List 1

HTSUS Subheading	Product Description
2845.90.00	Isotopes not in heading 2844 and their compounds other than heavy water
4011.30.00	New pneumatic tires, of rubber, of a kind used on aircraft
4012.13.00	Retreaded pneumatic tires, of rubber, of a kind used on aircraft
8401.10.00	Nuclear reactors
8401.20.00	Machinery and apparatus for isotopic separation, and parts thereof
8401.30.00	Fuel elements (cartridges), non-irradiated and parts thereof
8401.40.00	Parts of nuclear reactors
8402.11.00	Watertube boilers with a steam production exceeding 45 tons per hour
8402.12.00	Watertube boilers with a steam production not exceeding 45 tons per hour
8402.19.00	Vapor-generating boilers, including hybrid boilers, other than watertube boilers
8402.20.00	Super-heated water boilers
8402.90.00	Parts of steam- or other vapor-generating boilers
8404.20.00	Condensers for steam or other vapor power units
8404.90.00	Parts for auxiliary plant for use with boilers of heading 8402 and 8403 and condensers for steam or vapor power units
8405.10.00	Producer gas or water gas generators, acetylene gas generators and similar water process gas generators; with or without their purifiers
8405.90.00	Parts for gas generators of subheading 8405.10
8406.10.10	Steam turbines for marine propulsion
8406.10.90	Vapor turbines (other than steam) for marine propulsion
8406.81.90	Vapor turbines (excluding steam turbines) other than for marine propulsion, of an output exceeding 40 MW
8406.82.90	Vapor turbines (excluding steam turbines) other than for marine propulsion, of an output not exceeding 40 MW
8407.10.00	Spark-ignition reciprocating or rotary internal combustion piston engines for use in aircraft
8407.21.00	Marine propulsion spark-ignition reciprocating or rotary internal-combustion piston engines for outboard motors
8407.29.00	Marine propulsion spark-ignition reciprocating or rotary internal-combustion piston engines, nesoi
8408.10.00	Marine propulsion compression-ignition internal-combustion piston engines
8408.90.10	Compression-ignition internal-combustion piston engines, to be installed in agricultural or horticultural machinery or equipment, nesoi
8408.90.90	Compression-ignition internal-combustion piston engines, for machinery or equipment, nesoi
8409.10.00	Parts for internal combustion aircraft engines
8410.11.00	Hydraulic turbines and water wheels of a power not exceeding 1,000 kW
8410.12.00	Hydraulic turbines and water wheels of a power exceeding 1,000 kW but not exceeding 10,000 kW
8410.13.00	Hydraulic turbines and water wheels of a power exceeding 10,000 kW
8410.90.00	Parts, including regulators, of hydraulic turbines and water wheels

HTSUS Subheading	Product Description
8411.11.40	Aircraft turbojets of a thrust not exceeding 25 kN
8411.11.80	Turbojets of a thrust not exceeding 25 kN, other than aircraft
8411.12.40	Aircraft turbojets of a thrust exceeding 25 kN
8411.12.80	Turbojets of a thrust exceeding 25 kN, other than aircraft
8411.21.40	Aircraft turbopropellers of a power not exceeding 1,100 kW
8411.21.80	Turbopropellers of a power not exceeding 1,100 kW, other than aircraft
8411.22.40	Aircraft turbopropellers of a power exceeding 1,100 kW
8411.22.80	Turbopropellers of a power exceeding 1,100 kW, other than aircraft
8411.81.40	Aircraft gas turbines other than turbojets or turbopropellers, of a power not exceeding 5,000 kW
8411.81.80	Gas turbines other than turbojets or turbopropellers, of a power not exceeding 5,000 kW, other than aircraft
8411.82.40	Aircraft gas turbines other than turbojets or turbopropellers, of a power exceeding 5,000 kW
8411.82.80	Gas turbines, other than turbojets or turbopropellers of a power exceeding 5,000 kW, other than aircraft
8411.91.10	Cast-iron parts of turbojets or turbopropellers machined only for removal of fins, gates, etc. or to permit location in machinery
8411.91.90	Parts of turbojets or turbopropellers other than those of subheading 8411.91.10
8411.99.10	Cast-iron parts of gas turbines nesoi, not advanced beyond cleaning, and machined for removal of fins, gates, sprues and risers
8411.99.90	Parts of gas turbines nesoi, other than those of subheading 8411.99.10
8412.10.00	Reaction engines other than turbojets
8412.21.00	Hydraulic power engines and motors, linear acting (cylinders)
8412.29.40	Hydrojet engines for marine propulsion
8412.29.80	Hydraulic power engines and motors, nesoi
8412.31.00	Pneumatic power engines and motors, linear acting (cylinders)
8412.39.00	Pneumatic power engines and motors, other than linear acting
8412.80.10	Spring-operated and weight-operated motors
8412.80.90	Engines and motors, nesoi (excluding motors of heading 8501)
8412.90.10	Parts of hydrojet engines for marine propulsion
8413.19.00	Pumps for liquids fitted or designed to be fitted with a measuring device, nesoi
8413.40.00	Concrete pumps for liquids, not fitted with a measuring device
8413.50.00	Reciprocating positive displacement pumps for liquids, not fitted with a measuring device, nesoi
8413.60.00	Rotary positive displacement pumps for liquids, not fitted with a measuring device, nesoi
8413.70.10	Stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard, not fitted with a measuring device
8413.70.20	Centrifugal pumps for liquids, not fitted with a measuring device, nesoi
8413.81.00	Pumps for liquids, not fitted with a measuring device, nesoi
8413.82.00	Liquid elevators
8413.91.10	Parts of fuel-injection pumps for compression-ignition engines

HTSUS Subheading	Product Description
8413.91.20	Parts of stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard
8413.91.90	Parts of pumps, nesoi
8414.30.40	Compressors of a kind used in refrigerating equipment (including air conditioning) not exceeding 1/4 horsepower
8414.30.80	Compressors of a kind used in refrigerating equipment (incl. air conditioning) exceeding 1/4 horsepower
8414.59.30	Turbocharger and supercharger fans
8414.80.05	Turbocharger and supercharger air compressors
8414.80.20	Gas compressors, nesoi
8414.90.30	Stators and rotors of goods of subheading 8414.30
8414.90.41	Parts of air or gas compressors, nesoi
8414.90.90	Parts of air or vacuum pumps and ventilating or recycling hoods
8416.90.00	Parts for furnace burners, mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances
8417.10.00	Furnaces and ovens for the roasting, melting or other heat treatment of ores, pyrites or of metals
8417.80.00	Industrial or laboratory furnaces and ovens nesoi, including incinerators, nonelectric
8417.90.00	Parts for industrial or laboratory furnaces and ovens, including incinerators, nonelectric
8418.69.01	Refrigerating or freezing equipment nesoi
8419.11.00	Instantaneous gas water heaters, nonelectric
8419.19.00	Storage water heaters, nonelectric
8419.31.00	Dryers for agricultural products, not used for domestic purposes
8419.32.10	Dryers for wood
8419.32.50	Dryers for paper pulp, paper or paperboard
8419.39.01	Dryers, other than of a kind for domestic purposes, nesoi
8419.40.00	Distilling or rectifying plant, not used for domestic purposes
8419.50.10	Brazed aluminum plate-fin heat exchangers
8419.50.50	Heat exchange units, nesoi
8419.60.50	Machinery for liquefying air or gas, nesoi
8419.89.60	Industrial machinery, plant or equip. for the treat. of mat., involving a change in temp., for molten-salt-cooled acrylic acid reactors
8419.90.10	Parts of instantaneous or storage water heaters
8419.90.20	Parts of machinery and plant, for making paper pulp, paper or paperboard
8419.90.30	Parts of heat exchange units
8419.90.50	Parts of molten-salt-cooled acrylic acid reactors, nesoi; parts of certain medical, surgical or laboratory sterilizers, nesoi
8419.90.85	Parts of electromechanical tools for work in the hand, w/self-contained electric motor, for treatment of materials by change in temperature
8419.90.95	Parts of machinery, plant or laboratory equipment for the treatment of materials by a process involving a change of temperature, nesoi

