

**Section 301 Tariff Exclusion Requests Granted**  
**China List 1 (\$34 billion)**



Updated: 7/16/2020

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8402.90.0010	Heat exchangers, the foregoing comprising parts of goods of heading 8402 and each fitted for heat recovery generator	9903.88.14	9/20/2019	9/20/2020		
8402.90.0010	Heat exchangers, the foregoing comprising parts of goods of heading 8402 and each fitted for heat recovery steam generator	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8402.90.0090	Water tanks for steam or other vapor generating boilers	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8402.90.0090	Drums, exhaust stacks, and inlet duct panel assemblies of heat recovery steam generators	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8404.40.4000	Speed drive controllers for electric motors, each such controller measuring 100 mm or more but not over 130 mm in length, 40 mm or more but not over 125 mm in width and 24 mm or more but not over 85 mm in height	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8407.21.0040	Spark-ignition Reciprocating Or Rotary Internal Combustion Piston Engines For Marine Propulsion, Outboard Motors Less Than 22.38 Kw	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8407.21.0080	Spark-ignition engines for marine propulsion, outboard, each rated at not less than 29.83 kW but not more than 44.74 kW	9903.88.05	12/28/2018	12/28/2019		
8408.90.9010	Compression-ignition engines with maximum power exceeding 50 kW but not exceeding 120 kW, each valued over \$6,000 but not over \$9,500 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8408.90.9020	Compression-ignition engines, exceeding 149.2 kW but not exceeding 373 kW and valued over \$9,800 but not over \$12,000	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8411.99.9085	Parts of nonaircraft gas turbines, other than rotors, spindles, rotor assemblies, spindle assemblies or steel forgings	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8411.99.9090	Aircraft gas turbine compressor cases of steel and Inconel alloy, each valued over \$3,000 but not over \$4,000	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8411.99.9090	Engine stationary seal air supports of Inconel alloy, each measuring over 35 cm but not over 35.5 cm in outer diameter and over 3.5 cm but not over 4 cm in width	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8412.21.0030	Welded hydraulic linear acting (cylinders) engines and motors, each with piston bore of 12.7 mm or more but not over 254 mm, with stroke not over 11.43 m, overall length not over 15.24 m and rod diameter not over 1.219	9903.88.05	12/28/2018	12/28/2019		
8412.21.0045	Linear acting hydraulic motors with telescoping type cylinders	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8412.21.0075	Linear acting hydraulic motors (cylinder), others	9903.88.05	12/28/2018	12/28/2019		
8412.29.8015	Unlimited rotary acting hydraulic motors, gear type, valued at \$70 or more but not exceeding \$75 each	9903.88.19	10/2/2019	10/2/2020		
8412.29.8045	Hydraulic powered swing, winch and travel drives, axial piston type, with attached gearboxes, each valued over \$2,000 but not over \$7,000	9903.88.14	9/20/2019	9/20/2020		
8412.39.0080	Direct acting and spring return pneumatic actuators, each rated at a maximum pressure of 10 bar and valued over \$68 but not over \$72 per unit	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8412.80.1000	Spring-operated motors, each valued over \$3,000 but not over \$3,600	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.19.0000	Lubricating oil transfer pumps, fitted or designed to be fitted with a measuring device, each with a 1.5 kW motor	9903.88.14	9/20/2019	9/20/2020		
8413.19.0000	Pumps designed for countertop appliances for serving beer, the foregoing that control the level of carbonation by means of sonic waves	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8413.50.0010	Oil well and oil field reciprocating positive displacement plunger pumps	9903.88.14	9/20/2019	9/20/2020		
8413.50.0010	Oil well and oil field crank-balanced, long-stroke and beam pumps	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8413.50.0070	Radial piston hydraulic fluid pumps weighing not over 500 grams (described in statistical reporting number 8413.50.0070)	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.50.0090	Positive displacement piston liquid pumps designed for use with gas or electric powered pressure washers, rated for an output of 7 liters or more but not exceeding 16 liters per minute at a pressure of 17 MPa or more but not exceeding 28 MPa	9903.88.14	9/20/2019	9/20/2020		
8413.60.0030	Gear-type hydraulic fluid power pumps, handheld, battery powered, the foregoing not over 5 cm in width and valued not over \$6 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	

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8413.60.0090	Non-hydraulic rotary positive displacement pumps, not configured as roller pumps, each weighing less than 5.5 kg and valued not over \$25	9903.88.14	9/20/2019	9/20/2020		
8413.70.2004	centrifugal pumps, submersible, designed for use in artificial lift systems for extracting oil and gas		2/11/2020	10/1/2020		
8413.70.2004	Submersible centrifugal pumps (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines other than stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard), not fitted or designed to be fitted with a measuring device; each of the foregoing incorporating a magnetic drive motor	9903.88.14	9/20/2019	9/20/2020		
8413.70.2004	Submersible centrifugal pumps (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines), not fitted or designed to be fitted with a measuring device, the foregoing for table-top decorative use incorporating a cascading water feature	9903.88.14	9/20/2019	9/20/2020		
8413.70.2004	Submersible centrifugal pumps (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines; other than stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard), not fitted or designed to be fitted with a measuring device, the foregoing capable of operating at 3 700 liters or more but not exceeding 41 000 liters per hour	9903.88.14	9/20/2019	9/20/2020		
8413.70.2004	Submersible centrifugal pumps, not fitted or designed to be fitted with a measuring device; other than fuel, lubricating or cooling medium pumps for internal combustion piston engines; other than stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard; the foregoing rated not over 1.5 kW	9903.88.14	9/20/2019	9/20/2020		
8413.70.2004	Tabletop water fountains designed for indoor use, the essential character of which is imparted by submersible centrifugal pumps	9903.88.14	9/20/2019	9/20/2020		
8413.70.2004	Centrifugal pumps, submersible, designed for use in apparatus for supplying water to pets	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.70.2004	Centrifugal pumps, submersible, other than for use with machines for making cellulosic pulp, paper or paperboard; the foregoing pumps rated not over 1.5 kW	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8413.70.2004	Submersible dual port pump designed for use in swimming pools	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.70.2004	Submersible pump designed for use in aquariums, not over 325 mm tall	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.70.2004	Submersible pump incorporating a magnetic drive motor	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8413.70.2004	Submersible pumps, rated not over 1 horsepower, designed for use in pumping raw sewage	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.70.2004	Sump pumps, submersible, rated not over 1 horsepower, activated by float switch	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.70.2004	Submersible centrifugal pumps, each powered by 36 V motor	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8413.70.2005	Non-submersible centrifugal pumps for liquids (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines), not fitted or designed to be fitted with a measuring device, the foregoing comprising single-stage, single-suction, close-coupled, with a discharge outlet under 5.08 cm in diameter, valued over \$4 but not over \$6.50 each	9903.88.14	9/20/2019	9/20/2020		
8413.70.2005	Centrifugal pumps, not for use with machines for making cellulosic pulp, paper or paperboard, not submersible, the foregoing single-stage, singlesuction, close-coupled and with discharge outlet under 5.1 cm in diameter	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.70.2015	Non-submersible centrifugal pumps for liquids (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines), not fitted or 8 designed to be fitted with a measuring device, the foregoing comprising single-stage, single-suction, close-coupled centrifugal motor pumps with a discharge outlet 5.08 cm or over in diameter, rated at 37 W or more but not exceeding 80 W and with a flow rate of 17 liters per minute or more	9903.88.14	9/20/2019	9/20/2020		
8413.70.2015	Centrifugal water pumps incorporating thermal cut-offs, each with discharge outlet 5.08 cm or more in diameter, valued over \$66 but not over \$72 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.70.2022	Modules containing three single-stage, single-suction, frame-mounted centrifugal pumps for liquids, with mechanical seals, with discharge outlets under 4 cm in diameter	9903.88.19	10/2/2019	10/2/2020		
8413.70.2022	Non-submersible centrifugal pumps for liquids (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines), not fitted or designed to be fitted with a measuring device, the foregoing operating at a voltage of 120 V and a frequency of 60 Hz, valued over \$4 but not over \$9 each	9903.88.14	9/20/2019	9/20/2020		
8413.70.2025	Non-submersible centrifugal pumps for liquids (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines), not fitted or designed to be fitted with a measuring device, the foregoing comprising single-stage, single-suction, close-coupled, with discharge outlet under 5.08 cm in diameter each valued over \$150 000	9903.88.14	9/20/2019	9/20/2020		

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8413.70.2090	Centrifugal pumps designed for eliminating condensate, the foregoing not elsewhere specified or included	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8413.81.0040	Pet water drinking fountains, not incorporating centrifugal pumps	9903.88.14	9/20/2019	9/20/2020		
8413.81.0040	Pumps (other than fuel, lubricating or cooling medium pumps for internal combustion piston engines, other than centrifugal pumps), not fitted or designed to be fitted with a measuring device, the foregoing rated at 37 W or more but not exceeding 80 W. with a flow rate of 17 liters or more per minute	9903.88.14	9/20/2019	9/20/2020		
8413.81.0040	Breast pumps, whether or not with accessories or batteries	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8413.91.1000	Load limiters for water pumps inserted into start/stop internal combustion engines	9903.88.19	10/2/2019	10/2/2020		
