foils, which are widely used in packaging of beverages, food, cosmetics, medicines, cigarettes, industrial products, etc. Printing: Mainly used to make PS plates. Aluminum-based PS plates are a new type of material for the printing industry. They are used for automatic plate making and printing. Architectural decoration: alloy 6061 is mainly used in building frames, doors and windows, suspended ceilings, metal curtains, perforated metal sheet, decorative surfaces, etc. Such as various architectural doors and windows, aluminum profiles for curtain walls, aluminum curtain wall panels, profiled panels, checkerboard panels, color coated aluminum panels, etc. Electronic home appliances: 6061 also used in various busbars, wiring, conductors, electrical components, refrigerators, air conditioners, cables and other fields. 6061 Aluminum Alloy Equivalent Aluminum 6061 equivalent to European EN (German DIN EN, British BSI EN, France NF EN), ISO, Japanese JIS and Chinese GB standard (for reference). Notes: DIN 1725-1 has been replaced by DIN EN 573-3. AA-6061 Aluminum Equivalent Material US European Union Germany China Japan ISO Standard Grade (UNS) Standard Grade Standard Grade (chemical symbols) Norm Aluminium name (material number) Standard Grade Standard Grade Standard Grade AA; ASTM B209; ASTM B211; ASTM B221; ASTM B210; ASTM B308/B308M; ASTM B241/B241M 6061 (UNS A96061) SAE AMS 4025; SAE AMS 4026; SAE AMS 4027; SAE AMS 4117 6061 EN 573-3 EN AW-6061 (EN AW-AlMg1SiCu) DIN 1725-1 AlMgSi1Cu (3.3211) GB/T 3190; GB/T 3880.2 6061 JIS H4000; JIS H4040 6061 ISO 209 AW-6061 Aluminum and Aluminum-Alloy Prev Post SS321 AISI 321 Stainless Steel Properties, TP321 321H Composition We use cookies to ensure that we give you the best experience on our website to personalize content and adverts and to analyze our traffic using Google Analytics. Accept Read More