HTSUS Subheading	Product Description
8420.10.90	Calendering or other rolling machines, other than for metals or glass, nesoi
8420.91.10	Cylinders for textile calendering or rolling machines
8420.91.20	Cylinders for paper pulp, paper or paperboard calendering or rolling machines
8420.91.90	Cylinders for calendering and similar rolling machines, nesoi
8420.99.20	Parts of calendering or rolling machines for making paper pulp, paper or paperboard
8420.99.90	Parts of calendering or other rolling machines, other than for metals or glass, nesoi
8421.19.00	Centrifuges, other than cream separators or clothes dryers
8421.21.00	Machinery and apparatus for filtering or purifying water
8421.22.00	Machinery and apparatus for filtering or purifying beverages other than water
8421.29.00	Filtering or purifying machinery and apparatus for liquids, nesoi
8421.39.40	Catalytic converters
8421.39.80	Filtering or purifying machinery and apparatus for gases, other than intake air filters for internal combustion engines or catalytic conv.
8421.91.60	Parts of centrifuges, including centrifugal dryers, nesoi
8421.99.00	Parts for filtering or purifying machinery or apparatus for liquids or gases
8422.19.00	Dishwashing machines other than of the household type
8422.20.00	Machinery for cleaning or drying bottles or other containers
8422.30.11	Can-sealing machines
8422.30.91	Machinery for filling, closing, sealing, capsuling or labeling bottles, cans, boxes or other containers; machinery for aerating beverages; nesoi
8422.40.11	Machinery for packing or wrapping pipe tobacco, candy and cigarette packages; combination candy cutting and wrapping machines
8422.40.91	Packing or wrapping machinery, nesoi
8422.90.06	Parts of dishwashing machines, nesoi
8422.90.91	Parts of packing or wrapping machinery, nesoi
8423.20.10	Scales for continuous weighing of goods on conveyors using electronic means for gauging weights
8423.20.90	Other scales for continuous weighing of goods on conveyors
8423.30.00	Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales
8423.82.00	Weighing machinery having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg
8423.89.10	Weighing machinery with maximum capacity exceeding 5,000 kg, using electronic means for gauging
8423.89.90	Weighing machinery with maximum capacity exceeding 5,000 kg, not using electronic means for gauging nesoi
8423.90.10	Parts of weighing machinery using electronic means for gauging, except parts for weighing motor vehicles
8423.90.90	Other parts of weighing machinery, including weights
8424.89.10	Mechanical appliances for projecting, dispersing or spraying liquids or powders, used for making printed circuits or printed circuit assemblies
8424.90.20	Parts of sand blasting machines

HTSUS Subheading	Product Description
8425.11.00	Pulley tackle and hoists other than skip hoists or hoists used for raising vehicles, powered by electric motor
8425.39.01	Winches nesoi, and capstans, not powered by electric motor
8426.41.00	Derricks, cranes and other lifting machinery nesoi, self-propelled, on tires
8426.49.00	Derricks, cranes and other lifting machinery nesoi, self-propelled, not on tires
8426.99.00	Derricks, cranes and other lifting machinery nesoi
8427.10.40	Self-propelled works trucks powered by an electric motor, rider type forklift trucks
8427.10.80	Self-propelled works trucks powered by an electric motor, fitted with lifting and handling equipment, nesoi
8427.20.40	Self-propelled works trucks not powered by an electric motor, rider type forklift trucks
8427.20.80	Self-propelled works trucks not powered by an electric motor, fitted with lifting and handling equipment, nesoi
8428.20.00	Pneumatic elevators and conveyors
8428.31.00	Continuous-action elevators and conveyors, for goods or materials, specially designed for underground use
8428.32.00	Bucket type continuous-action elevators and conveyors, for goods or materials
8428.33.00	Belt type continuous-action elevators and conveyors, for goods or materials
8428.39.00	Continuous-action elevators and conveyors, for goods or materials, nesoi
8428.90.02	Machinery for lifting, handling, loading or unloading, nesoi
8429.11.00	Self-propelled bulldozers and angledozers, for track laying
8429.19.00	Self-propelled bulldozers and angledozers other than track laying
8429.20.00	Self-propelled graders and levelers
8429.30.00	Self-propelled scrapers
8429.40.00	Self-propelled tamping machines and road rollers
8429.51.10	Self-propelled front-end shovel loaders, wheel-type
8429.51.50	Self-propelled front-end shovel loaders, other than wheel-type
8429.52.10	Self-propelled backhoes, shovels, clamshells and draglines with a 360 degree revolving superstructure
8429.52.50	Self-propelled machinery with a 360 degree revolving superstructure, other than backhoes, shovels, clamshells and draglines
8429.59.10	Self-propelled backhoes, shovels, clamshells and draglines not with a 360 degree revolving superstructure
8429.59.50	Self-propelled machinery not with a 360 degree revolving superstructure, other than backhoes, shovels, clamshells and draglines
8430.10.00	Pile-drivers and pile-extractors
8430.31.00	Self-propelled coal or rock cutters and tunneling machinery
8430.39.00	Coal or rock cutters and tunneling machinery, not self-propelled
8430.41.00	Self-propelled boring or sinking machinery
8430.49.80	Boring or sinking machinery, not self-propelled, nesoi
8430.50.50	Self-propelled machinery for working earth, minerals or ores, nesoi
8430.61.00	Tamping or compacting machinery, not self-propelled
8430.69.01	Machinery for working earth, minerals or ores, not self-propelled, nesoi
8431.10.00	Parts suitable for use solely or principally with the machinery of heading 8425

HTSUS Subheading	Product Description
8431.20.00	Parts suitable for use solely or principally with the machinery of heading 8427
8431.31.00	Parts suitable for use solely or principally with passenger or freight elevators other than continuous action, skip hoists or escalators
8431.39.00	Parts suitable for use solely or principally with the machinery of heading 8428, nesoi
8431.41.00	Buckets, shovels, grabs and grips suitable for use solely or principally with the machinery of headings 8426, 8429, or 8430
8431.42.00	Bulldozer or angledozer blades suitable for use solely or principally with the machinery of heading 8426, 8429 or 8430
8431.43.40	Parts for offshore oil & natural gas, drilling and production platforms
8431.43.80	Parts for boring or sinking machinery of 8430.41 or 8430.49, nesoi
8431.49.10	Parts suitable for use solely or principally with the machinery of heading 8426, nesoi
8431.49.90	Parts suitable for use solely or principally with the machinery of heading 8429 or 8430, nesoi
8432.10.00	Plows for soil preparation or cultivation
8432.21.00	Disc harrows for soil preparation or cultivation
8432.80.00	Agricultural, horticultural or forestry machinery for soil preparation or cultivation, nesoi; lawn or sports ground rollers
8432.90.00	Parts of agricultural, horticultural or forestry machinery for soil preparation or cultivation; parts of lawn or sports ground rollers
8433.20.00	Mowers nesoi, including cutter bars for tractor mounting
8433.30.00	Haymaking machinery other than mowers
8433.40.00	Straw or fodder balers, including pick-up balers
8433.51.00	Combine harvester-threshers
8433.52.00	Threshing machinery other than combine harvester-threshers
8433.53.00	Root or tuber harvesting machines
8433.59.00	Harvesting machinery or threshing machinery, nesoi
8433.60.00	Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce
8433.90.50	Parts for machinery of heading 8433, nesoi
8434.20.00	Dairy machinery other than milking machines
8434.90.00	Parts for milking machines and dairy machinery
8436.10.00	Machinery for preparing animal feeds
8436.21.00	Poultry incubators and brooders
8436.29.00	Poultry-keeping machinery
8436.80.00	Agricultural, horticultural, forestry or bee-keeping machinery, nesoi
8436.91.00	Parts of poultry-keeping machinery or poultry incubators and brooders
8436.99.00	Parts for agricultural, horticultural, forestry or bee-keeping machinery, nesoi
8437.10.00	Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables
8437.80.00	Machinery used in the milling industry or for the working of cereals or dried leguminous vegetables, other than farm type machinery
8437.90.00	Parts for machinery used in the milling industry or for cleaning, sorting, grading or working of cereals or dried leguminous vegetables
8438.50.00	Machinery for the preparation of meat or poultry, nesoi
8438.60.00	Machinery for the preparation of fruits, nuts or vegetables, nesoi