8413.91.1000	Stainless steel bushings, having a twelve sided outer surface, designed to fit onto a fuel vapor impeller of a kind used for automotive fuel injectors	9903.88.19	10/2/2019	10/2/2020		
8413.91.9010	Tubes of copper alloy for use in solenoid fuel pumps, each valued not over \$1	9903.88.14	9/20/2019	9/20/2020		
8413.91.9010	Motor vehicle oil pump housings	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9010	Housings for water pumps of subheading 8413.30.90	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8413.91.9010	Impellers for water pumps of subheading 8413.30.90	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.91.9050 prior to Jan. 1, 2019, and HTSUS 8413.91.9060 as of Jan. 1, 2019	pistons and housings for hydraulic fluid power pumps of the type used in power lawn mowers		2/11/2020	10/1/2020		
8413.91.9060	Hydraulic pump positioning piston assemblies	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.91.9060	Plastic reservoirs for motor vehicle brake master cylinders	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8413.91.9095	Parts of pumps, other than fuel-injection pumps for compression-ignition engines or stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard, the foregoing of plastics	9903.88.14	9/20/2019	9/20/2020		
8413.91.9095	Rods and couplings designed for use with oil and gas field pumps, the foregoing of American Petroleum Institute grade	9903.88.14	9/20/2019	9/20/2020		
8413.91.9095	Volutes of a kind designed for use with centrifugal sump pumps	9903.88.14	9/20/2019	9/20/2020		
8413.91.9095	Impellers	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Parts of oil and gas extraction beam pumps, other than hydraulic power pumps	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pedestals of pump assemblies	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump bases, of plastic, designed to protect the pump impellers from obstructions	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump casings and bodies	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8413.91.9095	Pump covers	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8413.91.9095	Pump expellers	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump grease cups and grease cup adapters	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump liners	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump manifolds	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump parts, of plastics, each valued not over \$3	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8413.91.9095	Pump shaft castings, of steel	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump throatbushes	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Pump volutes	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8413.91.9095	Structural pump bases, of stainless steel	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	

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8413.91.9095, effective 1/1/19; 8413.91.9080, prior to 1/1/19	Impeller housings of cast iron (described in statistical reporting number 8413.91.9095, effective January 1, 2019; described in statistical reporting number 8413.91.9080, effective prior to January 1, 2019)	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8413.91.9095, effective 1/1/19; 8413.91.9080, prior to 1/1/19	Impellers of plastic designed for centrifugal pumps, each of the foregoing with outside diameter of 73 mm or more but not more than 74 mm (described in statistical reporting number 8413.91.9095, effective January 1, 2019; described in statistical reporting number 8413.91.9080, effective prior to January 1, 2019)	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8414.30.4000	Compressors designed for use in household refrigerators, not exceeding 187 W (1/4 horsepower), each valued not over \$30	9903.88.14	9/20/2019	9/20/2020		
8414.30.4000	Air conditioner compressors of a kind used in motor vehicles	9903.88.14	9/20/2019	9/20/2020		
8414.30.4000	Single phase, rotating piston type rotary compressors with split capacitor motors and refrigerant pumps, valued not over \$70	9903.88.14	9/20/2019	9/20/2020		
8414.30.8030	Compressors, other than screw type, used in air conditioning equipment in motor vehicles, each valued over \$88 but not over \$92 per unit	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8414.30.8050	Compressors, other than screw type, of a kind used in household refrigerators, air conditioners and heat pumps, rated at more than 1/4 horsepower but not more than 1 horsepower, each valued not over \$150	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8414.30.8060	Rotary compressors, each exceeding 746 W (1 horsepower) but not exceeding 2,984 W (4 horsepower), with a cooling capacity ranging from 2,300 W (7,960 BTU) to 5,500 W (18,766 BTU)	9903.88.14	9/20/2019	9/20/2020		
8414.30.8060	Rotary compressors, each exceeding 746 W (1 horsepower) but not exceeding 2,984 W (4 horsepower), with a cooling capacity ranging from 750 to 1400 W	9903.88.14	9/20/2019	9/20/2020		
8414.30.8070	Scroll compressors, each exceeding 2,238 W (3 horsepower) but not exceeding 7,460 W (10 horsepower), valued over \$250 but not over \$500 each	9903.88.14	9/20/2019	9/20/2020		
8414.30.8080	Scroll-type compressors, each exceeding 7,460 W (10 horsepower), valued over \$500 but not over \$900	9903.88.14	9/20/2019	9/20/2020		
8414.90.4140	Steel rings with an external diameter not greater than 18 mm designed for use in air conditioning compressors	9903.88.19	10/2/2019	10/2/2020		
8414.90.4165	Compressor housings designed for turbochargers	9903.88.14	9/20/2019	9/20/2020		
8414.90.4165	Compressor housings designed for turbochargers	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8414.90.4190	Airend assemblies, inlet guide vanes, air-ends, compressor baseplates and backplates	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8417.80.0000	Mineral slab production equipment including exhaust gas treatment apparatus therefor	9903.88.14	9/20/2019	9/20/2020		
8417.80.0000	Twin reactor pyrolysis waste processing equipment consisting of two twin primary and one secondary processing units	9903.88.14	9/20/2019	9/20/2020		
8417.90.0000	Quench casings for furnace burners	9903.88.19	10/2/2019	10/2/2020		
8417.90.0000	furnace roll end-shafts of steel		2/11/2020	10/1/2020		
8417.90.0000	Parts of dry hearth melting furnaces	9903.88.14	9/20/2019	9/20/2020		
8418.69.0110	Portable domestic ice cube makers of stainless steel, valued not over \$70 each	9903.88.14	9/20/2019	9/20/2020		
8418.69.0110	Stand-alone icemaking machines, each having a rated capacity not exceeding 160 kg per day, capable of producing ice in pieces not larger than 40 cubic cm in any dimension	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8418.69.0120	Drinking water coolers, refrigerated, self contained	9903.88.05	12/28/2018	12/28/2019	12/28/2019	12/28/2020
8418.69.0160	Absorption liquid chilling units valued over \$130,000 each	9903.88.14	9/20/2019	9/20/2020		
8418.69.0180	Chest-type coolers, compression type, with an interior volume exceeding 440 liters but not exceeding 600 liters	9903.88.14	9/20/2019	9/20/2020		
8418.69.0180	Upright freezers, compression type, with an interior volume exceeding 1,300 liters but not exceeding 2,100 liters	9903.88.14	9/20/2019	9/20/2020		
8418.69.0180	Assemblies of thermo-electric modules, whether or not presented with attached heat exchangers, fans, shrouds, temperature sensors or controllers	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8418.69.0180	Coolers, non-compressor, powered by 12 V DC, each with an interior volume not exceeding 17 liters	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8419.19.0040	Solar water heaters incorporating glass tube heat collectors and including glass tubes and stands with tanks	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8419.40.0080	Distillation and rectifying equipment designed for use in the production of methylene diphenyl diisocyanate	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8419.50.1000	Brazed aluminum plate-fin heat exchangers, each valued not over \$250	9903.88.14	9/20/2019	9/20/2020		
8419.50.5000	Heat exchanger units, designed for use as part of a heat exchange system weighing more than 27 metric tons but not more than 32 metric tons and incorporating shell-and-tube type heat exchangers	9903.88.14	9/20/2019	9/20/2020		

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8419.50.5000	Heat exchanger units, designed for use as part of a heat exchange system weighing more than 40 but not more than 44 metric tons and designed to incorporate an ethylene dichloride vent eductor liquid cooler	9903.88.14	9/20/2019	9/20/2020		
8419.50.5000	Heat exchanger units, designed for use as part of a heat exchange system weighing more than 63.5 metric tons and not designed to operate with chilled MCB Coolers using propylene refrigerant	9903.88.14	9/20/2019	9/20/2020		
8419.50.5000	Heat exchanger units, designed for use individually or as part of a system weighing more than 63.5 metric tons and not designed to operate with chilled MCB coolers using propylene refrigerant	9903.88.14	9/20/2019	9/20/2020		
8419.50.5000	Heat exchangers, each valued not over \$17,000	9903.88.14	9/20/2019	9/20/2020		
8419.50.5000	Industrial tubular heat exchange units	9903.88.14	9/20/2019	9/20/2020		
8419.90.2000	Formed sheet metal guards suitable for attachment to drying rollers in papermaking machinery	9903.88.19	10/2/2019	10/2/2020		
8419.90.2000	Stretchers of stainless steel, designed to move rollers to adjust tension of paper fabric to be dried, each with a pivoting arm with an actuator, linear rail movement with an actuator, and front and back units with mounting holes for tube roll bearing housings	9903.88.05	12/28/2018	12/28/2019		
8419.90.3000	Heat exchanger plates, cores, finned tubes, cones, shells, bonnets, flanges and baffles	9903.88.14	9/20/2019	9/20/2020		
8419.90.3000	Heat exchanger plates, cores, finned tubes, cones, shells, bonnets, flanges and baffles	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8420.10.9040	Calendering machines other than for metals or glass, such machines each weighing more than 12,000 kg	9903.88.14	9/20/2019	9/20/2020		
8420.10.9040	Thermal roll laminators, each valued not over \$450	9903.88.14	9/20/2019	9/20/2020		
8420.10.9080	Roller machines designed for cutting, etching or embossing paper, foil or fabric, manually powered	9903.88.07	4/18/2019	4/18/2020	4/8/2020	4/18/2021
8420.10.9080	Roller machines with dies for embossing paper, manually powered	9903.88.05	12/28/2018	12/28/2019	12/28/2019	12/28/2020
