



Standard Specification	Grade/Class/Type	Description
CC01	ASTM A123	Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
CC02	ASTM A143	Specification for Safeguarding Against Embrittlement of Hot-Dip Galvanized Structural Steel Products and Procedure for Detecting Embrittlement
CC03	ASTM A153	Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware
CC04	ASTM A384	Practice for Safeguarding Against Warpage and Distortion During Hot-Dip Galvanizing of Steel Assemblies
CC05	ASTM B633	Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel
CC06	ASTM F1941	Standard Specification for Electrodeposited Coatings on Threaded Fasteners (Unified Inch Screw Threads (UN/UNR))
CC07	ASTM B695	Class 5, Type 1 Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel
CZ01	ASTM A780	Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings
CZ02	ASTM A385	Practice for Providing High-Quality Zinc Coatings (Hot-Dip)
EP01	MIL-DTL-38999	Connectors, Electrical, Circular, Miniature, High Density, Quick Disconnect (Bayonet, Threaded, and Breech Coupling), Environment Resistant, Removable Crimp and Hermetic Solder Contacts, General Specification for
EP02	MIL-DTL-83723	Connectors, Electrical, (Circular, Environment Resisting) Receptacles and Plugs, General Specifications for
EP03	MIL-DTL-26482	Connectors, Electrical, (Circular, Miniature, Quick Disconnect, Environment Resisting), Receptacles and Plugs, General Specifications for
EP04	SAE-AS85049	Connector Accessories, Electrical, Backshell
EP05	MIL-STD-1179	Lamps, Reflectors and Associated Signaling Equipment for Military Vehicles
EP06	MIL-PRF-55629	Circuit Breakers, Magnetic, Unsealed or Panel Seal, Trip-Free, General Specification for
EP07	MIL-PRF-39019	Circuit Breakers, Magnetic, Low-Power, Sealed, Trip-Free, General Specifications for
EP08	MIL-STD-461	Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment
EP09	MIL-STL-3950	Switches, Toggle, Environmentally Sealed, General Specifications for
EP10	MIL-DTL-3432	Cables, (Power and Special Purpose) and Wire, Electrical (300 and 600 Volts)
EP11	ASTM B174	Standard Specification for Bunch-Stranded Copper Conductors for Electrical Conductors
EP12	SAE J1128	Low Voltage Primary Cable
EP13	MIL-DTL-25015	Military Specification for Electrical Circular Connectors with Solder or Removable Crimp Contacts.
EP14	SAE-DTL-23053/4	Insulation Sleeving, Electrical, heat Shrinkable, Polyolefin, Dual Wall, Outer Wall Crosslinked Shield Termination, Solder Type, Insulated, Heat Shrinkable, Environmental Resistant for Cables having Tin or Silver Plated Shields (Class 1)
EP15	SAE-AS83519/1	Connector Accessories, Electrical, Backshell, Straight, Self Loving, Shield Band Termination (RFI/EMI) Shrink Sleeve Accomodation, Category 3B (For AS50151 Crimp, MIL-DTL-26482 Series 2, S81703 Series 3, and MIL-DTL-83723 Series 3 Connectors)
EP16	SAE-AS85049/82	Insulation Sleeving, Electrical, Heat Shrinkable, Polyolefin, Flexible, Crosslinked
EP17	SAE-DTL-23053/5	Military Specification for Switches, Toggle, Environmentally Sealed, General Specification for
EP18	MIL-STL-3950	Military Specification for Connectors, Electrical, Circular Threaded, AN Type, General Specifications for
EP19	MEI-STD-5015	Military Specification for Lights, Indicators, Press to Start
EP20	MIL-L-7961	Military Specification for Insulation Sleeving, Electrical, Heat Shrinkable, Polyvinyl Chloride, Flexible, Crosslinked and Non-crosslinked
EP21	MIL-DTL-23053/2	Military Specification for Insulation Sleeving, Electrical, Heat Shrinkable, Polyvinyl Chloride, Flexible, Crosslinked and Non-crosslinked
FA01	AWS A5.3	Specification for Aluminum and Aluminum-Alloy Electrodes for Shielded Metal Arc Welding
FA02	AWS A5.10	Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods
FC01	AWS A5.1	Specification for Carbon Steel Electrodes for Shielded Metal Arc Welding
FC02	AWS A5.18	Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding
FC03	AWS A5.28	Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding
FS01	AWS A5.9	Specification for Bare Stainless Steel Welding Electrodes and Rods
HN01	A-A-55126	Military Specification for Fastener Tapes, Hook and Loop, Synthetic
HN02	ASTM D6193	Standard Practice for Stiches and Seams
HN03	MIL-F-21840	Military Specification for Fastener Tapes, Hook and Pile, Synthetic