HTSUS Subheading	Product Description
8438.80.00	Machinery for the industrial preparation or manufacture of food or drink, nesoi
8438.90.90	Parts of machinery for the industrial preparation or manufacture of food or drink, other than sugar manufacturing, nesoi
8439.10.00	Machinery for making pulp of fibrous cellulosic material
8439.20.00	Machinery for making paper or paperboard
8439.30.00	Machinery for finishing paper or paperboard
8439.91.10	Bed plates, roll bars and other stock-treating parts of machinery for making pulp of fibrous cellulosic materials
8439.91.90	Parts of machinery for making pulp of fibrous cellulosic materials, nesoi
8439.99.10	Parts of machinery for making paper or paperboard
8439.99.50	Parts of machinery for finishing paper or paperboard
8441.20.00	Machines for making bags, sacks or envelopes of paper pulp, paper or paperboard
8441.30.00	Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by molding, of paper pulp, paper or paperboard
8441.40.00	Machines for molding articles in paper pulp, paper or paperboard
8441.80.00	Machinery for making up paper pulp, paper or paperboard, nesoi
8441.90.00	Parts for machinery used in making up paper pulp, paper or paperboard, including cutting machines
8442.30.01	Machinery, apparatus and equipment of heading 8442
8442.40.00	Parts of the machinery, apparatus or equipment of subheadings 8442.10, 8442.20 and 8442.30
8443.11.10	Reel-fed offset printing machinery, double-width newspaper printing presses
8443.11.50	Reel-fed offset printing machinery, other than double-width newspaper printing presses
8443.12.00	Sheet-fed offset printing machinery, office type (sheet size not exceeding 22 X 36 cm)
8443.13.00	Offset printing machinery, nesoi
8443.14.00	Letterpress printing machinery, excluding flexographic printing, reel-fed
8443.17.00	Gravure printing machinery
8443.19.30	Printing machinery, nesoi
8443.91.10	Machines for uses ancillary to printing
8443.99.20	Parts of printer units of subheading 8443.32.10 specified in additional U.S. note 2 to this chapter
8443.99.45	Parts and accessories of copying machines; nesoi
8444.00.00	Machines for extruding, drawing, texturing or cutting man-made textile materials
8454.10.00	Converters of a kind used in metallurgy or in metal foundries
8454.30.00	Casting machines, of a kind used in metallurgy or in metal foundries
8454.90.00	Parts of converters, ladles, ingot molds and casting machines, of a kind used in metallurgy or in metal foundries
8455.10.00	Metal-rolling tube mills
8455.21.00	Metal-rolling mills, other than tube mills, hot or combination hot and cold
8455.22.00	Metal-rolling mills, other than tube mills, cold
8455.30.00	Rolls for metal-rolling mills
8455.90.80	Parts for metal-rolling mills, other than rolls, nesoi

HTSUS Subheading	Product Description
8456.11.10	Machine tools operated by laser, for working metal
8456.11.70	Machine tools operated by laser, of a kind used solely or principally for manufacture of printed circuits
8456.11.90	Machine tools operated by laser, nesoi
8456.12.10	Machine tools operated by light or photon beam processes, for working metal
8456.12.70	Machine tools operated by light or photon beam processes, of a kind used solely or principally for the manufacture of printed circuits
8456.12.90	Machine tools operated by light or photon beam processes, nesoi
8456.20.10	Machine tools operated by ultrasonic processes, for working metal
8456.20.50	Machine tools operated by ultrasonic processes, other than for working metal
8456.30.10	Machine tools operated by electro-discharge processes, for working metal
8456.30.50	Machine tools operated by electro-discharge processes, other than for working metal
8456.40.10	Machine tools operated by plasma arc process, for working metal
8456.40.90	Machine tools operated by plasma arc process, other than for working metal
8456.50.00	Water-jet cutting machines
8456.90.31	Machine tools operated by electro-chemical or ionic-beam processes, for working metal
8456.90.71	Machine tools operated by electro-chemical or ionic-beam processes, other than for working metal
8457.10.00	Machining centers for working metal
8457.20.00	Unit construction machines (single station), for working metal
8457.30.00	Multistation transfer machines for working metal
8458.11.00	Horizontal lathes (including turning centers) for removing metal, numerically controlled
8458.19.00	Horizontal lathes (including turning centers) for removing metal, other than numerically controlled
8458.91.10	Vertical turret lathes (including turning centers) for removing metal, numerically controlled
8458.91.50	Lathes (including turning centers), other than horizontal or vertical turret lathes, for removing metal, numerically controlled
8458.99.10	Vertical turret lathes (including turning centers) for removing metal, other than numerically controlled
8458.99.50	Lathes (including turning centers), other than horizontal or vertical turret lathes, for removing metal, other than numerically controlled
8459.10.00	Way-type unit head machines for drilling, boring, milling, threading or tapping by removing metal, other than lathes of heading 8458
8459.21.00	Drilling machines, numerically controlled, nesoi
8459.31.00	Boring-milling machines, numerically controlled, nesoi
8459.39.00	Boring-milling machines, other than numerically controlled, nesoi
8459.41.00	Boring machines, numerically controlled, nesoi
8459.49.00	Boring machines, not numerically controlled, nesoi
8459.51.00	Milling machines, knee type, numerically controlled, nesoi
8459.61.00	Milling machines, other than knee type, numerically controlled, nesoi

HTSUS Subheading	Product Description
8459.69.00	Milling machines, other than knee type, other than numerically controlled, nesoi
8459.70.40	Other threading or tapping machines, numerically controlled
8459.70.80	Other threading or tapping machines nesoi
8460.12.00	Flat-surface grinding machines, numerically controlled
8460.19.01	Flat-surface grinding machines, not numerically controlled
8460.22.00	Centerless grinding machines, numerically controlled
8460.23.00	Other cylindrical grinding machines, numerically controlled
8460.24.00	Other grinding machines, numerically controlled
8460.29.01	Other grinding machines, other than numerically controlled
8460.31.00	Sharpening (tool or cutter grinding) machines for working metal or cermets, numerically controlled
8460.40.40	Honing or lapping machines for working metal or cermets, numerically controlled
8460.40.80	Honing or lapping machines for working metal or cermets, other than numerically controlled
8460.90.40	Other machine tools for deburring, polishing or otherwise finishing metal or cermets, nesoi, numerically controlled
8460.90.80	Other machine tools for deburring, polishing or otherwise finishing metal or cermets, nesoi, other than numerically controlled
8461.20.40	Shaping or slotting machines for working by removing metal or cermets, numerically controlled
8461.20.80	Shaping or slotting machines for working by removing metal or cermets, other than numerically controlled
8461.30.40	Broaching machines for working by removing metal or cermets, numerically controlled
8461.30.80	Broaching machines for working by removing metal or cermets, other than numerically controlled
8461.40.10	Gear cutting machines for working by removing metal or cermets
8461.40.50	Gear grinding or finishing machines for working by removing metal or cermets
8461.50.40	Sawing or cutting-off machines for working by removing metal or cermets, numerically controlled
8461.90.30	Machine-tools for working by removing metal or cermets, nesoi, numerically controlled
8461.90.60	Machine-tools for working by removing metal or cermets, nesoi, other than numerically controlled
8462.10.00	Forging or die-stamping machines (including presses) and hammers
8462.21.00	Bending, folding, straightening or flattening machines (including presses) numerically controlled for working metal or metal carbides
8462.29.00	Bending, folding, straightening or flattening machines (including presses) not numerically controlled for working metal or metal carbides
8462.31.00	Shearing machines (incl. presses), excl. combined punching & shearing machines, numerically controlled for working metal or metal carbides
8462.39.00	Shearing machines (incl. presses), excl. combined punch & shearing machines, nt numerically controlled for working metal or metal carbides

HTSUS Subheading	Product Description
8462.41.00	Punch/notch machines (incl. presses), incl. combined punch & shearing machines, numerically controlled for working metal or metal carbides
8462.49.00	Punch/notch machines (incl. presses), incl. combined punch & shear machines, not numerically controlled for working metal or metal carbides
8462.91.40	Hydraulic presses, numerically controlled
8462.91.80	Hydraulic presses, not numerically controlled
8462.99.40	Machine tools (including nonhydraulic presses) for working metal or metal carbides, nesoi, numerically controlled
8462.99.80	Machine tools (including nonhydraulic presses) for working metal or metal carbides, nesoi, not numerically controlled
8463.10.00	Draw-benches for bars, tubes, profiles, wire or the like, for working metal or cermets, without removing material
8463.20.00	Thread rolling machines for working metal or cermets, without removing material
8463.30.00	Machines for working wire of metal or cermets, without removing material
8463.90.00	Machine tools for working metal or cermets, without removing material, nesoi
8464.20.01	Grinding or polishing machines for working stone, ceramics, concrete, asbestos-cement or like mineral materials, or glass, nesoi
8464.90.01	Machine tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold working glass, nesoi
8465.10.00	Machines for working certain hard materials which can carry out different types of machining operations w/o tool change between operations
8465.92.00	Planing, milling or molding (by cutting) machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials
8465.93.00	Grinding, sanding or polishing machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials
8465.94.00	Bending or assembling machines for working wood, cork, bone hard rubber, hard plastics or similar hard materials
8465.99.02	Machine tools for working wood, cork, bone, hard rubber, hard plastics and similar hard materials, nesoi
8466.10.01	Tool holders and self-opening dieheads for use solely or principally with machines of headings 8456 to 8465, nesoi
8466.20.10	Work holders for machine tools used in cutting gears
8466.20.80	Work holders for machine tools other than those used in cutting gears, nesoi
8466.30.10	Dividing heads for use solely or principally for machine tools of headings 8456 to 8465
8466.30.60	Special attachments (which are machines) use solely or principally for machines of heading 8456 to 8465, excluding dividing heads, nesoi
8466.91.50	Parts and accessories nesoi, for machines of heading 8464
8466.92.10	Cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8465
8466.92.50	Parts and accessories nesoi, for machines of heading 8465
8466.93.11	Certain parts for water-jet cutting machines
8466.93.30	Certain specified parts and accessories of metal working machine tools for cutting gears
8466.93.53	Certain specified parts and accessories for machines of heading 8456 to 8461, nesoi