8420.99.9000	Chemically etched dies of steel, steel-rule cutting dies, movable magnetic dies, embossing folders and plastic embossing diffusers, of a kind used in manually-powered roller machines for etching or stenciling a single sheet of cardstock, paper, leather, flexible magnet, plastics, metallic foil, vellum, felt or fabric, such sheets measuring not more than 50.8 cm in width or length	9903.88.19	10/2/2019	10/2/2020		
8420.99.9000	Cutting pads, platforms, base plates, pads, shims, trays, which function as guides for hand-operated table-top calendering machines of a width not exceeding 51 cm	9903.88.14	9/20/2019	9/20/2020		
8421.19.0000	Salad spinners, of plastics, not electrically powered	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8421.19.0000	Salad spinners of plastics, with capacity of at least 2.4 liters but not more than 3.8 liters	9903.88.05	12/28/2018	12/28/2019		
8421.21.0000	Water filtering apparatus, each valued not over \$1.50	9903.88.19	10/2/2019	10/2/2020		
8421.21.0000	Glass water filtration pitchers and filters	9903.88.14	9/20/2019	9/20/2020		
8421.21.0000	Household alkaline water ionizer and filtration apparatus	9903.88.14	9/20/2019	9/20/2020		
8421.21.0000	Household water filter cartridges	9903.88.14	9/20/2019	9/20/2020		
8421.21.0000	Ionization filters valued over \$35 but not over \$45 each	9903.88.14	9/20/2019	9/20/2020		
8421.21.0000	Water filters for pet water fountains	9903.88.14	9/20/2019	9/20/2020		
8421.21.0000	Filtering or purifying machinery or apparatus of a kind used for waste water treatment	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8421.21.0000	Apparatus, including pitchers, bottles, and units designed for incorporation into refrigerators, appliances or sink faucets, the foregoing fitted with filters for filtering or purifying water	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8421.21.0000	Filtering apparatus, fitted with pumps, designed for use in pools, spas or similar contained bodies of water	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8421.21.0000	Submersible machinery for filtering water, designed for use in pools, basins, aquariums, spas or similar contained bodies of water	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8421.21.0000	Water distillation machinery and apparatus not covered by heading 8419	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8421.21.0000	Water oxidizers and chlorinators	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8421.21.0000	Machinery designed for removing waste from water in saltwater aquariums by injecting air bubbles then filtering such bubbles	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8421.21.0000	Electronic water oxidizers designed for purifying water for household washing machines	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8421.21.0000	Machinery for filtering water, submersible, powered by batteries, manually operated, such machinery designed for use in pools, basins, aquariums, spas or similar contained bodies of water	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8421.21.0000	Hand-held ultraviolet water purifiers, powered by batteries	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8421.21.0000	Nonelectric water filtration apparatus consisting of three cylinder-shaped filter cartridges, each measuring 6.35 cm by 26.67 cm, having water storage tank and plastic tubing measuring 0.63 cm or more but not over 0.95 cm, presented with installation kit	9903.88.05	12/28/2018	12/28/2019		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8421.22.0000	Filters designed to remove sulfites from wine	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8421.29.0065	Liquid treatment process modules designed to separate ethylene dichloride (EDC) from an EDC/water/acid solution, containing an EDC decanter, heat exchangers and pumps, measuring not over 23 meters by 23 meters by 25 meters	9903.88.19	10/2/2019	10/2/2020		
8421.29.0065	Accumulators for heat pumps and air conditioners, valued over \$8 but not over \$12 each	9903.88.14	9/20/2019	9/20/2020		
8421.29.0065	Basket, Y-type or duplex strainers, each having a threaded or flanged-style end	9903.88.14	9/20/2019	9/20/2020		
8421.29.0065	Cage-type cartridges, designed to remove water directly from fuel tanks, valued not over \$2 each	9903.88.14	9/20/2019	9/20/2020		
8421.29.0065	Filtering or purifying machinery valued over \$2,500,000	9903.88.14	9/20/2019	9/20/2020		
8421.29.0065	Hydraulic fluid filters, rated at less than 100 kPa, measuring no more than 10 cm in diameter and 12 cm in length, each valued not more than \$2	9903.88.14	9/20/2019	9/20/2020		
8421.29.0065	Polymer filtration systems of a kind used to separate solid contaminants from liquid polymers, each valued over \$30,000 but not over \$40,000	9903.88.14	9/20/2019	9/20/2020		
8421.29.0065	Receiver-driers for air conditioning units used in commercial vehicles	9903.88.14	9/20/2019	9/20/2020		
8421.29.0065	Stainless steel mesh filters with plastic cores, of a kind used for preventing clogs in paint sprayers, each valued not over \$1.50	9903.88.14	9/20/2019	9/20/2020		
8421.39.8015	Air purification equipment, electrically powered, weighing less than 36 kg	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8421.39.8015	Dust collection equipment for cement, minerals and mining industries	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8421.39.8040	Chlorine absorption process modules designed to dissolve chlorine gas, produced through the interaction of salt water and hydrochloric acid, in a liquid, measuring not over 35 meters by 23 meters by 26 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Gas treatment process modules, each containing a methylenediphenyl diamine (MDA) vent scrubber and nitrogen gas stripping column, designed to use aniline to filter MDA from the nitrogen gas stripping column, measuring not over 26 meters by 21 meters by 17 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Gas treatment process modules, each containing a reactor vent scrubber designed to scrub evaporated phosgenation reaction liquid with chlorobenzene, measuring not over 26 meters by 22 meters by 22 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Gas treatment process modules, each containing scrubbers and decomposers designed to remove hazardous gases on the surface of packing in packed columns, measuring not over 21 meters by 17 meters by 36 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Methylene diphenyl diisocyanate (MDI) isomers separation process modules designed to purify MDI gas, measuring not over 24 meters by 21 meters by 22 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Modules, each consisting of a carbon dioxide (CO2) stripper and heat exchangers designed to remove CO2 from solutions to produce 1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide (EDC), measuring not over 20 meters by 20 meters by 17 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Process modules containing activated carbon absorbers designed to absorb volatile organic compounds, measuring not over 21 meters by 20 meters by 15 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Thermal oxidizer modules (TOx) designed to destroy hazardous compounds in water vapors, gases and liquids produced during the ethylene dichloride (EDC) and methylene diphenyl isocyanate (MDI) production processes, containing a combustion chamber and scrubber for conversion of nitrogen oxide (NOX) to nitrogen (N2), measuring not over 35 meters by 20 meters by 14 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8040	Thermal oxidizer modules (TOx) designed to destroy hazardous compounds in water vapors, gases and liquids produced during the ethylene dichloride (EDC) and methylene diphenyl isocyanate (MDI) production processes, containing a combustion chamber and scrubber for conversion of nitrogen oxide (NOX) to nitrogen (N2), measuring not over 31 meters by 24 meters by 20 meters	9903.88.19	10/2/2019	10/2/2020		
8421.39.8090	Disposable plastic filters of a kind suitable for filtering and dehumidifying a patient's breath in a medical device such as a gas analyzer	9903.88.14	9/20/2019	9/20/2020		
8421.99.0040	Fiberglass-reinforced polyethylene pressure vessels	9903.88.14	9/20/2019	9/20/2020		
8421.99.0040	Parts of filters, each valued not over \$8	9903.88.14	9/20/2019	9/20/2020		
8421.99.0040	Parts of swimming pool vacuum cleaners	9903.88.14	9/20/2019	9/20/2020		
8421.99.0040	Self-cleaning filters, of stainless steel, of a kind suitable for use in filtering municipal, agricultural or industrial water supplies, valued over \$700 but not over \$800 each	9903.88.14	9/20/2019	9/20/2020		
8421.99.0040	Swimming pool filter cartridges	9903.88.14	9/20/2019	9/20/2020		
8421.99.0040	Filter housings, covers, or couplings, the foregoing of steel and comprising parts of machinery or apparatus for filtering liquids	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8421.99.0080	Paint sprayer filters of paper, with steel mesh casings and plastic end caps, valued not over \$1 each	9903.88.14	9/20/2019	9/20/2020		
8421.99.0080	Parts of vortex gas separators	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8421.99.0080	Cast steel and steel structural forms designed for use in filtering machines, such machines used in mining or manufacturing facilities	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8421.99.0080	Parts of air filtering machines or apparatus, the foregoing of cast steel and steel	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8422.30.9191	Vacuum sealing machines, each valued over \$30 but not over \$40	9903.88.14	9/20/2019	9/20/2020		
8422.90.0640	3-member slides with ball bearings, of stainless steel, for use in household dishwashers	9903.88.14	9/20/2019	9/20/2020		
8422.90.0640	Stamped outer door panels of stainless steel for household dishwashing machines	9903.88.14	9/20/2019	9/20/2020		
8423.20.1000	Electronic scales for continuous weighing of quartz, powder and resin on conveyors, capable of measuring 2 kg or more but not exceeding 100 kg of materials per minute	9903.88.14	9/20/2019	9/20/2020		
8425.39.0100	Winches, each having a steel frame with a ratchet and pawl mechanism, operated manually	9903.88.14	9/20/2019	9/20/2020		
8425.39.0100	Ratchet winches designed for use with textile fabric strapping	9903.88.07	4/18/2019	4/18/2020	4/8/2020	4/18/2021
8425.39.0100	Winches, each having a winch frame with a corrosion resistant coating and stainless steel mandrel with nylon bushings, operated manually by a worm gear mechanism	9903.88.05	12/28/2018	12/28/2019		
8427.10.4000	Trucks, Rider-type, Counterbalanced Fork-lift, Self-propelled Powered By An Electric Motor	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8427.10.8010, prior to 7/1/19 or 8427.10.8030, post 7/1/19	Electric operator-riding pallet trucks, each with a load capacity not exceeding 3,700 kg	9903.88.14	9/20/2019	9/20/2020		
8427.10.8010, prior to 7/1/19 or 8427.10.8030, post 7/1/19	Electric operator-riding reach-type fork-lift trucks, each with a load capacity exceeding 1,300 kg but not exceeding 2,100 kg	9903.88.14	9/20/2019	9/20/2020		