HN04	SAE J1527	Specification for Marine Fuel Hoses



HN05	ASTM D1056	2C2	Standard Specification for Flexible Cellular Materials, Sponge Orexpanded Rubber
HN06	MIL-S-46163A		Military Specification for Sealing, Lubricating, and Wicking Compounds: Thread-Locking, Anaerobic, Single Component
HS01	ASTM F593		Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs
HS02	ASTM F879		Standard Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws
HZ01	ASTM F1554	GR 36	Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength
HZ02	ASTM F1554	GR 55	Standard Specification for Anchor Bolts, Steel, 36, 55, and 105-ksi Yield Strength
HZ03	ASTM A563		Standard Specification for Carbons and Alloy Steel Nuts
HZ04	ASTM A325		Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength
HZ05	SAE J429	GR 5	Mechanical and Material Requirements for Externally Threaded Fasteners
HZ06	SAE J429	GR 8	Mechanical and Material Requirements for Externally Threaded Fasteners
HZ07	SAE J995	GR 5	Mechanical and Material Requirements for Steel Nuts
HZ08	SAE J995	GR8	Mechanical and Material Requirements for Steel Nuts
HZ09	SAE F436		Fastener Part Standard-Washers and Lock Washers
HZ10	ASTM F835		Standard Specification for Alloy Steel Socket Button and Flat Countersunk Head Cap Screws
HZ11	IFI 100/107	GR C	Prevailing-Torque Type Steel Hex and Hex Flange Nuts, Regular and Light Hex Series
HZ12	MS20664		Ball End, Wire Rope, Swaging, Single Shank
HZ13	MIL-DTL-781		General Specifications for Terminal Wire Rope Swaging
HZ14	RR-W-410		Federal Specifications for Wire Rope and Strand
HZ15	MIL-DTL-83420	Galv, Type 1, Comp B	General Specification for Wire Rope for Aircraft Control
HZ16	MIL-DTL-83420	SS, Type 1, Comp B	General Specification for Wire Rope for Aircraft Control
HZ17	ASTM A786		Standard Specification for Hot Rolled Carbon, Low Alloy, High Strength Low Alloy, and Alloy Steel Floor Plates
HZ18	ASTM F1267		Standard Specification for Metal, Expanded Steel
HZ19	ASTM A193	GRD B7	Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications
HZ20	ASTM F1145		Standard Specification for Turnbuckles, Swage, Welded, Forged
HZ21	ASTM A574		Standard Specification for Alloy Steel Socket Head Cap Screws
HZ22	SAE J995	GR 2	Mechanical and Material Requirements for Steel Nuts
HZ23	ASTM A307	GR A	Standard Specification for Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength
HZ24	FF-T-276		Federal Specification for Thimbles and Rope
HZ25	MSS-SP-58	Type 24	Pipe Hangers and Supports - Material, Design, Manufacture, Selection, Application, and Installation
HZ26	ASTM A574	Grd 8	Standard Specification for Alloy Steel Socket-Head Cap Screws
MA01	ASTM B209	6061-T6	Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
MA02	ASTM B209	3003	Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
MA03	ASTM B209	5052-H32	Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
MA04	ASTM B221	6061-T6	Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes
MA05	ASTM B211	6061-T6	Standard Specification for Aluminum and Aluminum Alloy Bar, Rod and Wire
MA06	ASTM B210	6061-T6	Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes
MA07	ASTM B221	6063-T52	Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes
MA08	ASTM B308	6061-T6	Standard Specification for Aluminum Alloy 6061-T6 Standard Structural Profiles
MA09	ASTM B209	5052-H34	Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate
MA10	ASTM B209	5051-T651	Standard Specification for Alluminum and Aluminum Alloy Sheet and Plate
MA11	ASTM B209	6061-T651	Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate
MA12	ASTM B209	2024-T3	Standard Specification for Aluminum and Aluminum Alloy Sheet and Plate
MA13	ASTM B211	6061-T4	Standard Specification for Aluminum and Aluminum Alloy Bar, Rod, and Wire
MA14	ASTM B221	6105-T56	Standard Specification for Aluminum and Aluminum Alloy Extruded Bars, Rod, Wire, Profiles, and Tubes
MA15	ASTM B241	6061-T6	Standard Specification for Aluminum and Aluminum Alloy Seamless Pipe and Seamless Extruded Tube
MB01	ASTM B16	Alloy 360	Standard Specification for Free-Cutting Brass Rod, Bar and Shapes for Use in Screw Machines



MC01	ASTM A53		Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless
MC02	ASTM A500	GR B/C	Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