HTSUS Subheading	Product Description
8466.93.60	Other cast-iron parts not advanced beyond cleaning and specifically machined, for metalworking machine tools for cutting, etc.
8466.93.75	Other parts and accessories of metal working machine tools for cutting gears
8466.93.96	Parts & accessories for machines of heading 8456 to 8461 used to make printed circuits or PCAs, parts of heading 8517 or computers
8466.93.98	Other parts and accessories for machines of heading 8456 to 8461, nesoi
8466.94.20	Certain specified cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8462 or 8463
8466.94.40	Other cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8462 or 8463
8466.94.65	Other specified parts and accessories for machines of heading 8462 or 8463, nesoi
8466.94.85	Other parts and accessories for machines of heading 8462 or 8463, nesoi
8467.11.10	Tools for working in the hand, pneumatic, rotary type, suitable for metal working
8467.11.50	Tools for working in the hand, pneumatic, rotary type, other than suitable for metal working
8468.20.50	Gas-operated machinery, apparatus and appliances, not hand-directed or -controlled, used for soldering, brazing, welding or tempering, nesoi
8468.80.50	Machinery and apparatus other than hand-directed or -controlled, used for soldering, brazing or welding, not gas-operated
8471.70.30	ADP magnetic disk drive storage units, disk dia. ov 21 cm, nesoi, not entered with the rest of a system
8471.70.40	ADP magnetic disk drive storage units, disk dia. n/ov 21 cm, not in cabinet, w/o attached external power supply, n/entered w/rest of a system
8471.70.60	ADP storage units other than magnetic disk, not in cabinets for placing on a table, etc., not entered with the rest of a system
8471.70.90	ADP storage units other than magnetic disk drive units, nesoi, not entered with the rest of a system
8473.30.20	Parts and accessories of the ADP machines of heading 8471, not incorporating a CRT, parts and accessories of printed circuit assemblies
8473.40.10	Printed circuit assemblies for automatic teller machines of subheading 8472.90.10
8473.40.86	Other parts and accessories of machines of heading 8472, nesoi
8473.50.30	Printed circuit assemblies suitable for use with machines of two or more of the headings 8469 to 8472
8474.10.00	Sorting, screening, separating or washing machines for earth, stones, ores or other mineral substances in solid form
8474.20.00	Crushing or grinding machines for earth, stones, ores or other mineral substances
8474.31.00	Concrete or mortar mixers
8474.32.00	Machines for mixing mineral substances with bitumen
8474.39.00	Mixing or kneading machines for earth, stones, ores or other mineral substances, nesoi
8474.80.00	Machinery for agglomerating, shaping or molding solid mineral fuels, or other mineral products; machines for forming sand foundry molds
8474.90.00	Parts for the machinery of heading 8474

HTSUS Subheading	Product Description
8475.10.00	Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes
8475.21.00	Machines for making glass optical fibers and preforms thereof
8475.90.10	Parts of machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes
8475.90.90	Parts of machines for manufacturing or hot working glass or glassware
8477.10.30	Injection-molding machines for manufacturing shoes of rubber or plastics
8477.10.40	Injection-molding machines for use in the manufacture of video laser discs
8477.10.90	Injection-molding machines of a type used for working or manufacturing products from rubber or plastics, nesoi
8477.20.00	Extruders for working rubber or plastics or for the manufacture of products from these materials, nesoi
8477.30.00	Blow-molding machines for working rubber or plastics or for the manufacture of products from these materials
8477.40.01	Vacuum-molding and other thermoforming machines for working rubber or plastics or for manufacture of products from these materials, nesoi
8477.51.00	Machinery for molding or retreading pneumatic tires or for molding or otherwise forming inner tubes
8477.80.00	Machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi
8477.90.25	Base, bed, platen and specified parts of machinery for working rubber or plastics or for manufacture of products from these material, nesoi
8477.90.45	Barrel screws of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi
8477.90.65	Hydraulic assemblies of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi
8477.90.85	Parts of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi
8479.10.00	Machinery for public works, building or the like, nesoi
8479.20.00	Machinery for the extraction or preparation of animal or fixed vegetable fats or oils, nesoi
8479.30.00	Presses for making particle board or fiber building board of wood or other ligneous materials, and mach. for treat. wood or cork, nesoi
8479.40.00	Rope- or cable-making machines nesoi
8479.50.00	Industrial robots, not elsewhere specified or included
8479.81.00	Machines and mechanical appliances for treating metal, including electric wire coil-winders, nesoi
8479.82.00	Machines for mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring, nesoi
8479.89.83	Machines for the manufacture of optical media
8479.89.92	Automated electronic component placement machines for making printed circuit assemblies
8479.90.94	Parts of machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84, nesoi
8480.20.00	Mold bases

HTSUS Subheading	Product Description
8480.30.00	Molding patterns
8480.41.00	Molds for metal or metal carbides, injection or compression types
8480.49.00	Molds for metal or metal carbides other than injection or compression types
8480.50.00	Molds for glass
8480.71.10	Molds for rubber or plastics, injection or compression types, for shoe machinery
8480.71.40	Injection or compression type molds for rubber or plastics for the manufacture of semiconductor devices
8480.71.80	Molds for rubber or plastics, injection or compression types, other than for shoe machinery or for manufacture of semiconductor devices
8481.10.00	Pressure-reducing valves for pipes, boiler shells, tanks, vats or the like
8481.20.00	Valves for oleohydraulic or pneumatic transmissions
8481.30.20	Check valves of iron or steel for pipes, boiler shells, tanks, vats or the like
8481.30.90	Check valves other than of copper or iron or steel, for pipes, boiler shells, tanks, vats or the like
8481.40.00	Safety or relief valves for pipes, boiler shells, tanks, vats or the like
8481.90.90	Parts of taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, nesoi
8482.10.50	Ball bearings other than ball bearings with integral shafts
8482.20.00	Tapered roller bearings, including cone and tapered roller assemblies
8482.30.00	Spherical roller bearings
8482.40.00	Needle roller bearings
8482.50.00	Cylindrical roller bearings nesoi
8482.80.00	Ball or roller bearings nesoi, including combined ball/roller bearings
8482.91.00	Balls, needles and rollers for ball or roller bearings
8482.99.05	Inner or outer rings or races for ball bearings
8482.99.15	Inner or outer rings or races for taper roller bearings
8482.99.25	Inner or outer rings or races for other bearings, nesoi
8482.99.35	Parts of ball bearings (including parts of ball bearings with integral shafts), nesoi
8482.99.45	Parts of tapered roller bearings, nesoi
8482.99.65	Parts of other ball or roller bearings, nesoi
8483.30.40	Bearing housings of the flange, take-up, cartridge and hanger unit type
8483.40.10	Torque converters
8483.40.30	Fixed, multiple and variable ratio speed changers, imported for use with machines for making cellulosic pulp, paper or paperboard
8483.40.80	Ball or roller screws
8483.40.90	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements entered separately
8483.50.60	Flywheels, nesoi
8483.50.90	Pulleys, including pulley blocks, nesoi
8483.60.40	Clutches and universal joints
8483.90.10	Chain sprockets and parts thereof
8483.90.20	Parts of flange, take-up, cartridge and hanger units

HTSUS Subheading	Product Description
8483.90.30	Parts of bearing housings and plain shaft bearings, nesoi
8483.90.70	Parts of articles of subheading 8483.20
8483.90.80	Parts of transmission equipment, nesoi
8484.10.00	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal
8484.20.00	Mechanical seals
8484.90.00	Sets or assortments of gaskets and similar joints dissimilar in composition, put up in pouches, envelopes or similar packings
8487.10.00	Ships' or boats propellers and blades therefor
8487.90.00	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features and other parts nesoi
8501.10.40	Electric motors of an output of under 18.65 W, other than synchronous valued not over $4 each
8501.20.20	Universal AC/DC motors of an output exceeding 37.5 W but not exceeding 74.6 W
8501.20.50	Universal AC/DC motors of an output exceeding 735 W but under 746 W
8501.20.60	Universal AC/DC motors of an output of 746 W or more
8501.31.20	DC motors nesoi, of an output exceeding 37.5 W but not exceeding 74.6 W
8501.31.50	DC motors, nesoi, of an output exceeding 735 W but under 746 W
8501.31.60	DC motors nesoi, of an output of 746 W but not exceeding 750 W
8501.32.45	DC motors nesoi, of an output exceeding 14.92 kW but not exceeding 75 kW, used as primary source of mechanical power for electric vehicles
8501.32.55	DC motors nesoi, of an output exceeding 14.92 kW but not exceeding 75 kW, nesoi
8501.33.40	DC motors nesoi, of an output exceeding 150 kW but not exceeding 375 kW
8501.33.60	DC generators of an output exceeding 75 kW but not exceeding 375 kW
8501.34.30	DC motors nesoi, of an output exceeding 375 kW
8501.34.60	DC generators of an output exceeding 375 kW
8501.51.20	AC motors nesoi, multi-phase, of an output exceeding 37.5 W but not exceeding 74.6 W
8501.51.40	AC motors, nesoi, multi-phase, of an output exceeding 74.6 W but not exceeding 735 W
8501.51.50	AC motors, nesoi, multi-phase, of an output exceeding 735 W but under 746 W
8501.51.60	AC motors nesoi, multi-phase of an output of 746 W but not exceeding 750 W
8501.52.80	AC motors nesoi, multi-phase, of an output exceeding 14.92 kW but not exceeding 75 kW
8501.53.40	AC motors nesoi, multi-phase, of an output exceeding 75 kW but under 149.2 kW
8501.53.80	AC motors nesoi, multi-phase, of an output exceeding 150 kW
8501.62.00	AC generators (alternators) of an output exceeding 75 kVA but not exceeding 375 kVA
8501.63.00	AC generators (alternators) of an output exceeding 375 kVA but not exceeding 750 kVA
8501.64.00	AC generators (alternators) of an output exceeding 750 kVA
8502.11.00	Electric generating sets with compression-ignition internal-combustion piston engines, of an output not exceeding 75 kVA