8427.10.8020	Operator riding self-propelled aerial work platforms of a kind described in statistical note 1 to chapter 84, powered by an electric motor, with a load capacity not exceeding 1,400 kg	9903.88.19	10/2/2019	10/2/2020		
8427.10.8090	Self-propelled fork-lift and platform trucks, each powered by an electric motor and controlled by walking operator	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8427.20.4000	Rider-type, counterbalanced fork-lift trucks, each powered by an internal combustion engine, with pneumatic tires, having a load capacity of 900 kg or more but not exceeding 18,000 kg	9903.88.14	9/20/2019	9/20/2020		
8427.20.4000	Rider-type, counterbalanced fork-lift trucks, each powered by an internal combustion engine, with solid tires, having a load capacity of 1,300 kg or more but not exceeding 3,000 kg	9903.88.14	9/20/2019	9/20/2020		
8427.20.8090	Fork-lift trucks, propane gas powered, having a rated lift capacity over 9.5 metric tons but not exceeding 33 metric tons	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8428.32.0000	Belt conveyors, each comprising a frame with leveling feet, electric motor and food grade plastic conveyor belt	9903.88.05	12/28/2018	12/28/2019		
8428.32.0000	Elevators, comprising L-shaped steel buckets bolted to a steel chain, with guide rollers and a drive system	9903.88.05	12/28/2018	12/28/2019		
8428.33.0000	Apron-type chain conveyor	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8428.33.0000	Continuous action elevators and conveyors, designed to convey mineral materials	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8428.33.0000	Belt conveyors, each comprising a welded frame with leveling feet and casters, electric motor and food grade plastic modular conveyor belt	9903.88.05	12/28/2018	12/28/2019		
8428.39.0000	Roller conveyors with pallet rotators or pallet corner rotators	9903.88.14	9/20/2019	9/20/2020		
8428.39.0000	Continuous action elevators and conveyors of the kind designed for use in airports for handling baggage	9903.88.14	9/20/2019	9/20/2020		
8428.39.0000	Roller conveyors	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8428.39.0000	Vibrating conveyors	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8428.39.0000	Steel L-shaped bucket elevators, each comprising steel buckets bolted to a steel chain with guide wires and drive system	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8428.90.0290	Rotary positioning machines for use with machine tools	9903.88.14	9/20/2019	9/20/2020		
8428.90.0290	Garage door opener/closers	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8428.90.0290	Hinged steel transfer machinery, designed for diverting goods from and to conveyor lines	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8428.90.0290	Rotating bench, electrically powered, designed for turning a workpiece in a production line	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8428.90.0290	Rotating fork machines, designed for lifting and depositing coiled steel bars in a production line	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8429.20.0000	Motor grader weighing more than 14 metric tons but not over 21 metric tons	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8429.40.0020	Vibratory, self-propelled tamping machines, each with drum roller	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8429.40.0040	Self-propelled pneumatic compactors, each weighing over 14 metric tons but not over 28 metric tons	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8429.51.1015	New articulated shovel loaders, wheeled, each with 4-wheel drive, rear mounted engine and a bucket capacity of under 1.5 m3, rated at not over 26 horsepower	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8429.51.1035	Tractor shovel loaders, each with 4 wheel drive, a bucket capacity of at least 2.9 m3 but under 3.8 m3, engine of 168 kW to 180 kW, operating weight of 19.1 t (42,000 lbs.)	9903.88.19	10/2/2019	10/2/2020		
8429.51.1040	Integrated tractor shovel loaders, each with 4 wheel drive, a bucket capacity of at least 3.8 m3 but less than 5.2 m3 and an operating weight of 17.5 metric tons or more but not over 20 metric tons	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8429.51.1045	Shovel loaders with an operating weight of from 30 metric tons to 36 metric tons	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8429.51.1050	Shovel loaders with an operating weight of from 30 metric tons to 36 metric tons	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8429.51.1055	Shovel loaders, each with a bucket capacity of 11.4 m3 to 12 m3 , and an operating weight of 30,000 kg or more but not exceeding 36,000 kg	9903.88.14	9/20/2019	9/20/2020		
8429.51.5010	Rubber track shovel loaders having a lift capacity not over 375 kg	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8429.52.1010	New, track-mounted hydraulic backhoes or hydraulic shovels, each with a 360-degree revolving superstructure	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8430.10.0000	Pile drivers, diesel powered	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8430.31.0040	Rock breaking machines, self-propelled	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8431.10.0010	Grooved wire rope drum valued over \$350	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8431.10.0090	Winch handles	9903.88.14	9/20/2019	9/20/2020		
8431.20.0000	Parts suitable for use solely or principally with self-propelled works trucks powered by an electric motor and fitted with lifting or handling equipment of subheading 8427.10	9903.88.14	9/20/2019	9/20/2020		
8431.20.0000	Counterweight castings of iron or steel, designed for use on skid loaders	9903.88.14	9/20/2019	9/20/2020		
8431.20.0000	Counterweight castings of iron or steel designed for use on fork lift and other works trucks	9903.88.07	4/18/2019	4/18/2020	4/8/2020	4/18/2021
8431.20.0000	Tines, carriages, and other goods handling apparatus and parts designed for use on fork lift and other works trucks	9903.88.07	4/18/2019	4/18/2020	4/8/2020	4/18/2021
8431.31.0040	Escalator drive assemblies consisting of a motor, planetary gear and gearbox	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8431.31.0040	Escalator steps	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8431.31.0060	Parts of passenger or freight elevators consisting of any of the following: elevator emergency brake and speed governor apparatus, scissor lift assemblies, telescoping boom lift assemblies or articulating boom lift assemblies	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8431.39.0010	Baggage carriers, of polyethylene, suitable for use solely or principally with conveyers of subheading 8428.39	9903.88.14	9/20/2019	9/20/2020		
8431.39.0010	Drive frames weighing over 3.6 metric tons and parts thereof	9903.88.14	9/20/2019	9/20/2020		
8431.39.0010	Belt conveyor crossmember assemblies	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8431.39.0010	Conveyor roller support brackets	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8431.39.0010	Carriers designed for holding motor vehicles in overhead conveyors	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8431.39.0010	Catenary idler stringers	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8431.39.0010	Conveyor belt assemblies incorporating bearings	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8431.39.0010	Conveyor line pans, the foregoing parts suitable for use solely or principally with coal mine conveyors	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	



HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8431.39.0010	Conveyor spill plates	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8431.39.0010	Welded frames designed to support conveyor rollers	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8431.39.0070	Counterweights for log handling equipment	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8431.41.0040	Grappler attachments, other than buckets, each valued over \$250 but not over \$350	9903.88.14	9/20/2019	9/20/2020		
8431.41.0040	Grappler buckets, each valued over \$800 but not over \$900	9903.88.14	9/20/2019	9/20/2020		
8431.43.8060	Cement retainer assemblies with diameter of 4.5 cm or more but not exceeding 51 cm and length of 30.5 cm or more but not exceeding 72 cm, composed of cylindrical cast iron components, nitrile rubber seal and brass back-up rings, suitable for use solely or principally with the machinery of 9 subheadings 8430.41 or 8430.49	9903.88.19	10/2/2019	10/2/2020		
8431.43.8060	Bridge plug assemblies for oil and gas boring or sinking machinery, other than for offshore oil and natural gas drilling and production platforms	9903.88.14	9/20/2019	9/20/2020		
8431.49.9010	Feed pushers, bale forks, scrapers and frames therefor	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8431.49.9020	Metal frames or assemblies of a kind suitable for use as attachments to agricultural tractors	9903.88.14	9/20/2019	9/20/2020		
8431.49.9044	Backhoe counterweights each weighing more than 400 kg but not more than 600 kg	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8431.49.9044	Excavator crawler shoes	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8431.49.9095	Snow plow blades and frames therefor	9903.88.19	10/2/2019	10/2/2020		
8431.49.9095	Counterweight castings of iron or steel designed for use on excavators and wheel loaders	9903.88.14	9/20/2019	9/20/2020		
8431.49.9095	Dredge cutter teeth, comprising parts suitable for use solely or principally with the machinery of heading 8429 or 8430	9903.88.14	9/20/2019	9/20/2020		
8431.49.9095	Vulcanized rubber tracks, each incorporating cords and cleats of steel, designed for use on construction equipment	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8432.90.0020	Wheel and tire assemblies, each having a wheel of plastics no more than 20 cm in diameter and 16 cm in width and having a tire of rubber no more than 40 cm in diameter and 16 cm in width	9903.88.19	10/2/2019	10/2/2020		
8432.90.0050	Parts of harrows or cultivators incorporating bearings	9903.88.14	9/20/2019	9/20/2020		
8432.90.0060	Assemblies of parts of seeders for transmitting mechanical hand motions to the gate mechanism for starting, adjusting and stopping the flow of seeds	9903.88.19	10/2/2019	10/2/2020		
8432.90.0060	Parts of fertilizer distributors	9903.88.19	10/2/2019	10/2/2020		
8432.90.0060	Wheels, of plastics, each wheel being not more than 16 cm in diameter and not more than 8 cm in width	9903.88.19	10/2/2019	10/2/2020		
8432.90.0060	Ductile iron casting, weighing more than 0.75 kg but not more than 18.25 kg, with a maximum dimension exceeding 190 mm but not exceeding 695 mm	9903.88.14	9/20/2019	9/20/2020		