MC03	ASTM A500	GR B/C 50 KSI Min. Yield	Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
MC04	ASTM A36		Standard Specification for Carbon Structural Steel
MC05	ASTM A1011		Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved Formability
MC06	ASTM A311		Standard Specification for Cold-Drawn, Stress-Relieved Carbon Steel Bars Subject to Mechanical Property Requirements
MC07	ASTM A513		Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing
MC07.1	ASTM A513	Type 1A GR 1008	Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing
MC08	ASTM A106	GR B	Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service
MC09	ASTM A572		Standard Specification for High-Strength Low-Alloy Columbium-Vanadium Structural Steel
MC10	ASTM A108	GR 1018	Standard Specification for Steel Bar, Carbon and Alloy, Cold-Finished
MC11	ASTM F1267		Standard Specification for Metal, Expanded, Steel
MC12	AISI 4130 N		Standard Specification for Chromium Molybdenum Steel Tubing
MC13	ASTM A519		Standard Specification for Seamless Carbon and Alloy Steel Mechanical Tubing
MC14	ASTM A588		Standard Specification for High-Strength Low-Alloy Structural Steel, up to 50 ksi (345 Mpa) Minimum Yield Point, with Atmospheric Resistance
MC15	ASTM A514		Standard Specification for High-Yield-Strength Quenched and Tempered Alloy Steel Plate, Suitable for Welding
MC16	SAE-J403	1055-1065	Standard Specification for Chemical Compositions of SAE Carbon Steel
MC17	ASTM A500	GR A	Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
MC18	ASTM A576	1045	Standard Specification for Steel Bars, Carbon, Hot-Wrought, Special Quality
MC19	ASTM A434		Standard Specification for Steel Bars, Alloy, Hot-Wrought or Cold-Finished, Quenched and Tempered
MC20	ASTM A135		Standard Specification for Electric-Resistance-Welded Steel Pipe
MC21	ASTM A992		Standard Specification for Structural Steel Shapes
MM01	SAE 660	C93200	High Leaded Tin Bronze
MM02	ASTM B505		Standard Specification for Copper Alloy Continuous Casting
MM03	ASTM B581	Type 303	Standard Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Rod
MM04	ASTM F68	Alloy 101	Standard Specification for Oxygen-Free Copper in Wrought Forms for Electrical Devices
MN01	ASTM D4020		Standard Specification for Ultra-High-Molecular-Weight Polyethylene Molding and Extrusion Materials
MN02	ASTM D4976		Standard Specification for Polyethylene Plastics Molding and Extrusion Materials
MN03	ASTM D6712		Standard Specification for Ultra-High-Molecular-Weight Polyethylene (UHMW-PE) Solid Plastic Shapes
MN04	ASTM D2000 BC		Standard Classification System for Rubber Products in Automotive Applications
MN05	ASTM D1056	2A1	Standard Specification for Flexible Cellular Materials - Sponge or Expanded Rubber
MN06	ASTM D1056	2A2	Standard Specification for Flexible Cellular Materials - Sponge or Expanded Rubber
MN07	ASTM D1056	UL94HBF	Standard Specification for Flexible Cellular Materials - Sponge or Expanded Rubber
MN08	SAE-AS83519/1		Shield Termination, Solder Type, Insulated, Heat Shrinkable, Environmental Resistant for Cables having Tin or Silver Plated Shields (Class 1)
MN09	ASTM D6778		Standard Classification System and Basis for Specification for Polyoxylthelene Molding and Extrusion Materials
MN10	ASTM D6778	POM 211	Standard Classification System and Basis for Specification for Polyoxylthelene Molding and Extrusion Materials
MN11	MIL-P-46183		Military Specification for Plastic Molding and Extrusion Material, Polyetheretherketone
MN12	MIL-R-3065		Military Specification for Ribber, Fabricated Products
MN13	ASTM D6262		Standard Specification for Extruded, Compression Molded and Injection Molded Basic Shapes of Poly (arly ether ketone)
MS01	ASTM A564	Typ630 17-4PH	Standard Specification for Hot-Rolled and Cold-Finished Age-Hardening Stainless Steel Bars and Shapes



MS02	ASTM A693	Typ630 17-4PH	Standard Specification for Precipitation-Hardening Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
MS03	ASTM A582	303	Standard Specification for Free-Machining Stainless Steel Bars
MS04	ASTM A276	316	Standard Specification for Stainless Steel Bars and Shapes
MS05	ASTM A240	316	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
MS06	ASTM A269		Standard Specificaiton for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