HTSUS Subheading	Product Description
8502.12.00	Electric generating sets with compression-ignition internal-combustion piston engines, of an output exceeding 75 kVA but not over 375 kVA
8502.13.00	Electric generating sets with compression-ignition internal-combustion piston engines, of an output exceeding 375 kVA
8502.31.00	Wind-powered electric generating sets
8502.39.00	Electric generating sets, nesoi
8502.40.00	Electric rotary converters
8503.00.20	Commutators suitable for use solely or principally with the machines of heading 8501 or 8502
8503.00.35	Parts of electric motors under 18.65 W, stators and rotors
8503.00.45	Stators and rotors for electric generators for use on aircraft
8503.00.65	Stators and rotors for electric motors & generators of heading 8501, nesoi
8503.00.75	Parts of electric motors under 18.65 W, other than commutators, stators or rotors
8503.00.90	Parts for electric generators suitable for use on aircraft
8504.21.00	Liquid dielectric transformers having a power handling capacity not exceeding 650 kVA
8504.22.00	Liquid dielectric transformers having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA
8504.23.00	Liquid dielectric transformers having a power handling capacity exceeding 10,000 kVA
8504.32.00	Electrical transformers other than liquid dielectric, having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA
8504.33.00	Electrical transformers other than liquid dielectric, having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA
8504.34.00	Electrical transformers other than liquid dielectric, having a power handling capacity exceeding 500 kVA
8504.40.40	Electrical speed drive controllers for electric motors (static converters)
8504.90.41	Parts of power supplies (other than printed circuit assemblies) for automatic data processing machines or units thereof of heading 8471
8504.90.65	Printed circuit assemblies of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus
8504.90.75	Printed circuit assemblies of electrical transformers, static converters and inductors, nesoi
8504.90.96	Parts (other than printed circuit assemblies) of electrical transformers, static converters and inductors
8505.19.10	Flexible permanent magnets, other than of metal
8505.20.00	Electromagnetic couplings, clutches and brakes
8505.90.30	Electromagnetic lifting heads
8505.90.40	Electromagnetic or permanent magnet work holders and parts thereof
8505.90.70	Electromagnets used for MRI
8505.90.75	Other electromagnets and parts thereof, and parts of related electromagnetic articles nesoi
8506.40.10	Silver oxide primary cells and primary batteries having an external volume not exceeding 300 cubic cm

HTSUS Subheading	Product Description
8506.40.50	Silver oxide primary cells and primary batteries having an external volume exceeding 300 cubic cm
8506.50.00	Lithium primary cells and primary batteries
8506.60.00	Air-zinc primary cells and primary batteries
8506.90.00	Parts of primary cells and primary batteries
8507.90.80	Parts of storage batteries, including separators therefor, other than parts of lead-acid storage batteries
8514.10.00	Resistance heated industrial or laboratory furnaces and ovens
8514.20.60	Industrial or laboratory microwave ovens, nesoi
8514.20.80	Industrial or laboratory furnaces and ovens (other than microwave) functioning by induction or dielectric loss
8514.30.10	Industrial furnaces and ovens for making printed circuits or printed circuit assemblies
8514.30.90	Industrial or laboratory electric industrial or laboratory furnaces and ovens nesoi
8514.40.00	Industrial or laboratory induction or dielectric heating equipment nesoi
8514.90.80	Parts of industrial or laboratory electric furnaces and ovens and other industrial or laboratory induction or dielectric heating equipment
8515.11.00	Electric soldering irons and guns
8515.19.00	Electric brazing or soldering machines and apparatus, other than soldering irons and guns
8515.21.00	Electric machines and apparatus for resistance welding of metal, fully or partly automatic
8515.29.00	Electric machines and apparatus for resistance welding of metal, other than fully or partly automatic
8515.31.00	Electric machines and apparatus for arc (including plasma arc) welding of metals, fully or partly automatic
8515.39.00	Electric machines and apparatus for arc (including plasma arc) welding of metals, other than fully or partly automatic
8515.80.00	Electric welding apparatus nesoi, and electric machines and apparatus for hot spraying metals or sintered metal carbides
8515.90.20	Parts of electric welding machines and apparatus
8515.90.40	Parts of electric soldering or brazing machines & apparatus, & electric apparatus for hot spraying of metals or sintered metal carbides
8525.50.70	Transmission apparatus for radiobroadcasting
8525.60.10	Transceivers
8525.60.20	Transmission apparatus incorporating reception apparatus, other than transceivers
8525.80.10	Television cameras, gyrostabilized
8525.80.20	Television cameras, studio type, other than shoulder-carried or other portable cameras
8526.10.00	Radar apparatus
8526.91.00	Radio navigational aid apparatus, other than radar
8526.92.50	Radio remote control apparatus other than for video game consoles
8527.99.15	Radio receivers, NESOI
8527.99.40	Reception apparatus for radiobroadcasting, NESOI

HTSUS Subheading	Product Description
8529.10.40	Radar, radio navigational aid and radio remote control antennas and antenna reflectors, and parts suitable for use therewith
8529.90.05	PCBs and ceramic substrates and subassemblies thereof, for color TV, with components listed in add. US note 4, chap. 85
8529.90.06	PCBs and ceramic substrates and subassemblies thereof, for color TV, not with components listed in add. US note 4, chap. 85
8529.90.09	Printed circuit assemblies for television cameras
8529.90.16	Printed circuit assemblies which are subassemblies of radar, radio nav. aid or remote control apparatus, of 2 or more parts joined together
8529.90.19	Printed circuit assemblies, nesoi, for radar, radio navigational aid or radio remote control apparatus
8529.90.22	Other printed circuit assemblies suitable for use solely or principally with the apparatus of headings 8525 to 8528, nesoi
8529.90.24	Transceiver assemblies for the apparatus of subheading 8526.10, other than printed circuit assemblies
8529.90.29	Tuners for television apparatus, other than printed circuit assemblies
8529.90.33	Subassies w/2 or more PCBs or ceramic substrates, as spec'd in add. US note 9 ch. 85, for color TV, w/components in add. US note 4, ch. 85
8529.90.46	Combinations of PCBs and ceramic substrates and subassemblies thereof for color TV, w/components listed in add. U.S. note 4, chap. 85
8529.90.63	Parts of printed circuit assemblies (including face plates and lock latches) for television cameras
8529.90.68	Parts of printed circuit assemblies (including face plates and lock latches) for television apparatus other than television cameras
8529.90.73	Parts of printed circuit assemblies (including face plates and lock latches) for radar, radio navigational aid or radio remote control app.
8529.90.78	Mounted lenses for use in closed circuit television cameras, separately imported, w/ or w/o attached elec. Connectors or motors
8529.90.81	Other parts of television cameras, nesoi
8529.90.83	Other parts of television apparatus (other than television cameras), nesoi
8529.90.89	Subassies w/2 or more PCBs or ceramic substrates, exc. tuners or converg. ass'ies, for color TV, not w/components in add. US note 4, ch. 85
8529.90.93	Parts of television apparatus, nesoi
8529.90.95	Assemblies and subassemblies of radar, radio navigational aid or remote control apparatus, of 2 or more parts joined together, nesoi
8529.90.97	Parts suitable for use solely or principally in radar, radio navigational aid or radio remote control apparatus, nesoi
8529.90.99	Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528, nesoi
8530.10.00	Electrical signaling, safety or traffic control equipment for railways, streetcar lines or subways
8530.80.00	Electrical signaling, safety or traffic control equipment for roads, inland waterways, parking facilities, port installations or airfields
8530.90.00	Parts for electrical signaling, safety or traffic control equipment