8432.90.0060	Seeder or spreader baffle and baffle assemblies	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8432.90.0060	Seeder or spreader frames	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8432.90.0060	Seeder or spreader handles	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8432.90.0060	Seeder or spreader hopper assemblies	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8432.90.0060	Seeder or spreader hopper grates	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8432.90.0060	Seeder or spreader impellers	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8436.10.0000	Electrically powered granulator machine	9903.88.14	9/20/2019	9/20/2020		
8436.80.0090	Animal feeding machinery	9903.88.14	9/20/2019	9/20/2020		
8436.80.0090	Chipper/shredder machines, electrically powered	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8436.80.0090	Chipper/shredder machines, gasoline powered, valued less than \$250 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8436.80.0090	Malt production equipment	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8436.99.0090	Parts of animal feeding machinery	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8438.80.0000	Machinery for mixing beverages in single servings for direct human consumption, designed for use in commercial food service establishments	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8438.80.0000	Machinery for reconstituting single serving beverages for direct human consumption from frozen pre-packaged portions, designed for use in commercial food service establishments	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8439.10.0010	Complete pulp making mills, including pulping machinery, screening machinery, cleaning machinery, settling tanks, pumps and filters, each mill valued in its entirety at more than \$2 million and less than \$4 million	9903.88.19	10/2/2019	10/2/2020		
8439.91.9000	Rotors designed to agitate paper and water into pulp, of stainless steel, the foregoing comprising parts of machinery for making pulp of fibrous cellulosic materials	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8439.99.1000	Complete sections of paper or paperboard making machines, whether or not assembled, for forming (transforming a slurry into a solid sheet) paper or paperboard	9903.88.19	10/2/2019	10/2/2020		
8439.99.1000	Subassemblies of the pressing and forming sections of paper or paperboard making machines, whether or not assembled, for assisting in replacement of rollers and fabric	9903.88.19	10/2/2019	10/2/2020		
8439.99.1000	Guards of stainless steel, designed to shield operators of papermaking machines from moving or rotating equipment, each with dimensions ranging from 30 cm by 30 cm by 50 cm to 50 cm by 50 cm by 4 m, weighing 30 kg or more but not over 100 kg	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Scrapers ("doctors") of stainless steel, designed to scrape impurities from the rotating roll surface of the forming and press sections of papermaking machines, each comprising a beam with a blade of non-symmetrical cross section, long aspect ratio, and mounting journals and turning devices on either end, with dimensions ranging from 50 cm by 50 cm by 8 m to 60 cm by 6 m by 11 m, weighing 1 metric ton or more but not over 3 metric tons	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Frameworks of the forming and press section of papermaking machines, of stainless steel or clad mild steel with stainless or acid proof steel, each with dimensions ranging from 1 m by 1 m by 1 m to 2.3 m by 2.3 m by 12 m, weighing 500 kg or more but not over 40 metric tons	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Guides of stainless steel, designed for locating conveyer belts on papermaking machines, each with a moving arm with an actuator and front and back units with mounting holes for tube roll bearing houses, each with dimensions ranging from 40 cm by 50 cm by 30 cm to 1 m by 1 m by 50 cm, weighing 300 kg or more but not over 500 kg	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Rollers of steel and cast iron ("nip rollers") with bearing journals on either end, designed for use in paper manufacturing to mechanically compress paper web to remove water or impart desired mechanical properties in paper web, each with a polymer cover, the foregoing with length of 7 m or more but not over 12 m, with diameter of 1 m or more but not over 1.5 m, weighing 15 metric tons or more but not over 30 metric tons	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Open containers ("savealls") of stainless steel, designed to catch water run off generated in the papermaking process, constructed of large square shaped plates and flat constructions with mounting holes on ends, each with dimensions ranging from 50 cm by 50 cm by 50 cm to 1.5 m by 1 m by 10 m, weighing 50 kg or more but not over 2 metric tons	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Stretchers of stainless steel, designed to move rollers of papermaking machines to adjust tension of fabric, each with a pivoting arm with an actuator, linear rail movement with an actuator and front and back units with mounting holes for tube roll bearing housings	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Suction boxes of stainless steel, which remove water from paper web or papermaking fabrics during papermaking, each with dimensions ranging from 50 cm by 50 cm by 8 m to 1 m by 1 m by 10 m, weighing 1.5 metric tons or more but not over 2 metric tons	9903.88.05	12/28/2018	12/28/2019		
8439.99.1000	Rollers of stainless steel or cast iron, designed for use in paper manufacturing to support and convey papermaking cloth (i.e. fabric) or the paper web, each weighing 7 metric tons or more but not over 20 metric tons, measuring 7 m or more but not over 12 m in length, with diameter of 40 cm or more but not over 1.5 m, presented with bearing journals on either end and a polymer cover	9903.88.05	12/28/2018	12/28/2019		
8439.99.5000	Sizer nip rolls of steel and cast iron with polymer cover for finishing paper or paperboard	9903.88.19	10/2/2019	10/2/2020		
8441.40.0000	Machines, of a kind used to produce cylindrical paper drinking straws	9903.88.14	9/20/2019	9/20/2020		
8443.99.2010	Ink cartridges, each weighing more than 1 kg	9903.88.14	9/20/2019	9/20/2020		
8443.99.2050	Stapler-stackers of printer units of subheading 8443.32.10, and parts thereof	9903.88.19	10/2/2019	10/2/2020		
8443.99.2050	Paper handling assemblies as described in Additional U.S. note 2(g) to chapter 84	9903.88.14	9/20/2019	9/20/2020		
8443.99.2050	Printer maintenance kits consisting of two or more replacement parts for printer units of subheading 8443.32.10 specified in additional U.S. note 2 to chapter 84	9903.88.14	9/20/2019	9/20/2020		
8454.30.0010	Cold-chamber die casting machines having a maximum casting volume of 52.78 m <sup>3</sup> , a die height of 0.4 m or more but not exceeding 1 m, and a maximum die locking force of 8,400 kN	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8455.22.0000	Machines for cold forming light-gauge coiled steel (such steel 0.35 cm or more but not exceeding 0.61 cm in thickness) into corrugated or other multiribbed panels (such panels 91.4 cm in width) by progressively passing the steel through at least 15 but no more than 20 shaped rolls and cutting to length with a hydraulic shear	9903.88.19	10/2/2019	10/2/2020		
8455.22.0000	Complete sheet pile rolling mills	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8455.22.0000	Rolling mills designed to form 4 to 5 ribbed metal panels not exceeding 95 cm wide	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8455.90.8000	Cylindrical side guides, the foregoing comprising parts of metal-rolling mills	9903.88.14	9/20/2019	9/20/2020		
8458.19.0020	Horizontal lathes for removing metal, electrically powered, not numerically controlled, each with mill head attachment mounted above the lathe headstock	9903.88.14	9/20/2019	9/20/2020		
8458.19.0020	Horizontal lathes, electrically powered not over 1.5 horsepower	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8458.99.1050	Vertical turret lathes, each weighing more than 10,000 kg	9903.88.19	10/2/2019	10/2/2020		
8459.10.0000	Way-type unit head machine tools, each valued over \$1,800 but not over \$2,200	9903.88.14	9/20/2019	9/20/2020		
8459.61.0080	New numerically-controlled milling machines capable of end beveling pipe of an outside diameter of 60 cm or more but not exceeding 305 cm	9903.88.14	9/20/2019	9/20/2020		
8459.69.0020	Benchtop milling machines, not numerically controlled, valued over \$400 but not over \$700 each	9903.88.14	9/20/2019	9/20/2020		
8462.29.0030	Press brakes, not numerically controlled, having a drive capacity rating of 3kW	9903.88.14	9/20/2019	9/20/2020		
8462.31.0080	Machines for slitting metal, numerically controlled, new, each weighing over 2,200 kg but not over 2,300 kg	9903.88.19	10/2/2019	10/2/2020		
8462.39.0050	New hydraulic shearing machines, not numerically controlled, with a power of 7.5 kW, valued at \$3,025 or more each	9903.88.14	9/20/2019	9/20/2020		
8462.91.8090	Machines for end-forming metal pipes, such pipes ranging in outside diameter from 60 cm or more but not exceeding 305 cm	9903.88.14	9/20/2019	9/20/2020		
8462.91.8090	Hydraulic presses, not numerically controlled, each valued over \$85,000 but not over \$110,000	9903.88.14	9/20/2019	9/20/2020		
8464.90.0110	Glass-working machines, numerically controlled, each valued over \$50,000	9903.88.19	10/2/2019	10/2/2020		
8465.92.0034	Woodworking planers with two-knife cutter heads, other than for working in the hand, valued not over \$200 each	9903.88.19	10/2/2019	10/2/2020		
8465.92.0051	Woodworking routers, each with a 1,306 W (1-3/4 horsepower) motor and valued not over \$60	9903.88.14	9/20/2019	9/20/2020		
8465.93.0030	Edge belt sanders, each valued under \$150, other than for working in the hand, designed for a belt width not over 16 cm	9903.88.19	10/2/2019	10/2/2020		
8465.99.0220	Woodworking lathes, each with a motor of 224 watts (0.3 horsepower) or more but not exceeding 896 W (1.2 horsepower), the foregoing which operate at speeds of 600 to 3,500 rpm, valued not over \$130 each	9903.88.14	9/20/2019	9/20/2020		
8466.10.0175	Tool holders of a kind used to hold various types of metal working tools for use on milling machine spindles	9903.88.14	9/20/2019	9/20/2020		
8466.30.8000	Machine tool stands having leveling, stabilizing, attachment or other special features	9903.88.14	9/20/2019	9/20/2020		
8466.92.5010	Work stands designed for use with miter saws, whether or not wheeled	9903.88.14	9/20/2019	9/20/2020		
8466.92.5010	Workstands designed to use with miter saws, each with metal tube frame, 4 metal legs and 2 metal extension arms	9903.88.05	12/28/2018	12/28/2019		
8466.92.5010	Workstands designed for use with miter saws, each with wheels to make workstand mobile and with sides that fold up to extend the work area	9903.88.05	12/28/2018	12/28/2019		
8466.93.9885	Parts of drill sharpening machines	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8467.11.1040	Rotary grinders for working in the hand, suitable for metal working, each valued under \$10	9903.88.14	9/20/2019	9/20/2020		
