GROUP 10
Weapons

Note-This group includes combat weapons as well as weapon-like noncombat items, such as line throwing devices and pyrotechnic pistols. Also included in this group are weapon neutralizing equipment, such as degaussers, and deception equipment, such as camouflage nets. Excluded from this group are fire control and night devices classifiable in groups 12 or 58.

1055 Launchers, Rocket and Pyrotechnic Includes Airborne Rocket Launchers adaptable to guided missile use. Excludes Specifically Designed Airborne Guided Missile Launchers; Jettisonable Rocket Launchers; Launcher Fairings designed for specific airframes; Rifle Grenade Launchers; Grenade Launchers for Integral-Cartridge Grenades, Single-Shot or Auto-Loading or Automatic Firing.

1095 Miscellaneous Weapons Includes Line Throwing Guns; Catapult Guns; Bayonets; Saluting Guns; Signal Guns; Flare Guns; Barrage Balloons; Accessories, not elsewhere classifiable, for weapons in this group; Expendable Bomb Dispensers.

GROUP 13
Ammunition and Explosives

Note-Excluded from this group are items specially designed for nuclear ordnance application.

1305 Ammunition, through 30mm Includes Components.

1310 Ammunition, over 30mm up to 75mm Includes Components, except Fuzes and Primers; Chemical Warfare Cartridges. Excludes Fuzes and Primers.

1315 Ammunition, 75mm through 125mm Includes Components, except Fuzes and Primers; Pyrotechnic Cartridges and Projectiles; Chemical Warfare Cartridges and Projectiles. Excludes Fuzes and Primers.

1320 Ammunition, over 125mm Includes Components, except Fuzes and Primers; Chemical Warfare Projectiles. Excludes Fuzes and Primers.

1325 Bombs Includes Components; Photoflash Bombs; Chemical Warfare Bombs; Bomb Clusters.
1330 Grenades Includes Components; Hand and Rifle Grenades; Smoke Grenades. Excludes Firing Devices (Launchers).

1336 Guided Missile Warheads and Explosive Components Includes Warheads Containing Military Chemical Agents; Exercise Heads, Guided Missile. Excludes Atomic Ordnance Warheads; All other Warheads for use on other than guided missiles; Liquid Propulsion Units; Rocket Engines (Liquid Propellant Units); JATO Units; Rocket Motors (Solid Propellant Units) for Guided Missiles; Solid Fuel Propulsion Units; Propellant chemicals encased in consumable containers, such as squibs and cartridges for Insertion into missile propulsion systems as integral parts.

1337 Guided Missile and Space Vehicle Explosive Propulsion Units, Solid Fuel; and Components Includes Rocket Motors (Solid Propellant Units) for Guided Missiles, Explosive-Loaded; All Explosive Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units; Solid Propellants encased in consumable containers, such as squibs and cartridges, intended for insertion into missile propulsion systems as integral parts. Excludes Rocket Motors (Solid Propellant Units) for Guided Missiles, Inert-Loaded or Empty; All Inert (Non explosive) Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units; Guided Missile Warheads and Components; Rocket Propulsion Units; Rocket Motors (Solid Propellant Units) for Rockets; Solid Propellants predetermined to specific quantity and quality, but packaged in reusable containers.

1338 Guided Missile and Space Vehicle Inert Propulsion Units, Solid Fuel; and Components Includes Rocket Motors (Solid Propellant Units) for Guided Missiles, Inert-Loaded or Empty; All Inert (Non explosive) Components for Guided Missile and Space Vehicle Solid Fuel Propulsion Units. Excludes Rocket Motors (Solid Propellant Units) for Guided Missiles, Explosive-Loaded; Guided Missile Warheads and Components; Rocket Propulsion Units; Rocket Motors (Solid Propellant Units) for Rockets.

1340 Rockets, Rocket Ammunition and Rocket Components Includes Complete Rounds; Explosive Components, Including Warheads; Pyrotechnic Rockets; Solid Fuel JATO Units; Rocket Motors (Solid Propellant Units) for Rockets; Covers, Protective Rocket Warhead; Jettisonable Rocket Launchers; Conditioning Kits and Sets, Controlled Environment; and other peculiar components which are not classified elsewhere. Excludes Nuclear rockets, Nuclear warheads; all other warheads for use on other than rockets; and rockets with built-in guiding devices.

