List 1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

|  |  |
| --- | --- |
| HTSUS  Subheading | Product Description |
| 9030.90.46 | Parts and accessories for instruments and apparatus for measuring or detecting ionizing radiation, nesoi |
| 9030.90.66 | Printed circuit assemblies for subheadings and apparatus of 9030.40 & 9030.82 |
| 9030.90.68 | Printed circuit assemblies, NESOI |
| 9030.90.84 | Parts and accessories for instruments and apparatus for measuring or checking semiconductor wafers or devices, nesoi |
| 9030.90.89 | Parts and accessories for articles of subheadings 9030.20 to 9030.40, 9030.83 and 9030.89, nesoi |
| 9031.10.00 | Machines for balancing mechanical parts |
| 9031.20.00 | Test benches |
| 9031.41.00 | Optical measuring/checking instruments/appliances for inspecting semiconductor wafers/devices or photomasks/reticle used to mfg such devices |
| 9031.49.10 | Profile projectors |
| 9031.49.40 | Optical coordinate-measuring machines, nesoi |
| 9031.49.70 | Optical instrument & appliance: to inspect masks (not photomask) used to mfg semiconductor devices; to measure contamination on such devices |
| 9031.49.90 | Other optical measuring or checking instruments, appliances and machines, nesoi |
| 9031.80.40 | Electron beam microscopes fitted with equipment specifically designed for the handling and transport of semiconductor devices or reticles |
| 9031.80.80 | Measuring and checking instruments, appliances and machines, nesoi |
| 9031.90.21 | Parts and accessories of profile projectors |
| 9031.90.54 | Parts & accessories of measuring & checking optical instruments & appliances of subheading 9031.41 or 9031.49.70 |
| 9031.90.59 | Parts & accessories of measuring & checking optical instruments & appliances, other than test benches or profile projectors, nesoi |
| 9031.90.70 | Parts and accessories of articles of subheading 9031.80.40 |
| 9031.90.91 | Parts and accessories of measuring or checking instruments, appliances and machines, nesoi |
| 9032.10.00 | Automatic thermostats |
| 9032.20.00 | Automatic manostats |
| 9032.81.00 | Hydraulic and pneumatic automatic regulating or controlling instruments and apparatus |
| 9032.89.20 | Automatic voltage and voltage-current regulators, designed for use in a 6, 12, or 24 V system |
| 9032.89.40 | Automatic voltage and voltage-current regulators, not designed for use in a 6, 12, or 24 V system |
| 9032.89.60 | Automatic regulating or controlling instruments and apparatus, nesoi |
| 9032.90.21 | Parts and accessories of automatic voltage and voltage-current regulators designed for use in a 6, 12, or 24 V system, nesoi |
| 9032.90.41 | Parts and accessories of automatic voltage and voltage-current regulators, not designed for use in a 6, 12, or 24 V system, nesoi |
| 9032.90.61 | Parts and accessories for automatic regulating or controlling instruments and apparatus, nesoi |
| 9033.00.20 | LEDs for backlighting of LCDs |
| HTSUS  Subheading | Product Description |
| 9033.00.30 | Touch screens without display capabilities for incorporation in apparatus having a display |
| 9033.00.90 | Other parts and accessories for machines, appliances, instruments or apparatus of chapter 90, nesoi |