8467.11.1040	Rotary sanders for working in the hand, suitable for metal working, each valued under \$20	9903.88.14	9/20/2019	9/20/2020		
8467.11.1080	Pneumatic rotary cutters, suitable for metal working, each with a maximum blade diameter of 11 cm and a maximum speed of 20,000 rpm, valued under \$10 each	9903.88.14	9/20/2019	9/20/2020		
8471.70.6000	Automated data processing storage units (other than magnetic disk drive units), not assembled in cabinets for placing on a table or similar place, not presented with any other unit of a system	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8471.70.9000	External optical disk drive storage units enclosed in cases, each valued under \$60	9903.88.14	9/20/2019	9/20/2020		
8473.40.1000	Printed Circuit Assemblies For Automatic Teller Machines Of Subheading 8472.90.10	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8473.40.8600	Parts of automatic teller machines	9903.88.14	9/20/2019	9/20/2020		
8474.10.0090	Stationary sand screening equipment having more than 90 but less than 182 metric ton per hour capacity	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8474.31.0000	Portable concrete or mortar mixers, electrically powered, with a capacity not exceeding 0.15 m <sup>3</sup>	9903.88.14	9/20/2019	9/20/2020		
8474.80.0015	Mineral pressing machine equipped with vibration motors	9903.88.14	9/20/2019	9/20/2020		
8474.90.0010	Feeder and vibratory flow equipment and parts thereof designed for use in screening or sorting machines; housings and noise reduction enclosures	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8477.20.0005	Machines for extruding rubber or plastics utilizing two successive singlescrew apparatus	9903.88.19	10/2/2019	10/2/2020		
8477.20.0015	Extrusion machines for processing rubber, twin-screw type, designed to produce inner liners for tires	9903.88.19	10/2/2019	10/2/2020		
8477.80.0000	Machines for cutting plastics, electrically powered, valued not over \$300 per unit	9903.88.19	10/2/2019	10/2/2020		
8477.80.0000	Electrically powered cutting machines for working supple plastics, valued not over \$300 per unit	9903.88.14	9/20/2019	9/20/2020		
8477.90.8501	Injection mold inserts	9903.88.14	9/20/2019	9/20/2020		
8477.90.8501	Mold base parts, each with a length of more than 19 cm but not more than 91 cm, a width of more than 3 cm but not more than 61 cm and a thickness of more than 2 cm but not more than 16 cm; the foregoing preconfigured with standard mill features such as drilled holes, slots and bushings to accommodate the various pins and tube dowels necessary for the functioning of the plastic injection mold	9903.88.14	9/20/2019	9/20/2020		
8477.90.8540	Sidewall plates, top bead rings, bottom bead rings and upper bag clamp rings, of steel, all the foregoing being parts of tire molds	9903.88.14	9/20/2019	9/20/2020		
8479.10.0060	Bituminous pavers, self-propelled, each with a weight exceeding 14.9 metric tons but not exceeding 18.2 metric tons, with working width of 2.4 m or more but not over 8.6 m	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8479.30.0000	Press machines for bamboo or other materials of a woody nature	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8479.81.0000	Electric wire coil-winder machines	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8479.82.0040	Machines of a kind suitable for mixing granules of rock or similar hard materials with plastic resin to form a homogenous mixture	9903.88.14	9/20/2019	9/20/2020		
8479.82.0040	Modularized plants for the manufacture of lithium hydroxide by functions involving mixing, kneading or stirring	9903.88.14	9/20/2019	9/20/2020		
8479.82.0040	Insulated mixing chambers of stainless steel, each having a capacity of 5 m <sup>3</sup> to 25 cubic meters	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8479.82.0080	Crushing or grinding machines, not used in the manufacture of beverages or crushing of mineral substances, each valued at more than \$10,000	9903.88.19	10/2/2019	10/2/2020		
8479.82.0080	Machines for crushing/grinding pills, each valued over \$20 but not over \$35	9903.88.14	9/20/2019	9/20/2020		
8479.89.9499	Granulating machines not specifically designated for use with specific particulate materials, each valued more than \$25,000	9903.88.14	9/20/2019	9/20/2020		
8479.89.9499	Vertical or single shaft shredding machines of a kind suitable for use in the recycling industry, weighing over 10,000 kg but not over 15,000 kg each	9903.88.14	9/20/2019	9/20/2020		
8479.90.9496	Parts of drain and sewer cleaning machines	9903.88.14	9/20/2019	9/20/2020		
8479.90.9496	Parts of suspension arms of a kind used in dental lighting or delivery systems	9903.88.14	9/20/2019	9/20/2020		
8479.90.9496	Outer shells of hydraulic accumulators, of iron or non-alloy steel, cylindrical with hemispherical heads on each end	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8479.90.9496	Parts of mechanical awnings and shades	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8479.90.9496	Reject doors, pin protectors, liners, front walls, grates, hammers, rotor and end disc caps, and anvil and breaker bars, of iron or steel, the foregoing parts of metal shredders	9903.88.07	4/18/2019	4/18/2020		
8479.90.9496	Steering wheels designed for watercraft, of stainless steel, having a wheel diameter exceeding 27 cm but not exceeding 78 cm	9903.88.07	4/18/2019	4/18/2020	4/8/2020	4/18/2021
8479.90.9496	certain parts of metal shredders				4/8/2020	4/18/2021
8480.20.0000	Mold bases, of steel, measuring 27.9 cm by 38.1 cm by 45.7 cm, each weighing 409.1 kg	9903.88.14	9/20/2019	9/20/2020		
8480.30.0000	Plastic injection molding patterns each valued over \$50,000	9903.88.14	9/20/2019	9/20/2020		
8480.71.8045	Injection type molds for rubber or plastics, others	9903.88.05	12/28/2018	12/28/2019		
8480.71.8060	Compression type tire mold	9903.88.14	9/20/2019	9/20/2020		
8481.10.0090	Pressure-reducing Valves, Others	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.10.0090	Pressure regulators of brass or bronze, whether high or low inlet type, having a rated flow rate of 55,000 - 150,000 BTU/hr, maximum inlet pressure of 0.17 MPa to 1. 72 MPa, inlet connection with POL or thread type of fitting	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8481.20.0020	Hydraulic solenoid timing valve each valued not over \$20	9903.88.14	9/20/2019	9/20/2020		
8481.30.2090	Check valves of steel having an internal diameter not less than 4.8 cm or exceeding 62.5 cm	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	

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8481.30.9000	Check valves, of plastics or rubber	9903.88.14	9/20/2019	9/20/2020		
8481.30.9000	Check valves, of acrylonitrile butadiene styrene (ABS), each weighing 120 g or less	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8481.30.9000	Check valves, of plastics	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8481.40.0000	Safety valves, of brass or bronze, containing a fusible element to automatically close the valve at a set temperature, each valued not over \$5	9903.88.19	10/2/2019	10/2/2020		
8481.90.9020	Ball type angle cock valve bodies, of cast iron, for oleohydraulic or pneumatic transmissions	9903.88.14	9/20/2019	9/20/2020		
8481.90.9020	Valve bodies, of aluminum, of valves for oleohydraulic or pneumatic transmissions	9903.88.14	9/20/2019	9/20/2020		
8481.90.9040	Hydraulic valve parts, other than valve bodies, of valves for oleohydraulic or pneumatic transmissions, each valued not over \$5	9903.88.14	9/20/2019	9/20/2020		
8481.90.9040	Armatures designed for use in hydraulic solenoid valves	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.90.9040	C-poles, of steel, designed for use in hydraulic solenoid control valves	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.90.9040	Metering spools, of aluminum, designed for use in hydraulic solenoid control valves	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.90.9040	Metering spools, of steel, designed for use in hydraulic solenoid control valves	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.90.9040	Poles, of steel, designed for use in hydraulic solenoid control valves	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.90.9040	Push pins, of steel, designed for use in hydraulic solenoid control valves	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.90.9040	Retainers, of steel, designed for use in hydraulic solenoid control valves	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8481.90.9040	Housings designed for hydraulic ball valves, of cast iron or steel, each measuring 5.7 cm by 3.2 cm and weighing 0.528 kg	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8481.90.9040	Pipe brackets of aluminum, each with 4 ports, the foregoing measuring 27.9 cm x 20.3 cm x 17.8 cm and weighing 11.34 kg, designed for installation into air brake control valves	9903.88.07	4/18/2019	4/18/2020	4/8/2020	4/18/2021
8481.90.9040	Push pins and C-poles of steel, designed for use in variable force solenoid valves	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8481.90.9040	Angle cock handle assemblies, of iron and steel, each measuring 11.43 cm by 21.59 cm by 5.08 cm and weighing 0.748 kg	9903.88.05	12/28/2018	12/28/2019	12/28/2019	12/28/2020
8481.90.9060	Foot valve housings, of a kind incorporated in paint spraying apparatus, with no external measurement greater than 5 cm	9903.88.19	10/2/2019	10/2/2020		
8481.90.9060	Bodies of pressure-reducing valves other than hand-operated or check valves and valves classified in 8481.20, such bodies of brass	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8481.90.9060	Bodies of valves other than hand-operated or check valves and valves classified in 8481.20, such bodies measuring over 18 cm but not exceeding 19 cm in length, valued over \$55 but not over \$65 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8481.90.9085	Valve pressure relief components, including body covers, and diaphragms	9903.88.14	9/20/2019	9/20/2020		
8482.10.5004	Unground ball bearings each valued not over \$4	9903.88.14	9/20/2019	9/20/2020		
8482.10.5008	Thrust bearings each valued not over \$2	9903.88.14	9/20/2019	9/20/2020		
8482.10.5016	Wheel hub bearing units, of steel, of a kind used on motor vehicles, trailers and lawn equipment, each having one flange for the wheel and brake attachment and a second flange for attaching to the vehicle suspension, and having a sealed and lubricated double row of bearings	9903.88.14	9/20/2019	9/20/2020		
