

**List 1**

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>   |
|-----------------------------|--|
| 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<br>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<br>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<br>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  |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>  |
|-----------------------------|---|
| 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   |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>   |
|-----------------------------|--|
| 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<br>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   |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>   |
|-----------------------------|--|
| 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<br>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<br>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<br>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<br>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  |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>  |
|-----------------------------|---|
| 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<br>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<br>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<br>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<br>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   |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>  |
|-----------------------------|---|
| 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<br>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<br>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<br>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<br>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                            |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>  |
|-----------------------------|---|
| 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   |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>  |
|-----------------------------|---|
| 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   |



| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>   |
|-----------------------------|--|
| 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 nesoï, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof    |
| 9018.90.30                  | Anesthetic instruments and appliances nesoï, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof |
| 9018.90.60                  | Electro-surgical instruments and appliances nesoï, other than extracorporeal shock wave lithotripters and parts and accessories thereof  |
| 9018.90.75                  | Electro-medical instruments and appliances nesoï, 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, nesoï         |
| 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, nesoï          |
| 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, nesoï                                      |
| 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                       |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>   |
|-----------------------------|--|
| 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<br>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  |

| <b>HTSUS<br/>Subheading</b> | <b>Product Description</b>  |
|-----------------------------|---|
| 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 |