MS07	ASTM A269	Grd 304	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
MS08	ASTM A182		Standard Specification for Forged or Rolled and Stainless Steel Pipes, Flanges, Forged Fittings and Valves, and parts for High Temperature Service
MS09	ASTM A269	35 ksi min	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
MS10	ASTM A747	Type 17-4PH	Standard Specification for Steel Castings, Stainless Precipitation Hardening
MS11	ASTM A554		Standard Specification for Welded Stainless Steel Mechanical Tubing
MS12	ASTM A554	Type 304L	Standard Specification for Welded Stainless Steel Mechanical Tubing
MS13	ASTM A276	Type 304	Standard Specification for Stainless Steel Bars and Shapes
MS14	ASTM A240	Type 304	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
MS15	ASTM A240	Type 304L	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
MS16	ASTM A484	Type 303	Standard Specification for General Requirements for Stainless Steel Bar, Billets, and Forgings
MS17	ASTM A276	Type 316 L	Standard Specification for Stainless Steel Bars and Shapes
MS18	ASTM A581		Standard Specification for Free-Machining Stainless Steel Wire and Wire Rods
MS19	ASTM A582		Standard Specification for Free-Machining Stainless Steel Bars
MS20	ASTM A484	Type 316 L	Standard Specification for General Requirements for Stainless Steel Bar, Billets, and Forgings
MS21	ASTM A484	6105-T5	Standard Specification for General Requirements for Stainless Steel Bar, Billets, and Forgings
MZ01	ASTM D6100		Standard Specification for Extruded, Compression Molded and Injection Molded Polyoxymethylene Shapes
PS01	ASTM A380		Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
SB01	ANSI TIA 222		Standard for Broadcast Structures
SB02	IBC		International Building Code
SB03	CBC		California Building Code
SB04	AASHTO		Standard Specification for Structural Supports of Highway Signs, Luminaries, and Traffic Signals
SB05	Aluminum Association		Specifications for Aluminum Structures
SC01	MIL-STD-209		Standard for lifting and tiedown provisions
SC02	MS51844E		Detail Specification Sheet for Sleeve, Swaging - Wire Ropes
SN01	MIL-DTL-27166		Military Specification for Valve, Pressure Equalizing, Gaseous Products
SN02	SAE AS26860	Type 2	Specification on Indicator, Humidity, Plug, Color Change
SP01	SAE J592		Sidemarkers Lamps for use on Road Vehicles Less Than 2032MM in Overall Width
SP02	SAE J594		Specifications on Reflex Reflectors
SP03	MIL-STD-704	D	Department of Defense Interface Standard for Aircraft Electric Poser Characteristics
SP04	MIL-STD-704	E	Department of Defense Interface Standard for Aircraft Electric Poser Characteristics
SP05	MIL-STD-704	F	Department of Defense Interface Standard for Aircraft Electric Poser Characteristics
SP06	ASTM B117		Standard Practice for Operating Salt Spray (Fog) Apparatus
SW01	D1.1		Structural Welding Code - Steel
SW02	D1.2		Structural Welding Code - Aluminum
SW03	D1.6		Structural Welding Code - Stainless Steel
SW04	D17.1		Specification for Fusion Welding with Aerospace Applications
TC01	ASTM A275		Standard Practice for Magnetic Particle Examination of Steel Forgings
TN01	ASTM D2983		Standard Test Method for Low-Temperature Viscosity of Lubricants Measured by Brookfield Viscometer



TP01	SAE J553	Standard Specification for Testing Conditions, Procedures, and Performance Requirements of Circuit Breakers Rating up to and including 50A.
TZ01	ASTM E23	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials
TZ02	ASTM E384	Standard Test Method for Knoop and Vickers Hardness of Materials
TZ03	ASTM E165	Standard Practice for Liquid Penetrant Examination for General Industry
TZ04	ASTM E709	Standard Guide for Magnetic Particle Testing
TZ05	ASTM E747	Standard Practice for Design, Manufacture and Material Grouping Classification of Wire Image Quality Indicators (IQI) Used for Radiology
TZ06	ASTM E1025	Standard Practice for Design, Manufacture, and Material Grouping Classification of Hole-Type Image Quality Indicators (IQI) Used for Radiology
TZ07	ASTM B244	Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments
TZ08	ASTM B499	Test Method for Measurement of Coating Thickness by the Magnetic Method: Nonmagnetic Coatings on Magnetic Basis Metals
TZ09	MIL-STD-202	Test Method Standard, Electronic and Electrical Component Parts