8482.10.5016	Flanged wheel hub bearing units with ball bearings, each having an inner diameter exceeding 2.2 cm but not exceeding 2.8 cm	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8482.10.5024	Wheel hub angular contact bearing units, not flanged, valued over \$2 but not over \$10 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8482.10.5028	Angular contact ball bearings, not for use with wheel hub bearing units, having an inner diameter of 25 mm or greater but not exceeding 55 mm, an outer diameter of 50 mm or greater but not exceeding 95 mm, a width of 20 mm or greater but not exceeding 35 mm, with single or double row of steel balls and a cage of steel or plastics	9903.88.14	9/20/2019	9/20/2020		
8482.10.5028	Angular contact ball bearings, not over 40 mm in width, other than wheel hub bearing units	9903.88.14	9/20/2019	9/20/2020		
8482.10.5028	Single row angular contact ball bearings, other than wheel hub bearing units, valued over \$5.50 but not over \$6.25 each	9903.88.14	9/20/2019	9/20/2020		
8482.10.5032	Ball bearings of a width not exceeding 30 mm	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8482.10.5036	Single row radial bearings, with an outside diameter less than 9 mm, each valued not over \$1	9903.88.14	9/20/2019	9/20/2020		
8482.10.5044	Radial bearings, single row, having an outside diameter of 9mm and over but not over 30mm	9903.88.05	12/28/2018	12/28/2019		
8482.10.5048	Radial bearings, single row, having an outside diameter of over 30 mm but not over 52 mm	9903.88.05	12/28/2018	12/28/2019		
8482.10.5052	Radial bearings, single row, having an outside diameter of over 52 mm but not over 100 mm	9903.88.05	12/28/2018	12/28/2019		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8482.10.5056	Single row radial bearings, with an outside diameter over 100 mm, each valued not over \$9	9903.88.14	9/20/2019	9/20/2020		
8482.10.5060	Radial double row ball bearings, having an inner diameter of 10 mm or greater but not exceeding 90 mm, an outside diameter of 30 mm or greater but not exceeding 170 mm, and a width of 14.3 mm or greater but not exceeding 68.3 mm. with a cage of steel or plastics	9903.88.14	9/20/2019	9/20/2020		
8482.10.5060	Double row ball bearings having an inner diameter exceeding 15 mm but not exceeding 32 mm, an outer diameter exceeding 38 mm but not exceeding 64 mm and a width exceeding 15 mm but not exceeding 29 mm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8482.20.0061	Tapered roller bearings, with cups having an outside diameter exceeding 102 mm but not exceeding 203 mm, each valued not over \$9	9903.88.14	9/20/2019	9/20/2020		
8482.20.0070	Single row tapered roller bearing cone assemblies for cups having an outside diameter not exceeding 102 mm	9903.88.14	9/20/2019	9/20/2020		
8482.20.0081	Steel tapered roller bearing cone assemblies, entered without cups, with an inner race that extends beyond the width of the roller cage, for cups having an 17 outside diameter exceeding 102 mm but not exceeding 203 mm	9903.88.14	9/20/2019	9/20/2020		
8482.20.0081	Tapered roller bearing cone assemblies, each valued not over \$9, for cups having an outside diameter exceeding 102 mm but not exceeding 203 mm	9903.88.14	9/20/2019	9/20/2020		
8482.20.0090	Single row tapered roller bearing cone assemblies for cups having an outside diameter exceeding 203 mm	9903.88.14	9/20/2019	9/20/2020		
8482.30.0080	Spherical roller bearings, other than single row, with an inside diameter of 20 mm or greater but not exceeding 300 mm, an outside diameter of 50 or greater but not exceeding 300 mm, and a width of 15 mm or greater but not exceeding 100 mm	9903.88.14	9/20/2019	9/20/2020		
8482.40.0000	Needle roller bearings having an inside diameter of 2.54 cm, an outside diameter of 3.33 cm and a width of 3.81 cm and having cylindrical rollers of a uniform diameter not exceeding 5 mm and having a length which is at least three times the diameter	9903.88.19	10/2/2019	10/2/2020		
8482.40.0000	Needle roller bearings of a width not exceeding 30 mm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8482.50.0000	Cylindrical roller thrust bearings, each having an inside diameter of 77.2 mm, an outer diameter of 95.6 mm, and a width of 3.445 mm, comprising 64 cylindrical rollers measuring 2.24 mm in diameter and 5 mm in length, a steel cage and a steel axial washer	9903.88.14	9/20/2019	9/20/2020		
8482.99.0500	Inner bearing rings	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8482.99.0500	Outer bearing rings	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8482.99.6510	Adapter sleeve assemblies for spherical roller bearings consisting of a tapered sleeve adapter, a locknut and lock washer	9903.88.14	9/20/2019	9/20/2020		
8482.99.6595	Bearing shields	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8483.40.9000	Non-toothed gears for office printers, each valued not over \$7	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8483.50.6000	Flywheels of a kind used in manual automotive transmission	9903.88.14	9/20/2019	9/20/2020		
8483.50.9040	Grooved Pulleys, Others	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
8483.50.9080	Non-grooved pulleys, each incorporating a deep groove roller bearing	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8483.50.9080	Non-grooved pulleys, zinc plated, each valued not over \$3	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8483.60.4080	Universal joints, each weighing not more than 5 kg	9903.88.14	9/20/2019	9/20/2020		
8483.90.1010	Chain sprockets with forged hubs, the foregoing with outer diameter of 59.4 mm or greater but not exceeding 999.4 mm and width of 22.4 mm or greater but not exceeding 114.3 mm	9903.88.14	9/20/2019	9/20/2020		
8483.90.1050	Chain sprockets, each not more than 55 mm in diameter	9903.88.14	9/20/2019	9/20/2020		
8483.90.8010	Coupling covers, including center members, flanged hubs, sleeves and shoes	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8483.90.8080	Hubs for conveyor pulleys with an outside diameter of more than 5 cm but not more than 56 cm	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8484.10.0000	Gaskets of metal sheeting combined with other material or of two or more layers of metal, each of the foregoing valued not over \$3	9903.88.14	9/20/2019	9/20/2020		
8487.90.0080	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, and not specified or included elsewhere in chapter 84, each valued not over \$20	9903.88.14	9/20/2019	9/20/2020		
8487.90.0080	Handles for machinery	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8501.10.4020	AC motors, C-frame single-phase induction-type, without external housing, of an output not exceeding 18.65 W, not synchronous, each valued not over \$20	9903.88.14	9/20/2019	9/20/2020		
8501.10.4020	Electric motors, AC, permanent split capacitor type, not exceeding 16 W	9903.88.14	9/20/2019	9/20/2020		
8501.10.4020	Electric motors, AC, permanent split capacitor type, with a height of 97.5 mm or more but not exceeding 127.0 mm and a length of 82.8 mm or more but not exceeding 226.0 mm, with an output of 8.9 kW or more but not exceeding 12 kW. 60 hertz	9903.88.14	9/20/2019	9/20/2020		
8501.10.4020	Shaded-pole AC motors, of an output not exceeding 18.65 W, each valued not over \$5	9903.88.14	9/20/2019	9/20/2020		
8501.10.4020	Electric motors, AC, permanent split capacitor type, each in a housing with outside diameter of 84 mm or less, with output of 6 W or more but not exceeding 16 W	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
8501.10.4040	Brushless motors, of an output not exceeding 18.65 W, not synchronous, each valued not over \$0.50	9903.88.14	9/20/2019	9/20/2020		
8501.10.4060	DC electric motors, of an output of less than 18.65 W, other than brushless, measuring less than 38 mm in diameter	9903.88.19	10/2/2019	10/2/2020		
8501.10.4060	DC servo motors or actuators, of an output of under 18.65 W, valued over \$2 but not over \$2.50 each	9903.88.14	9/20/2019	9/20/2020		
8501.10.4060	Electric motors of a width exceeding 7.5 cm but not exceeding 7.8 cm	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8501.10.4060	DC electric motors, of an output of less than 18.65 W, valued over \$4, other than brushless	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8501.20.2000	Universal AC/DC motors, each rated at more than 37.5 W but not more than 65 W and valued at less than \$20	9903.88.14	9/20/2019	9/20/2020		
8501.20.6000	Quarter-turn actuator motors, of an output exceeding 746 W, each valued not over \$140	9903.88.14	9/20/2019	9/20/2020		
8501.31.2000	DC gear motor of an output exceeding 37.5 W but not exceeding 74.6 W, with a spring coupling mechanism, an output shaft and a locking connector	9903.88.19	10/2/2019	10/2/2020		
8501.31.2000	DC motor of an output exceeding 37.5 W but not exceeding 74.6 W, an actuator with an adjustable rod end with bushing, a bushing for rear mounting, a power cable and a connector	9903.88.19	10/2/2019	10/2/2020		
8501.31.2000	Wound field two-speed DC motors and permanent magnet brushed DC motors, of an output exceeding 67 W but not exceeding 69 W, valued \$8 or more but not exceeding \$17 each	9903.88.19	10/2/2019	10/2/2020		
8501.31.2000	DC motors, brushless, of an output rated at 48 W or greater but not exceeding 60 W, each valued not over \$14	9903.88.14	9/20/2019	9/20/2020		
8501.31.2000	DC motors, brushless, rated at 32 V, designed to operate in saltwater environment, each valued over \$35	9903.88.14	9/20/2019	9/20/2020		
8501.31.2000	DC motors, of an output exceeding 37.5 W but not exceeding 74.6 W, each incorporating a thermal switch, the foregoing valued not over \$22	9903.88.14	9/20/2019	9/20/2020		
8501.31.2000	DC motors, of an output exceeding 37.5 W but not exceeding 74.6 W, valued over \$2 but not over \$30 each	9903.88.14	9/20/2019	9/20/2020		
8501.31.2000	DC motors, each valued over \$125, with attached stranded copper cord	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8501.31.5000	DC motors rated at 739.6 W, each with a housing with external diameter of 85 mm or more but not exceeding 90 mm and weight of 257 g or less	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8501.31.6000	DC motors, electronically commutated, three-phase, eight-pole of a kind used in HVAC systems, of an output of 750 W, valued not over \$100 each	9903.88.19	10/2/2019	10/2/2020		
8501.31.6000	Brushless, variable speed, DC motors, of an output of 750 W	9903.88.14	9/20/2019	9/20/2020		
8501.31.6000	DC motor and gear box assemblies, of an output of 746 W or more but not exceeding 750W, of a kind used to open and close a swing door, the foregoing valued not over \$300 each	9903.88.14	9/20/2019	9/20/2020		
8501.51.2040	AC motors, multi-phase, of an output exceeding 37.5 W but not exceeding 74.6 W, other than gear motors, each weighing less than 600 grams and valued less than \$15	9903.88.14	9/20/2019	9/20/2020		
8501.51.4040	Multi-phase AC motors, of an output not exceeding 110 W, other than gear motors	9903.88.19	10/2/2019	10/2/2020		
8501.51.4040	AC motors, multiphase, of a kind used with paint sprayers to regulate the flow of paint, of an output exceeding 74.6 W but not exceeding 735 W, valued not over \$200 each	9903.88.14	9/20/2019	9/20/2020		