HTSUS Subheading	Product Description
8532.10.00	Fixed electrical capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar
8532.21.00	Tantalum fixed capacitors
8532.22.00	Aluminum electrolytic fixed capacitors
8532.23.00	Ceramic dielectric fixed capacitors, single layer
8532.24.00	Ceramic dielectric fixed capacitors, multilayer
8532.25.00	Dielectric fixed capacitors of paper or plastics
8532.29.00	Fixed electrical capacitors, nesoi
8532.30.00	Variable or adjustable (pre-set) electrical capacitors
8532.90.00	Parts of electrical capacitors, fixed, variable or adjustable (pre-set)
8533.10.00	Electrical fixed carbon resistors, composition or film types
8533.21.00	Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity not exceeding 20 W
8533.29.00	Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity exceeding 20 W
8533.31.00	Electrical wirewound variable resistors, including rheostats and potentiometers, for a power handling capacity not exceeding 20 W
8533.40.40	Metal oxide resistors
8533.40.80	Electrical variable resistors, other than wirewound, including rheostats and potentiometers
8533.90.80	Other parts of electrical resistors, including rheostats and potentiometers, nesoi
8535.10.00	Fuses, for a voltage exceeding 1,000 V
8535.21.00	Automatic circuit breakers, for a voltage of less than 72.5 kV, but exceeding 1,000 V
8535.29.00	Automatic circuit breakers, for a voltage of 72.5 kV or more
8535.30.00	Isolating switches and make-and-break switches, for a voltage exceeding 1,000 V
8535.90.40	Electrical motor starters and electrical motor overload protector, for a voltage exceeding 1,000 V
8535.90.80	Electrical apparatus nesoi for switching, protecting, or making connections for electrical circuits, for a voltage exceeding 1,000 V, nesoi
8536.10.00	Fuses, for a voltage not exceeding 1,000 V
8536.20.00	Automatic circuit breakers, for a voltage not exceeding 1,000 V
8536.30.40	Electrical motor overload protectors, for a voltage not exceeding 1,000 V, nesoi
8536.41.00	Relays for switching, protecting or making connections to or in electrical circuits, for a voltage not exceeding 60 V
8536.49.00	Relays for switching, protecting or making connections to or in electrical circuits, for a voltage exceeding 60 but not exceeding 1,000 V
8536.50.40	Electrical motor starters (which are switches), for a voltage not exceeding 1,000 V
8536.50.90	Switches nesoi, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V
8536.69.40	Connectors: coaxial, cylindrical multicontact, rack and panel, printed circuit, ribbon or flat cable, for a voltage not exceeding 1,000 V
8536.90.40	Electrical terminals, electrical splicers and electrical couplings, wafer probers, for a voltage not exceeding 1,000 V

HTSUS Subheading	Product Description
8536.90.85	Other electrical apparatus nesoi, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V, nesoi
8537.10.60	Boards, panels, etc., equipped with apparatus for electric control, for a voltage not exceeding 1,000, motor control centers
8537.10.80	Touch screens without display capabilities for incorporation in apparatus having a display
8537.20.00	Boards, panels, consoles, desks, cabinets and other bases, equipped with apparatus for electric control, for a voltage exceeding 1,000 V
8538.10.00	Parts of boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus
8538.90.40	Parts for articles of 8535.90.40, 8536.30.40 or 8536.50.40, of ceramic or metallic materials, mech. or elec. reactive to changes in temp.
8538.90.60	Molded parts nesoi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537
8538.90.81	Other parts nesoi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537
8539.41.00	Arc lamps
8539.90.00	Parts of electrical filament or discharge lamps
8540.79.10	Klystron tubes
8540.79.20	Microwave tubes (other than magnetrons or klystrons) excluding grid-controlled tubes
8540.89.00	Thermionic, cold cathode or photocathode tubes, nesoi
8541.21.00	Transistors, other than photosensitive transistors, with a dissipation rating of less than 1 W
8541.29.00	Transistors, other than photosensitive transistors, with a dissipation rating of 1 W or more
8541.30.00	Thyristors, diacs and triacs, other than photosensitive devices
8541.40.20	Light-emitting diodes (LED's)
8541.40.70	Photosensitive transistors
8541.40.80	Photosensitive semiconductor devices nesoi, optical coupled isolators
8541.40.95	Photosensitive semiconductor devices nesoi, other
8541.50.00	Semiconductor devices other than photosensitive semiconductor devices, nesoi
8541.60.00	Mounted piezoelectric crystals
8541.90.00	Parts of diodes, transistors, similar semiconductor devices, photosensitive semiconductor devices, LED's and mounted piezoelectric crystals
8543.10.00	Electrical particle accelerators
8543.20.00	Electrical signal generators
8543.30.20	Electrical machines and apparatus for electroplating, electrolysis, or electrophoresis for making printed circuits
8543.30.90	Other electrical machines and apparatus for electroplating, electrolysis, or electrophoresis
8543.70.20	Physical vapor deposition apparatus, nesoi
8543.70.42	Flight data recorders

HTSUS Subheading	Product Description
8543.70.60	Electrical machines and apparatus nesoi, designed for connection to telegraphic or telephonic apparatus, instruments or networks
8543.70.80	Microwave amplifiers
8543.70.95	Touch screens without display capabilities for incorporation in apparatus having a display
8543.70.97	Plasma cleaner machines that remove organic contaminants from electron microscopy specimens and holders
8543.90.12	Parts of physical vapor deposition apparatus of subheading 8543.70
8543.90.15	Assemblies and subassemblies for flight data recorders, consisting of 2 or more parts pieces fastened together, printed circuit assemblies
8543.90.35	Assemblies and subassemblies for flight data recorders, consisting of 2 or more parts pieces fastened together, not printed circuit assys.
8543.90.65	Printed circuit assemblies of flat panel displays other than for reception apparatus for television of heading 8528
8543.90.68	Printed circuit assemblies of electrical machines and apparatus, having individual functions, nesoi
8544.11.00	Insulated (including enameled or anodized) winding wire, of copper
8544.19.00	Insulated (including enameled or anodized) winding wire, other than of copper
8544.30.00	Insulated ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships
8544.49.30	Insulated electric conductors nesoi, of copper, for a voltage not exceeding 1,000 V, not fitted with connectors
8544.49.90	Insulated electric conductors nesoi, not of copper, for a voltage not exceeding 1,000 V, not fitted with connectors
8544.60.20	Insulated electric conductors nesoi, for a voltage exceeding 1,000 V, fitted with connectors
8544.60.40	Insulated electric conductors nesoi, of copper, for a voltage exceeding 1,000 V, not fitted with connectors
8544.70.00	Optical fiber cables made up of individually sheathed fibers
8601.10.00	Rail locomotives powered from an external source of electricity
8603.10.00	Self-propelled railway or tramway coaches, vans and trucks (o/than those of 8604), powered from an external source of electricity
8603.90.00	Self-propelled railway or tramway coaches, vans and trucks (o/than those of 8604), o/than powered from an external source of electricity
8604.00.00	Railway or tramway maintenance or service vehicles, whether or not self-propelled
8607.12.00	Parts of railway/tramway locomotives/rolling stock, truck assemblies for other than self-propelled vehicles
8607.19.06	Parts of railway/tramway locomotives/rolling stock, parts of axles
8607.19.12	Parts of railway/tramway locomotives/rolling stock, wheels, whether or not fitted with axles
8607.19.15	Parts of railway/tramway locomotives/rolling stock, parts of wheels
8607.19.90	Parts of railway/tramway locomotives/rolling stock, parts of truck assemblies for self-propelled vehicles or for non-self-propelled nesoi
8607.21.10	Parts of railway/tramway locomotives/rolling stock, air brakes & parts thereof for non-self-propelled passenger coaches or freight cars