1345 Land Mines Includes Components; Antipersonnel Mines; Antitank Mines; Fuzes.
1346 Remote Munitions: Munitions items/systems that are not held by the soldier but are deployed for future activation. They may be put in place separately by the soldier or delivered from vehicles or aircraft by mechanical distribution methods. They may be command controlled or may use self–initiated firing systems that do not require soldier monitoring. All items in this class can be armed/disarmed remotely. Remote Munition Items and Systems used singularly or in combination to defeat a variety of threats; Fuzes; Safe and Arming devises; Self Destruction Mechanisms; Communication Modules; Command and Control systems and various other pertinent components.

1350 Underwater Mine and Components, Inert Includes Parachute Packs; Inert Mine Cases; Booster Cans; Clock Delays; Clock Starters; Search Coils; Extenders.

1351 Underwater Mines and Components, Explosive Includes Loaded Cases; Boosters; Detonators.

1352 Underwater Mine Disposal Inert Devices

Note: Version of Underwater Mine Disposal Explosive Device without destructive charge. Intended for underwater mine hunting and reconnaissance. May also be used for training purposes. Includes: Complete operating units, such as an underwater mine reconnaissance device, as well as component parts, practice, training, blank, and dummies. Excludes: Torpedo Inert components, depth charges, and underwater mines.

1353 Underwater Mine Disposal Explosive Devices Note: Complete explosive devices, including destructive charge. It is fired, guided to target and detonated from a vessel or other remote site. Includes Complete explosive device, including ammunition, detonating charge, and component parts. Excludes Underwater Mine Explosive Components (FSC 1351), Torpedo Explosive Components (FSC 1356), Military Chemical Agents (FSC 1365).

1355 Torpedoes and Components, Inert

1356 Torpedoes and Components, Explosive Includes Warheads; Boosters; Detonators.

1360 Depth Charges and Components, Inert Includes Inert Firing Mechanisms; Pistols without Detonators; Extenders.

1361 Depth Charges and Components, Explosive Includes Cases; Boosters; detonators.

1365 Military Chemical Agents Includes War Gases; Screening Smokes; Incendiary and thickening Agents; Signaling Smokes. Excludes Ammunition containing Military Chemical Agents.
1367 Tactical Sets, Kits, and Outfits. A collection of items, which are used for a specific purpose. Each collection must include at least one item of ordnance classified in Group 13. Ordnance may be non-lethal (as defined in the Department of Defense Directive 3000.3). These sets, kits and outfits may include such items as uniforms, weapons, body armor, and the like. By themselves, each of these components belongs in an FSC other than 1367.

1370 Pyrotechnics Includes Flares; Signals; Fireworks; Pistol Rocket Signals. Excludes Pyrotechnic Cartridges and Projectiles; Photoflash Bombs; Pyrotechnic Rockets.

1375 Demolition Materials Includes Items for construction, quarrying and demolition work such as Dynamite and other explosives packed in cylindrical paper cartridges or in bags, Demolition Charges, Blasting Caps, Blasting Time Fuses, Detonating Cord, Demolition Firing Devices; Booby Trap Mechanisms; Bangalore Torpedoes; Inert accessories and components such as Blasting Machines, Priming Adapters, and Detonating Cord Clips. Excludes Liquid Propellant Fuels and Oxidizers; Solid propellants encased in consumable containers, for insertion into missile propulsion systems as integral parts; Guided Missile Explosive Devices; Safety-in-Flight Explosive Items and Devices such as, Impulse Cartridges, Delay Cartridges, Aircraft Ejection Seat Catapults, Aircraft Canopy Removers, and similar items, as shown in the indexes to the FSC, Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Nuclear Ordnance Components; Rocket and Guided Missile Motors, Warheads, and Propulsion Sections.

