

SPEC	REV	TITLE
SAE AIR 851	B	O-ring Tension Testing Calculations
SAE AMS 2175	-	Castings, Classification and Inspection of
SAE AMS 2406	L	Plating ,Chrome, Hard Deposit
SAE AMS 2438	D	Plating ,Chromium, Thin, Hard, Dense Deposit
SAE AMS 2442	A	Magnetic Particle Acceptance Criteria for Parts
SAE AMS 2460	-	Plating Chromium
SAE AMS 2470	M	Anodic Treatment of Aluminum Alloys Chromic Acid Process
SAE AMS 2471	G	Anodic Treatment of Aluminum Sulfuric Acid Process Undyed Coating
SAE AMS 2473	G	Chemical Film Treatment for Aluminum Alloys General Purpose Coating
SAE AMS 2700	E	Passivation of Corrosion Resistant Steels
SAE AMS 2759	E	Heat Treatment of Steel Parts General Requirements
SAE AMS 2759/1	E	Heat Treatment of Carbon and Low-Alloy Steel Parts, Minimum Tensile Strength Below 220 ksi
SAE AMS 2759/5	D	Heat Treatment Martensitic Corrosion Resistant Steel Parts
SAE AMS 2759/6	B	Gas Nitriding and Heat Treatment of Low Alloy Steel Parts
SAE AMS 2770	G	Heat Treatment of Wrought Aluminum Alloy Parts
SAE AMS 2771	D	Heat Treatment of Aluminum Alloy Castings
SAE AMS 2772	F	Heat Treatment of Aluminum Alloy Raw Materials
SAE AMS 3021	D	Reference Fluid for Testing Di-Ester (Polyol) Resistant Materials
SAE AMS 4117	J	Aluminum Alloy, rolled or Cold Finished Bars and Rods, and Wires and Flash Welded Rings
SAE AMS 4120	R	Aluminum Alloy, Rolled or Cold Finished Bars, Rods, and Wires
SAE AMS 4123	H	Aluminum Alloy, Rolled or Cold Finished Bars and Rods, and Wires and Flash Welded Rings (7075-T651)
SAE AMS 4217	H	Aluminum Alloy Castings, 7.0Si, - 0.32Mg (356.0-T6) Solution and Precipitation Heat Treated
SAE AMS 4339	A	Aluminum Alloy, Rolled or Cold Finished Bars and Rods, 4.4Cu-1.5Mg-0.60Mn (2024-T851)
SAE AMS 5529	H	Steel, Corrosion Resistant, Sheet and Strip 17Cr – 7.1Ni – 1.1Al Solution Heat Treated and Cold Rolled, Precipitation Hardenable
SAE AMS 5610	N	Steel, Corrosion and Heat-Resistant, Bars, Wire, and Forgings
SAE AMS 5613	R	Steel, Corrosion and Heat-Resistant, Bars, Wire, and Forgings, Tubing and Rings 12.5Cr (SAE 51410 Annealed
SAE AMS 5630	J	Steel, Corrosion Resistant, Bars, Wire, and Forgings 17Cr-0.52Mo (0.95-1.20C) SAE 51440C)
SAE AMS 5640	U	Steel , Corrosion Resistant, Bars, Wire and Forging 18Cr-9.0Ni Free Machining
SAE AMS 5643	R	Steel, Corrosion Resistant, Bars, Wire and Forging, Tubing and Rings 16Cr-4.0Ni -0.30Cb-4.0Cu
SAE AMS 5648	L	Steel, Corrosion & Heat Resistant Bars Wire, Forging, Tubing and Rings 17Cr-12Ni-2.5 Mo
SAE AMS 5653	G	Steel, Corrosion & Heat Resistant , Bars, Wire, Forging, Tubing and Rings 17Cr-12Ni-2.5Mo(0.030 Max C)
SAE AMS 5732	J	Steel, Corrosion & Heat Resistant Bars Wire, Forging, Tubing and Rings 15Cr-25.5Ni-1.2Mo-2.1Ti-0.006B-0.30V
SAE AMS 5866	D	Steel, Corrosion-Resistant, Flat Wire,18Cr-9.0Ni 18Cr-9.0Ni (SAE30302)Spring Temper
SAE AMS 6274	N	Steel bars, Forging and Tubing 0.50-0.55Ni-0.20Mo (0.18-0.23C).
SAE AMS 6322	N	Steel Bars, Forgings, and Rings 0.50Cr - 0.55Ni – 0.25Mo (0.38 – 0.43C) (SAE 8740)