HTSUS Subheading	Product Description
8607.21.50	Parts of railway/tramway locomotives/rolling stock, air brakes & parts thereof for self-propelled vehicles or non-self-propelled stock nesoi
8607.29.10	Parts of railway/tramway locomotives/rolling stock, pts of brakes (o/than air brakes) for non-self-propelled passenger coaches or freight
8607.29.50	Parts of railway/tramway locomotives/rolling stock, pts of brakes (o/th air brakes) for self-propelled vehicles or non-self-propelled nesoi
8607.91.00	Parts, nesoi, of railway/tramway locomotives
8607.99.10	Parts (o/than brake regulators) nesoi, of railway/tramway, non-self-propelled passenger coaches or freight cars
8607.99.50	Parts, nesoi, of railway or tramway rolling stock, nesoi
8608.00.00	Railway or tramway track fixtures and fittings; mechanical signaling, safety or traffic control equipment of all kinds nesoi; parts thereof
8701.10.01	Single axle tractors, other than tractors of 8709
8701.30.10	Track-laying tractors, suitable for agricultural use
8702.10.31	Motor vehicles w/diesel engine, to transport 16 or more persons, incl driver
8702.10.61	Motor vehicles w/diesel engine, to transport 10 to 15 persons, incl driver
8702.20.31	Motor vehicles w/diesel engine & electric motor, to transport 16 or more persons, incl driver
8702.20.61	Motor vehicles w/diesel engine & electric motor, to transport 10 to 15 persons, incl driver
8702.30.31	Motor vehicles w/spark-ign. IC recip. piston engine & electric motor, to transport 16 or more persons, incl driver
8702.30.61	Motor vehicles w/spark-ign. IC recip. piston engine & electric motor, to transport 10 to 15 persons, incl driver
8702.40.31	Motor vehicles w/electric motor, to transport 16 or more persons, incl driver
8702.40.61	Motor vehicles w/electric motor, to transport 10 to 15 persons, incl driver
8702.90.31	Motor vehicles nesoi, to transport 16 or more persons, incl driver
8702.90.61	Motor vehicles nesoi, to transport 10 to 15 persons, incl driver
8703.21.01	Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity <= 1, 000 cc
8703.22.01	Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity > 1, 000cc but <=1, 500cc
8703.23.01	Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity >1, 500cc but <=3, 000cc
8703.24.01	Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity >3, 000cc
8703.31.01	Motor vehicles to transport persons, w/diesel engines, of a cylinder capacity <= 1, 500cc
8703.32.01	Motor vehicles to transport persons, w/diesel engines, of a cylinder capacity > 1, 500cc but <= 2, 500cc
8703.33.01	Motor vehicles to transport persons, w/diesel engines, of a cylinder capacity > 2, 500cc
8703.40.00	Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine & elec motor incapable of charge by plug to external source

HTSUS Subheading	Product Description
8703.50.00	Motor vehicles to transport persons, w/diesel engine & elec motor incapable of charge by plug to external source
8703.60.00	Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine & elec motor capable of charge by plug to external source
8703.70.00	Motor vehicles to transport persons, w/diesel engine & elec motor capable of charge by plug to external source
8703.80.00	Motor vehicles to transport persons, w/electric motor for propulsion
8703.90.01	Motor vehicles to transport persons, nesoi
8704.10.10	Mtr. vehicles for transport of goods, cab chassis for dumpers designed for off-highway use
8704.10.50	Mtr. vehicles for transport of goods, complete dumpers designed for off-highway use
8704.21.00	Mtr. vehicles for transport of goods, w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. not over 5 metric tons
8704.22.10	Mtr. vehicles for transport of goods, cab chassis, w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. o/5 but n/o 20 metric tons
8704.22.50	Mtr. vehicl. for transport of goods (o/than cab chassis), w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. o/5 but n/o 20 mtons
8704.23.00	Mtr. vehicles for transport of goods, w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. over 20 metric tons
8704.31.00	Mtr. vehicles for transport of goods, w/spark.-ign. int. combust. recip. piston engine, w/G.V.W. not over 5 metric tons
8704.32.00	Mtr. vehicles for transport of goods, w/spark.-ign. int. combust. recip. piston engine, w/G.V.W. over 5 metric tons
8705.30.00	Mtr. vehicles (o/than for transport of persons or of goods), fire fighting vehicles
8705.40.00	Mtr. vehicles (o/than for transport of persons or of goods), concrete mixers
8706.00.25	Chassis fitted w/engines, for mtr. vehicles of heading 8705
8706.00.30	Chassis fitted w/engines, for tractors suitable for agricultural use
8709.11.00	Electrical, self-propelled, works trucks, not fitted w/lift. equip. and tractors of type used on railway station platforms
8709.19.00	Non-electrical, self-propelled, works trucks, not fitted w/lift. equip. and tractors of type used on railway station platforms
8709.90.00	Parts of self-propelled works trucks, not fitted w/lift. equip. and tractors of the type used on railway station platforms
8711.50.00	Motorcycles (incl. mopeds) and cycles, fitted w/recip. internal-combustion piston engine w/capacity o/800 cc
8802.11.00	Helicopters, with an unladen weight not over 2,000 kg
8802.12.00	Helicopters, with an unladen weight over 2,000 kg
8802.20.00	Airplanes and other powered aircraft, nesoi, with an unladen weight not over 2,000 kg
8802.30.00	Airplanes and other powered aircraft, nesoi, with an unladen weight over 2,000 kg but not over 15,000 kg
8802.40.00	Airplanes and other powered aircraft, nesoi, with an unladen weight over 15,000 kg
8802.60.30	Communication satellites
8802.60.90	Spacecraft, including satellites (o/than communication satellites), and suborbital and spacecraft launch vehicles

HTSUS Subheading	Product Description
8803.10.00	Parts of airplanes and other aircraft, propellers and rotors and parts thereof
8803.20.00	Parts of airplanes and other aircraft, undercarriages and parts thereof
8803.30.00	Parts of airplanes and helicopters, nesoi
8803.90.30	Parts of communication satellites
8803.90.90	Parts of aircraft (o/than airplanes and helicopters), spacecraft (o/than comm. satell.) and suborbital and launch vehicles, nesoi
8805.10.00	Aircraft launching gear and parts thereof; deck-arrestors or similar gear and parts thereof
8805.21.00	Air combat ground flying simulators and parts thereof
8805.29.00	Ground flying trainers and parts thereof, other than air combat simulators
8901.10.00	Vessels, designed for the transport of persons, cruise ships, excursion boats and similar vessels; ferry boats of all kinds
8901.20.00	Vessels, designed for the transport of goods, tankers
8901.90.00	Vessels, designed for the transport of goods or for the transport of both persons and goods, nesoi
8902.00.00	Vessels, fishing; factory ships and other vessels for processing or preserving fishery products
8904.00.00	Vessels, tugs and pusher craft
8905.10.00	Vessels, dredgers
8905.20.00	Floating or submersible drilling or production platforms
8905.90.50	Vessels, light-vessels, fire-floats, floating cranes, & other vessels nesoi, the navigability of which is subsidiary to their main function
8906.90.00	Vessels (including lifeboats other than row boats), nesoi
8908.00.00	Vessels and other floating structures for breaking up (scrapping)
9002.90.20	Prisms, mounted, for optical uses
9002.90.40	Mirrors, mounted, for optical uses
9002.90.70	Half-tone screens, mounted, designed for use in engraving or photographic processes
9002.90.95	Mounted optical elements, nesoi; parts and accessories of mounted optical elements, nesoi
9011.10.40	Stereoscopic microscopes, provided with a means for photographing the image
9011.10.80	Stereoscopic microscopes, other than those provided with a means for photographing the image
9011.20.40	Microscopes for microphotography, microcinematography or microprojection, provided with a means for photographing the image
9011.90.00	Parts and accessories for compound optical microscopes, including those for microphotography, microcinematography or microprojection
9012.10.00	Microscopes other than optical microscopes; diffraction apparatus
9012.90.00	Parts and accessories for microscopes other than optical microscopes, and for diffraction apparatus
9013.10.45	Telescopes as parts of machines, appliances, etc. of chapter 90 or section XVI
9013.20.00	Lasers, other than laser diodes
9013.80.70	Liquid crystal and other optical flat panel displays other than for articles of heading 8528, nesoi

HTSUS Subheading	Product Description
9014.10.70	Electrical direction finding compasses
9014.20.20	Optical instruments and appliances (other than compasses) for aeronautical or space navigation
9014.20.40	Automatic pilots for aeronautical or space navigation
9014.20.60	Electrical instruments and appliances (other than compasses) for aeronautical or space navigation
9014.20.80	Nonelectrical instruments and appliances (other than compasses) for aeronautical or space navigation
9014.80.10	Optical navigational instruments, nesoi
9014.80.20	Ships' logs and depth-sounding apparatus
9014.80.40	Electrical navigational instruments and appliances, nesoi
9014.80.50	Nonelectrical navigational instruments and appliances, nesoi
9014.90.10	Parts and accessories of automatic pilots for aeronautical or space navigation of subheading 9014.20.40
9014.90.20	Parts and accessories of nonelectrical instruments and appliances for aeronautical or space navigation of subheading 9014.20.80
9014.90.40	Parts and accessories of nonelectrical navigational instruments and appliances nesoi of subheading 9014.80.50
9014.90.60	Parts and accessories of navigational instruments and appliances, nesoi
9015.10.80	Rangefinders, other than electrical
9015.20.40	Electrical theodolites and tachymeters
9015.20.80	Theodolites and tachymeters, other than electrical
9015.40.40	Electrical photogrammetrical surveying instruments and appliances
9015.40.80	Photogrammetrical surveying instruments and appliances, other than electrical
9015.80.20	Optical surveying, hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, nesoi
9015.80.60	Seismographs
9015.80.80	Surveying, hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, nesoi, nonoptical
9018.11.30	Electrocardiographs
9018.11.60	Printed circuit assemblies for electrocardiographs
9018.11.90	Parts and accessories of electrocardiographs, other than printed circuit assemblies
9018.12.00	Ultrasonic scanning electro-diagnostic apparatus used in medical, surgical, dental or veterinary sciences
9018.13.00	Magnetic resonance imaging electro-diagnostic apparatus used in medical, surgical, dental or veterinary sciences
9018.14.00	Scintigraphic electro-diagnostic apparatus used in medical, surgical, dental or veterinary sciences
9018.19.40	Electro-diagnostic apparatus for functional exploratory examination, and parts and accessories thereof
9018.19.55	Electro-diagnostic patient monitoring systems
9018.19.75	Printed circuit assemblies for electro-diagnostic parameter acquisition modules
9018.19.95	Electro-diagnostic apparatus nesoi, and parts and accessories thereof nesoi