1376 Bulk Explosives Includes Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Explosive Loaded Devices and Components as shown in the indexes to the FSC. Excludes Liquid Propellant Fuels and Oxidizers; Solid Propellants encased in consumable containers, for insertion into missile propulsion systems as integral parts; Guided Missile Explosive Devices; Blasting and Demolition Materials; Safety-in-Flight Explosive Items and Devices such as Impulse Cartridges, Delay Cartridges, Aircraft Ejection Seat Catapults, Aircraft Canopy Removers; Rocket and Guided Missile Motors, Warheads, and Propulsion Sections; similar items, as shown in the indexes to the FSC.
1377 Cartridge and Propellant Actuated Devices and Components Note-This class includes safety-inflight explosive items, consisting of a quantity of propellant (either encased in a cartridge or in molded form) and a means of activation, designed to be inserted into or attached to one or more devices to provide the energy required to operate devices requiring a time delay, or not requiring a time delay, in their operating sequence. Also included are devices designed to utilize energy generated by the items described above. Includes Impulse Cartridges; Delay Cartridges; Engine Starter Cartridges (explosive filled); Fire Extinguisher Cartridges (used to activate by remote control); Aircraft Ejection Seat Catapults; Rocket Motors (Solid Propellant Units) for Aircraft Ejection Seats; Aircraft Canopy Removers; Thrusters, propellant and cartridge actuated; Initiators; Explosive Bolts and Explosive Bolt Cartridges; Cutters, cartridge or propellant actuated, Reefing Line; Powder actuated Tool Cartridges; Explosive Loaded Devices and Components which are not specifically classified elsewhere. Excludes Liquid Propellant Fuels and Oxidizers; Solid Propellants, encased in consumable containers for insertion into missile propulsion systems as an integral part; Guided Missile Explosive Devices; Bulk and Solid Propellants, predetermined to specific quantity and quality, packaged in reusable containers; Blasting and Demolition Materials; Rocket Motors, Warheads and Propulsion Sections for Rockets and Guided Missiles.

1385 Surface Use Explosive Ordnance Disposal Tools and Equipment Note-This class includes only specialized tools and equipment developed for and used by qualified Explosive Ordnance Disposal (EOD) personnel. Excludes Non specialized or common tools and equipment not developed exclusively for use by qualified EOD personnel; specialized demolition material; explosive loaded shaped charges.

1386 Underwater Use Explosive Ordnance Disposal and Swimmer Weapons Systems Tools and Equipment Note - This class includes only specialized tools and equipment developed for and used by qualified Explosive Ordnance Disposal (EOD), personnel, Underwater Demolition Teams (UDT), and/or Sea-Air-Land (SEAL) personnel Excludes Non specialized or common tools not developed exclusively for use by qualified EOD, UDT, and/or SEAL personnel; specialized demolition material; explosive loaded shaped charges.

1390 Fuzes and Primers Note -This class includes only fuzes and primers for use in ammunition classified in Classes 1310, 1315, and 1320. Excludes Fuzes and Primers for ammunition not classified in Classes 1310, 1315, and 1320.

1395 Miscellaneous Ammunition Includes Ammunition Shapes, such as Blanks, Disks, Slugs, Cups, and Rotating Bands (Shell Bands).
**1398 Specialized Ammunition Handling and Servicing Equipment** Includes Handling and servicing equipment specially designed for use on or with rockets and conventional ammunition. Excludes Handling and servicing equipment specially designed for use on or with rocket and pyrotechnic launchers; Ammunition maintenance and repair shop specialized equipment; Handling equipment specially designed for aircraft or airfield use.

**GROUP 14**
**Guided Missiles**

Note-This group includes missiles (with or without warheads or explosive components) incorporating mechanisms capable of altering normal flight paths. Radar and infrared assemblies and components designed specifically for use with guided missiles are classified in the appropriate classes of this group. Excluded from this group are case sections, nose cones, flare sections, center sections, warheads, explosive components, rockets, and auxiliary components of missiles and reentry vehicles which are designed or constructed for exclusive use with or for housing of nuclear warheads and/or warhead sections. Also excluded are space vehicle nose cones and space capsules specifically designed to carry loads peculiar to space research and space travel.