SAE AMS 6471	G	Steel, Nitriding, Bars, Forgings, and Tubing 1.6Cr – 0.35Mo – 1.13Al (0.38 – 0.43C) Consumable Electrode Vacuum Melted
SAE AMS 7255	C	Rings, Sealing, Tetrafluoroethylene/Propylene Rubber (FEP) Hydraulic Fluid and Synthetic Oil Resistant 70-80
SAE AMS 7257	C	Rings, Sealing, Perfluorocarbon (FFKM) High Temperature Fluid Resistant
SAE AMS 7273	D	Rings, Sealing Fluorosilicone Rubber
SAE AMS 7276	H	Rings, Sealing, Fluorocarbon Rubber
SAE AMS 7379	-	Rubber, Fluorocarbon Elastomer
SAE AMS QQ-A-225/3	-	Aluminum Alloy, Bar, Rod and Wire
SAE AMS-P-5315	A	Butadiene-Acrylonitrile Rubber
SAE AMS-P-83461	-	Packing, Preformed, Petroleum Hydraulic Fluid Resistant
SAE AMS-R-83485	-	Rubber, Fluorocarbon Elastomer
SAE AS 478	N	Identification Marking Methods
SAE AS 568	C	Aerospace Size Standards of O-Rings
SAE AS 871	B	Mfg.& Insp. Standards or Preformed Packing O-rings
SAE AS 8879	D	Screw Threads-UNJ Profile, Inch Controlled Radius Root With Increased Minor Diameter
SAE MA 1370	-	Screw Threads - MJ Profile, Metric
ASTM 1537	2000	Wrought Cobalt 28Chromium-6 Molybdenum Alloys for Surgical Implants
ASTM B117	2011	Standard Practice for Operating Salt Spray Apparatus
ASTM D1414	1994	Standard Test Methods for Rubber O-Rings
ASTM D471	2006	Standard Test Methods for Rubber Property- Effect of Liquids
ASTM D5363	2003	Standard Specification for the Anaerobic Single Component Adhesives
ASTM E1417	2003	Standard Practice for Liquid Penetrant Testing
ASTM E1444	2005	Standard Practice for Magnet Particle Testing
ASTM F30	1996	Standard Specification for Iron-Nickel Sealing Alloys
ISO 3601-3	2005	Fluid power Systems O-Rings
A-A-59167	-	Magnet Materials, Permanent Notice 1
A-A-59588	-	Rubber , Silicone
DOD-PRF-85734	A	Lubricating Oil, Helicopter Transmission System, Synthetic Base
NAS 1613	5	Seal Element, Packing Preformed, Ethylene Propylene Rubber
MIL-A-8625 Amd 1	F	Anodic Treatment of Aluminum Sulfuric Acid Process
MIL-DTL-117	G	Military Specification Bags, Heat- Sealable
MIL-DTL-5541	F	Chemical Conversion Coatings of Aluminum and Aluminum Alloys
MIL-P-25732	C	Packing, Preformed, Petroleum Hydraulic Fluid Resistant, Limited Service at 275° F (135°C)
MIL-PRF-23377	J	Primer Coating: Epoxy, High-Solids
MIL-PRF-23699	F	Lubricating Oil, Aircraft Turbine Engine, Synthetic Base NATO CODE # 0-156

MIL-PRF-5606	H	Hydraulic Fluid, Petroleum Base; Aircraft, Missile, and Ordnance
MIL-PRF-7808	L	Lubricating Oil, Aircraft Turbine Engine, Synthetic Base
MIL-PRF-83282	D	Hydraulic Fluid, Fire Resistant, Synthetic Hydrocarbon Base. Metric NATO Code # H-537
MIL-STD-1907	-	Military Standard: Inspection, Liquid Penetrant and Magnetic Particle, Soundless Requirements for material, Parts and Weldments
MIL-STD-413	C	Visual Inspection Guide for Rubber Elastomeric O-Rings
MSC-417	-	Butadiene-Acrylonitrile Rubber
MSC-427	-	Nitrile Butadiene Rubber
MSC-437	-	Nitrile Butadiene Rubber
MSC-507	-	Fluorocarbon Rubber
MSC-507MS	A	Fluorocarbon Rubber
MSC-516	-	Fluorocarbon Rubber
MSC-517	D	Fluorocarbon Rubber
MSC-526	-	Fluorocarbon Rubber
MSC-527	B	Fluorocarbon Rubber
MSC-537	A	Fluorocarbon Rubber
MSC-547	B	Fluorocarbon Rubber
MSC-547GE	A	Fluorocarbon Rubber
MSC-547HS	B	Fluorocarbon Rubber
MSC-567	B	Fluorocarbon Rubber
MSC-605	-	Silicone Rubber
MSC-606	-	Silicone Rubber
MSC-607	-	Silicone Rubber
MSC-615	-	Silicone Rubber
MSC-616	-	Silicone Rubber
MSC-617	-	Silicone Rubber
MSC-657	C	Fluorocarbon Rubber
MSC-708	C	Ethylene Propylene Copolymer
MSC-807	B	Tetrafluoroethylene/Propylene Rubber
MSC-867	-	Perfluorocarbon Rubber
MSC QCI-102	G	Chrome Plating of Magnet Rings
MSC QCI-104	E	Alnico 5 Permanent Magnet Casting Requirements
MSC QCI-106	A	Stress Relief of Seal Case Blanks
MSC QCI-107	B	Fluorescent Penetrant Inspection
MSC QCI-111	D	Electrolyzing (Chromium Alloy Coating)
MSC QCI-113	G	Tempering of 410 and 416 SS
MSC QCI-114	F	Stress Relief of 400 Series SS and Alloy 42 bar stock

MSC QCI-115	E	Stress Relief of 303,316 and 316L SS
MSC QCI-117	D	Hardness of Electroless Nickel
MSC QCI-137	D	Electrolytic Nickel and Chrome Plating
MSC QCI-141	C	Thin-Dense Chrome Plate, Magnet Mating
MSC QCI-154	B	Thin-Dense Chrome Plate, Magnet , All Over
MSC QCI-159	B	Age Tempering of 17-4 Ph Condition A SS
MSC QCI-166	E	Seal Case Manufacturing Standards
MSC QCI-168	J	Inspection of Magnet Casting
MSC QCI-175	E	Heat Treating of 410 and 416 SS
MSC QCI-199	B	Drawing Interpretation
MSC QCI-207	A	Sulphamate Nickel and Chrome Plating
MSC QCI-217	A	Annealing of Bio Dur CCM Plus Alloy
MSC QCI-234	-	O-Ring Pre-Swell- MIL-PRF-23699
MSC QCI-235	A	O-Ring Pre-Swell- DOD-PRF-85734
MSC QCI-237	-	XADC Armoloy Plate
MSC QCI-238	-	Induction Hardening of 440-C SS Mating Rings