HTSUS Subheading	Product Description
9018.20.00	Ultraviolet or infrared ray apparatus used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof
9018.90.20	Optical instruments and appliances nesoi, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof
9018.90.30	Anesthetic instruments and appliances nesoi, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof
9018.90.60	Electro-surgical instruments and appliances nesoi, other than extracorporeal shock wave lithotripters and parts and accessories thereof
9018.90.75	Electro-medical instruments and appliances nesoi, and parts and accessories thereof
9021.50.00	Pacemakers for stimulating heart muscles, excluding parts and accessories thereof
9022.12.00	Computed tomography apparatus based on the use of X-rays
9022.13.00	Apparatus based on the use of X-rays for dental uses (other than computed tomography apparatus)
9022.14.00	Apparatus based on the use of X-rays for medical, surgical or veterinary uses (other than computed tomography apparatus)
9022.19.00	Apparatus based on the use of X-rays other than for medical, surgical, dental or veterinary use
9022.21.00	Apparatus based on the use of alpha, beta or gamma radiations, for medical, surgical, dental or veterinary use
9022.29.80	Apparatus based on the use of alpha, beta or gamma radiations, other than for medical, surgical, dental or veterinary use, nesoi
9022.30.00	X-ray tubes
9022.90.05	Radiation generator units
9022.90.15	Radiation beam delivery units
9022.90.25	X-ray generators, high tension generators, desks, screens, examination or treatment tables, chairs and similar apparatus, nesoi
9022.90.40	Parts and accessories of X-ray tubes
9022.90.60	Parts and accessories of apparatus based on the use of X-rays
9022.90.95	Parts and accessories of apparatus based on the use of alpha, beta or gamma radiations
9024.10.00	Machines and appliances for testing the mechanical properties of metals
9024.80.00	Machines and appliances for testing the mechanical properties of materials other than metals
9024.90.00	Parts and accessories of machines and appliances for testing the hardness, strength, compressibility, or other properties of materials
9026.10.20	Electrical instruments and apparatus for measuring or checking the flow or level of liquids
9026.20.40	Electrical instruments and apparatus for measuring or checking the pressure of liquids or gases
9026.80.20	Electrical instruments and apparatus for measuring or checking variables of liquids or gases, nesoi
9026.90.20	Parts and accessories of electrical instruments and apparatus for measuring or checking variables of liquids or gases
9026.90.40	Parts and accessories of nonelectrical flow meters, heat meters incorporating liquid supply meters and anemometers

HTSUS Subheading	Product Description
9026.90.60	Parts and accessories of nonelectrical instruments and apparatus for measuring or checking variables of liquids or gases, nesoi
9027.20.50	Electrical chromatographs and electrical electrophoresis instruments
9027.20.80	Nonelectrical chromatographs
9027.30.40	Electrical spectrometers, spectrophotometers and spectrographs using optical radiations (ultraviolet, visible, infrared)
9027.30.80	Nonelectrical spectrometers, spectrophotometers and spectrographs using optical radiations (ultraviolet, visible, infrared)
9027.50.10	Exposure meters
9027.50.40	Electrical instruments and apparatus using optical radiations (ultraviolet, visible, infrared), nesoi
9027.50.80	Nonelectrical instruments and apparatus using optical radiations (ultraviolet, visible, infrared), nesoi
9027.80.25	Nuclear magnetic resonance instruments
9027.80.45	Electrical instruments and apparatus for physical or chemical analysis, measuring viscosity, checking heat, sound, light, etc., nesoi
9027.80.80	Nonelectrical instruments and apparatus for physical or chemical analysis, measuring viscosity, checking heat, sound or light, nesoi
9027.90.45	Printed circuit assemblies for instruments and apparatus of subheading 9027.80
9027.90.54	Parts and accessories of electrophoresis instruments not incorporating an optical or other measuring device
9027.90.56	Parts and accessories of electrical instruments and apparatus of subheading 9027.20, 9027.30, 9027.50 or 9027.80
9027.90.59	Other parts and accessories of other electrical instruments and apparatus of heading 9027, nesoi
9027.90.64	Parts and accessories of nonelectrical optical instruments and apparatus of subheading 9027.20, 9027.30, 9027.40, 9027.50 or 9027.80
9027.90.84	Parts and accessories of nonelectrical nonoptical instruments and apparatus of heading 9027.20, 9027.30, 9027.40, 9027.50 or 9027.80
9027.90.88	Parts and accessories of nonelectrical instruments and apparatus of heading 9027, nesoi
9028.90.00	Parts and accessories for gas, liquid or electricity supply or production meters
9030.10.00	Instruments and apparatus for measuring or detecting ionizing radiations
9030.20.05	Oscilloscopes and oscillographs, specially designed for telecommunications
9030.33.34	Resistance measuring instruments
9030.33.38	Other instruments and apparatus, nesoi, for measuring or checking electrical voltage, current, resistance or power, without a recording device
9030.39.01	Instruments and apparatus, nesoi, for measuring or checking electrical voltage, current, resistance or power, with a recording device
9030.40.00	Instruments and apparatus specially designed for telecommunications
9030.82.00	Instruments and apparatus for measuring or checking electrical quantities, nesoi: for measuring or checking semiconductor wafers or devices
9030.90.25	Printed circuit assemblies for instruments and apparatus for measuring or detecting ionizing radiation

HTSUS Subheading	Product Description
9030.90.46	Parts and accessories for instruments and apparatus for measuring or detecting ionizing radiation, nesoi
9030.90.66	Printed circuit assemblies for subheadings and apparatus of 9030.40 & 9030.82
9030.90.68	Printed circuit assemblies, NESOI
9030.90.84	Parts and accessories for instruments and apparatus for measuring or checking semiconductor wafers or devices, nesoi
9030.90.89	Parts and accessories for articles of subheadings 9030.20 to 9030.40, 9030.83 and 9030.89, nesoi
9031.10.00	Machines for balancing mechanical parts
9031.20.00	Test benches
9031.41.00	Optical measuring/checking instruments/appliances for inspecting semiconductor wafers/devices or photomasks/reticle used to mfg such devices
9031.49.10	Profile projectors
9031.49.40	Optical coordinate-measuring machines, nesoi
9031.49.70	Optical instrument & appliance: to inspect masks (not photomask) used to mfg semiconductor devices; to measure contamination on such devices
9031.49.90	Other optical measuring or checking instruments, appliances and machines, nesoi
9031.80.40	Electron beam microscopes fitted with equipment specifically designed for the handling and transport of semiconductor devices or reticles
9031.80.80	Measuring and checking instruments, appliances and machines, nesoi
9031.90.21	Parts and accessories of profile projectors
9031.90.54	Parts & accessories of measuring & checking optical instruments & appliances of subheading 9031.41 or 9031.49.70
9031.90.59	Parts & accessories of measuring & checking optical instruments & appliances, other than test benches or profile projectors, nesoi
9031.90.70	Parts and accessories of articles of subheading 9031.80.40
9031.90.91	Parts and accessories of measuring or checking instruments, appliances and machines, nesoi
9032.10.00	Automatic thermostats
9032.20.00	Automatic manostats
9032.81.00	Hydraulic and pneumatic automatic regulating or controlling instruments and apparatus
9032.89.20	Automatic voltage and voltage-current regulators, designed for use in a 6, 12, or 24 V system
9032.89.40	Automatic voltage and voltage-current regulators, not designed for use in a 6, 12, or 24 V system
9032.89.60	Automatic regulating or controlling instruments and apparatus, nesoi
9032.90.21	Parts and accessories of automatic voltage and voltage-current regulators designed for use in a 6, 12, or 24 V system, nesoi
9032.90.41	Parts and accessories of automatic voltage and voltage-current regulators, not designed for use in a 6, 12, or 24 V system, nesoi
9032.90.61	Parts and accessories for automatic regulating or controlling instruments and apparatus, nesoi
9033.00.20	LEDs for backlighting of LCDs

HTSUS Subheading	Product Description
9033.00.30	Touch screens without display capabilities for incorporation in apparatus having a display
9033.00.90	Other parts and accessories for machines, appliances, instruments or apparatus of chapter 90, nesoi