**1410 Guided Missiles** Note-This class includes only complete guided missiles, with or without warheads and explosive components, whether in assembled or unassembled form. End items, assemblies, parts, attachments, or accessories for use in or on guided missiles are classified in classes other than this class. Includes Complete Drones, initially designed as missiles, but converted to drone use.

**1420 Guided Missile Components** Includes Structural Components; Components and Accessories Specially Designed for use on or with guided missiles, including Complete Gyro Mechanisms, Hydraulic Pumps, Automatic Pilot Mechanisms and Specially Designed Assemblies, and Electronic Guidance Equipment installed in missiles. Excludes Electronic Remote Guidance Equipment used to guide missiles; Solid and Liquid Propellant Units; Components of Gyro Mechanisms.

**1425 Guided Missile Systems, Complete** Note-This class includes only complete guided missile systems. Anything less than a complete system, such as individual end items, assemblies, parts, attachments, or accessories for use in guided missile systems are classified in classes other than this class. Excludes Guided Missile Subsystems.

**1427 Guided Missile Subsystems** Note-This class includes only combinations or assemblies of two or more end items, each of which is properly classified in other classes of this group, identified as single items of supply. Excluded from this class are individual end items, assemblies, subassemblies, attachments, accessories or parts classified in other classes of this group, not combined as single items of supply. Excludes Complete Guided Missile Systems.
1430 Guided Missile Remote Control Systems Note-This class includes airborne and Non airborne guided missile remote control systems, components, and accessories, designed specifically for use therewith. Excluded from this class are fire control Assemblies, subassemblies, and components modified for use with guided missile remote control systems, and fire control assemblies designed specifically for shipboard use. Includes Specially Designed Components of Guided Missile Remote Control Systems. Excludes Guided Missile Internal (Built in) Control Systems; Components used in both guided missiles and other than guided missiles (including fire control components).

1440 Launchers, Guided Missile Includes Airborne and Non airborne Guided Missile Launchers. Excludes Aircraft Launchers; Rocket Launchers.

1450 Guided Missile Handling and Servicing Equipment Includes Specially Designed Trucks and Trailers for use in transporting guided missiles; Specially Designed Slings, Hoists, Jacks, and Blowers; Self-propelled Vehicles and Trailers, Specially Designed for Guided Missile Handling or Servicing; Covers, Guided Missile; Conditioning Kits and Sets, Controlled Environment. Excludes Guided Missile Launchers (FSC 1440); Aircraft Handling and Servicing Equipment (FSC 1730).

GROUP 51
Hand Tools

5110 Hand Tools, Edged, Non-powered Includes Chisels; Files; Pipe Cutters; Rasps; Saws; Screw Plates; Axes; Hatchets; Machetes.

5130 Hand Tools, Power Driven Includes Drills; Riveters; Portable Electric Saws; Pneumatic Tools; Abrasive Wheels, Cones, and other Abrasive Attachments for use only on Hand Held Power Tools.

GROUP 52
Measuring Tools

5210 Measuring Tools, Craftsmen’s Note-This class does not include special inspection gages, which are classified in Class 5220. Includes Calipers; Levels; Micrometers; Plumb Bobs; Precision Tapes; Squares; Angle Gages; Center Gages; Depth Gages; Draw Gages; Drill Point Gages; Fillet and Radius Gages; Glaziers’ Gages; Height Gages (Vernier); Planer Gages; Rivet Selector Gages; Saw Tooth Set Gages; Screw Pitch Gages; Surface Gages; Telescoping Gages; Thickness Gages; Tube Bead Gages; Tube Flare Gages; Twist Drill Gages; Twist Drill and Rod Gages; Twist Drill and Tap Gages; Taper-Wire-Thickness Gages; Wire Gages; Tool Setting Planer and Shaper Gages; Gage Blocks.
5220 Inspection Gages and Precision Layout Tools Note-Special inspection gages are included in this class. Includes Go and Not-Go Gages, including Plug, Ring, Snap, Thread, and Length Gages; Profile Gages; Fixture Gages; Special Inspection Gages.

GROUP 53
Hardware and Abrasives

5305 Screws

5306 Bolts

5307 Studs

5310 Nuts and Washers Note Nuts and washers, including specially designed, are to be classified in this FSC.

a. Nuts are a small metal block made in a variety of shapes such as square and hexagonal which is drilled and internally threaded.

b. Washers are a perforated piece of metal, leather, or other materials of various shapes or forms. They are used primarily as a seat for a bolt, nut, screw, rivets or nail to distribute pressure and prevent endwise motion over an area and/or to prevent Movement between two parts by means of restraining features created by the shape of its edges. Includes Locknuts; Eye Nuts; Plain Nuts; Castellated Nuts; Wing Nuts; Plate Nuts; Push on Nuts; Concave and Convex Washers; Flat Washers; Keyed Washers; Lock Washers; Shouldered Washers; Split Washers. Excludes Bearing Thrust Washers (FSC 3120); Shims (FSC 5365); Ring Spacers (FSC 5365); Plate Spacers (FSC 5365); Lock Rings (FSC 5365).

5325 Fastening Devices Includes Eyelets; Grommets; Aircraft Cowling Fasteners; Textile Fasteners; Retaining Rings; Threaded Inserts.

5330 Packing and Gasket Materials Note This FSC includes only seals and gaskets designed for standard use. Seals, gaskets and packing are made from materials specifically designed and constructed to resist deterioration from the action of heat, gas, chemicals, liquids, and used to fill a cavity and create a tight seal. Similar materials used to make seals, gaskets, and packing are available in bulk form, refer to FSG 93, FSG 80, and FSG 83. Includes General Purpose Oil Grease, Air, Liquid, Gas, and chemical Seals; Oakum; Prefabricated Gaskets and Seals designed for a single specific application. Excludes O-Rings (FSC 5331); Bulk material items, such as; Rubber, Cork, and Asbestos Sheets and Strips (FSG 93); Liquid Gasket Materials (RTV, Permatex, etc.) (FSG 80); RFI and EMI Seals and Gaskets (FSC 5999), and all Seal Retainers.

5331 O-Ring Excludes Packing and Gasket Material (FSC 5330).
5342 Hardware, Weapon System Note Hardware designed for weapon systems unique applications will be classified in this FSC. Includes Adapters; Anchor Plates and Straps; Anodes; Bellows; Couplings; Control Rods; Access Doors; Fairleads; Mounts; Tie Rods; Yokes. Excludes Commercial Hardware (FSC 5340).

5365 Bushings, Rings, Shims, and Spacers Note-All items, including specially designed, will be classified in this FSC.

a. A bushing is cylindrical in shape, hollow, and designed primarily to be inserted into a hole to reduce the effective inside diameter of the hole, and to protect the body structure about the hole from damage resulting from stress, strain, and vibration.

b. A ring is cylindrical in shape, usually flat with a center hole. Rings are multi-applicational. See specific item name for designated usage.

c. A shim is a thin, sometimes tapered, piece of material used to fill in space between things. See specific item name for dimensional parameters.

d. A spacer is a device for holding two members at a given distance from each other. Includes Externally Threaded Rings; Keyed and Serrated Lock Rings; Dee Rings; Instrument Retaining Rings; Shim Sets and Assortments; Plate Spacers; Ring Spacers; Sleeve Spacers; Stepped Spacers; Spacer Sets and Assortments; Sleeve Bushings; Machine Threaded Bushings; Machine Threaded Plugs. Excludes Sleeve Bearings (FSC 3120); Pipe Threaded Plugs (FSC 4730); Piston Rings (FSC 2520, 2805, 2810, 2815, 2825, 2990, 3040, 4310, and 4820); Retaining Rings (FSC 5325); Shim Stock (FSC 9515).

GROUP 69
Training Aids and Devices

Note-Included are computers (including computer assemblies, computer systems and components) designed specifically for use as, or with training aids and devices.

6910 Training Aids Includes Mockups; Cutaway Models; Scale Models; Training Films; Training Aid Maps; Navigational Training Aids; Flight Instrument Training Aids; Aircraft Instrument Training Aids; Vehicle Training Aids; Engine Instrument Training Aids; Hydraulic System Training Aids; Cutaway, Mockup, or Sectionalized Ammunition only; Training Equipment normally used in classroom training. Excludes Drill, Dummy, Exercise, Practice, or Simulated Ammunition and Weapons.

6920 Armament Training Devices Includes Bombing Trainers; Gunnery Trainers; Tow Targets; Gunnery Targets; Guided Missile Training Sets. Excludes Target Drones; Drones for such use as training, surveillance, missile evaluation, and photographic reconnaissance; Atomic Ordnance Training Devices; Training Aids; Drill, Dummy, Exercise, Practice, or Simulated Ammunition and Weapons.
GROUP 81
Containers, Packaging, and Packing
Supplies

Note-A chest, case, box, roll, bag, or other container, when specifically designed for housing of a set, kit, outfit, or individual item (with or without attachments or spares), for its protection when not in use, or for the convenience of the user, is classified in the same class as the item or items for which designed, or in such other class as is appropriate. However, when the chest, case, box, roll, bag, or other container is primarily a shipping container, it is classified in Group 81.

8105 Bags and Sacks Includes Shipping and Protective Envelopes; Liners for Bags and Sacks; Textile and Paper Laminated Shipping Bags; Closures for Bags and Sacks.

8110 Drums and Cans Includes Barrels; Kegs; Shipping and Storage Pails; Collapsible Tubes; Mailing and Filing Tubes; Closures for Drums and Cans.

8115 Boxes, Cartons, and Crates Includes Shoe Boxes; Beer Cases; Pill Boxes; Piano Cases; Engine Boxes; Bombsight Boxes. Excludes Special boxes, packages, and containers designed primarily for shipping, storage, and handling of ammunition, nuclear ordnance, explosives, guided missiles, military chemical agents; and repairable/reusable containers specially designed for specialized equipment such as the Shipping and Storage containers for components of aircraft, space vehicles, automotive vehicles, ships, ground communication equipment.

8120 Commercial and Industrial Gas Cylinders Note-This class includes empty commercial and industrial gas cylinders and their caps, valves, and valve spare parts. Excludes Filled gas cylinders and items related to gaseous and liquefied gaseous dispensing systems, both mobile and installed. All components of installed gas dispensing systems are classified by application or function with the end equipment for which designed.

8125 Bottles and Jars Includes Shipping Jugs and Carboys; Ampoules.

8130 Reels and Spools

8135 Packaging and Packing Bulk Materials Includes Wrapping Paper; Moisture Vapor Barrier Paper; Excelsior; Wadding for Packing; Corrugated Paper; Baling Bands, Baling Ties; Shipping Tags; Gummed Paper Tape; Separators; Box Liners; Packaging Staples; Baling Wire; Preformed Cushioning Inserts. Excludes Adhesives; Aluminum Foil other than for food handling and processing.
8140 Ammunition and Nuclear Ordnance Boxes, Packages and Special Containers

Note - This class includes only containers and fittings which are specifically designed for the storage, handling, and shipping of ammunition, explosives, and military chemical agents. Includes All shipping and storage containers specially designed for guided missiles, major missile sections, missile warheads, and other guided missile components. Excludes General Purpose Containers, Shipping and storage reusable/repairable containers specially designed for components of aircraft, space vehicles, automotive vehicles ships, and ground communication equipment.

8145 Specialized Shipping and Storage Containers Note-This class includes only reusable and repairable containers specially designed for shipping and storage of specialized equipment; i.e., shipping and storage containers for components of aircraft, space vehicles, automotive vehicles, ships, ground communication equipment, etc. Includes Specially designed components (not elsewhere classifiable) peculiar to special shipping and storage containers as delimited under this class. Excludes General purpose containers; specially designed containers for ammunition, nuclear ordnance, explosives, military chemical agents and guided missile components. Excluded from this class are items for which more specific classifications are suitable. The FSC Indexes and Structure will govern the classification of those items permitted classification in a single class only.