8501.51.4040	AC motors, multi-phase, of an output exceeding 37.5 W but not exceeding 74.6 W, each fitted with a timing belt	9903.88.14	9/20/2019	9/20/2020		
8501.51.4040	AC motors, multi-phase, of rolled steel frame construction	9903.88.14	9/20/2019	9/20/2020		
8501.52.4000	multi-phase AC motors of an output of at least 5.8 kW but not exceeding 14.92 kW, each assembled with planetary gears and a gearbox		2/11/2020	10/1/2020		
8501.52.8040	AC motors, multi-phase, of an output exceeding 14.92 kW or more but not exceeding 75 kW, not of a kind used in civil aircraft	9903.88.19	10/2/2019	10/2/2020		
8501.52.8040	AC motors, multiphase, of an output exceeding 74 kW but not exceeding 75 kW, other than for use in civil aircraft	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8501.52.8040	AC electric motors, multi-phase, of an output exceeding 14.92 kW but not exceeding 75 kW, other than for use in civil aircraft	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8501.53.4080	AC motors, multi-phase, of an output exceeding 93 kW but not exceeding 112 kW	9903.88.14	9/20/2019	9/20/2020		
8501.53.4080	AC motors, multi-phase, each of an output exceeding 75 kW but less than 149.2 kW	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8501.53.8040	AC motors, multi-phase, of an output of 186.5 kW or more but not exceeding 373 kW, having a cast iron frame construction	9903.88.14	9/20/2019	9/20/2020		
8501.53.8040	AC multi-phase motors, each of an output exceeding 300 kW but not exceeding 310 kW, fitted with pulleys and brakes to raise and lower passenger elevators	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8501.53.8060	AC multi-phase motors, each with an output exceeding 450 kW, fitted with pulleys and brakes	9903.88.19	10/2/2019	10/2/2020		
8501.62.0000	AC generators (alternators) with output exceeding 75 kVA but not exceeding 375 kVA, designed for electric generating sets of heading 8502	9903.88.19	10/2/2019	10/2/2020		
8501.62.0000	AC generators, each weighing over 250 kg but not more than 1 metric ton and valued not over \$2,400	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8501.63.0000	AC generators, each having copper windings and weighing more than 900 kg but not more than 1700 kg	9903.88.14	9/20/2019	9/20/2020		
8501.64.0025	AC generators, of an output exceeding 750 kVA but not exceeding 10,000 kVA, each having copper windings and weighing more than 1650 kg but not more than 4100 kg, other than for wind-powered generating sets classified within 8502.31.00	9903.88.14	9/20/2019	9/20/2020		
8502.11.0000	Generator sets each weighing more than 650 kg but not over 830 kg	9903.88.14	9/20/2019	9/20/2020		
8503.00.6500	Armatures, other than for motors of under 18.65 W, other than for generators for civil aircraft, each valued not over \$5	9903.88.14	9/20/2019	9/20/2020		
8503.00.6500	Motor field cores, other than for motors of under 18.65 W, other than for generators for civil aircraft, of steel stamping, each valued not over \$5	9903.88.14	9/20/2019	9/20/2020		
8503.00.6500	Stators and rotors designed for use with household laundry washing machines or tabletop household appliances, each valued not over \$10	9903.88.14	9/20/2019	9/20/2020		
8503.00.6500	Stators and rotors, 2 or 4 pole type, valued over \$4,700 but not over \$4,900 each	9903.88.14	9/20/2019	9/20/2020		
8504.32.0000	Electrical transformers, each weighing not over 500 grams	9903.88.14	9/20/2019	9/20/2020		
8504.32.0000	Electrical transformers, each with a power handling capacity rating of 1.8 kVA, with external dimensions measuring approximately 13.3 cm by 12.7 cm by 11.4 cm	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8504.33.0020	Transformers designed to control horizontal motion of electron beams in cathode-ray tubes	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8504.40.0000	Speed drive controllers for electric motors, the foregoing operating at 250 A or more but not over 500 A	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8504.40.4000	Speed drive controllers for electric motors, designed for use in vehicles using electric motors for propulsion, including but not limited to material handling equipment, golf carts, sweeper scrubbers and aerial lifts, with a value of \$50.00 or more but not exceeding \$700.00	9903.88.19	10/2/2019	10/2/2020		
8504.40.4000	Regenerative speed drive controllers for controlling speed of electric motors for elevators	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8504.40.4000	Variable frequency drive controllers for electric motors, each weighing more than 1 kg but not more than 11 kg	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8504.40.4000	Speed drive controllers for electric motors, each such controller measuring 100 mm or more but not over 130 mm in length, 40 mm or more but not over 125 mm in width, and 24 mm or more but not over 85 mm in height	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8504.90.6500	Printed circuit boards, each measuring no more than 2.3 cm by 13.1 cm, presented with two black plastic pin connectors on opposite ends and/or sides, designed for use in transformers used to provide power to telecommunications networks	9903.88.14	9/20/2019	9/20/2020		
8504.90.6500	Printed circuit assemblies of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus, each measuring 4 cm to 6 cm in width and 10 cm to 12 cm in length, that converts 36 V DC to 90 V AC	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8504.90.6500	Printed circuit assemblies of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus, each measuring 7 cm to 9 cm in width and 18 cm to 20 cm in length, having 2 switches, for power protection to prevent electrical back feeding	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8504.90.6500	Printed circuit assemblies of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus, the foregoing serving as controllers for power supplies, each measuring 5 cm to 7 cm in width and 11 cm to 14 cm in length, having 50 pin on side header	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8504.90.6500	Printed circuit assemblies of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus, the foregoing serving as noise filters, each measuring 18 cm to 20 cm in width and 25 cm to 27 cm in length, populated with semiconductor devices and 4 heat sinks	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8504.90.7500	Dual layer printed circuit board assemblies, each valued over \$30 but not over \$35	9903.88.14	9/20/2019	9/20/2020		



HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8504.90.9646	Coils for cast epoxy resin transformers, each of the foregoing valued over \$6,500 but not over \$7,000	9903.88.14	9/20/2019	9/20/2020		
8504.90.9650	Static converter covers, bases and housings	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8504.90.9690	Conductors of aluminum for electric transformers, static converters and inductors	9903.88.14	9/20/2019	9/20/2020		
8504.90.9690	Heat sinks of aluminum for electric transformers, static converters and inductors	9903.88.14	9/20/2019	9/20/2020		
8504.90.9690	Inductor parts, of plastics	9903.88.14	9/20/2019	9/20/2020		
8504.90.9690	Toroids of silicon steel	9903.88.14	9/20/2019	9/20/2020		
8504.90.9690	Inductor baseplates of aluminum, each with a length measuring 149.20 mm or more but not over 275 mm, with a width measuring 119.40 mm or more but not over 232 mm and with a depth of 10.50 mm or more but not over 19 mm. with a weight of 0.48 kg or more but not over 3.2 kg	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8505.90.7501	Coils, coil assemblies and other parts of electromagnets	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8506.50.0000	Lithium primary batteries valued over \$0.50 but not over \$0.75 each	9903.88.14	9/20/2019	9/20/2020		
8506.90.0000	Plastic cases designed to contain 9V alkaline cells, measuring 6.35 cm by 13.34 cm by 3.18 cm, with button connectors	9903.88.19	10/2/2019	10/2/2020		
8514.10.0000	Resistance-heated annealing ovens	9903.88.14	9/20/2019	9/20/2020		
8514.10.0000	Resistance-heated glass furnaces, each with continuous conveyance articulating roller and positive press	9903.88.14	9/20/2019	9/20/2020		
8514.40.0000	Resistance-heated strip casting furnaces	9903.88.14	9/20/2019	9/20/2020		
8514.90.8000	Furnace casings	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8514.90.8000	Structural components for industrial furnaces	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8515.11.0000	Manually operated soldering irons and guns, with or without their power supplies but without work stands or other accessory devices	9903.88.14	9/20/2019	9/20/2020		
8515.11.0000	Battery powered soldering irons or soldering guns, not over 18 cm in length	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8515.19.0000	Soldering stations, consisting of a benchtop power source, a hand piece, a power cord and work stand, operating by the power source providing electric radio frequency current to heat the hand piece	9903.88.19	10/2/2019	10/2/2020		
8515.19.0000	Manually operated rework stations, including soldering/desoldering stations	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8515.39.0020	Machines and apparatus for arc (including plasma arc) welding, each valued not over \$500	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8515.90.2000	Tungsten electrodes for tungsten inert gas arc welding torches	9903.88.14	9/20/2019	9/20/2020		
8515.90.4000	Parts of soldering irons and soldering machines	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8525.60.1010	Radio transceivers, citizens band (cb) type	9903.88.05	12/28/2018	12/28/2019	12/28/2019	12/28/2020
8525.60.1030	Hand-held transceivers (except Citizen's Band and except low-power radiotelephonic operating on frequencies from 49.82 MHz to 49.90 MHz), valued not over \$70 each	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8525.60.1050	Transceivers, 10-meter, not hand-held, for operation in infrequencies of 28.000 to 29.700 MHz	9903.88.14	9/20/2019	9/20/2020		
8525.60.1050	Radio transceivers operating on frequencies from 46 MHz to 468 MHz, each designed for installation in motor vehicles	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8526.91.0040	GPS apparatus measuring not over 118 mm in height, 120 mm in width and 20 mm in thickness, presented with or without attached antenna or other accessories	9903.88.14	9/20/2019	9/20/2020		
8526.91.0040	GPS apparatus suitable for use with dog or other animal collars	9903.88.14	9/20/2019	9/20/2020		
8526.91.0040	Kits each consisting of GPS apparatus suitable for use with dog or animal collars, a hand-held GPS transmitter and accessories therefor	9903.88.14	9/20/2019	9/20/2020		
8526.92.5000	Radio remote control apparatus of a kind suitable for opening or closing gates	9903.88.19	10/2/2019	10/2/2020		
8526.92.5000	Radio remote control apparatus of a kind suitable for controlling gas burning fireplaces	9903.88.14	9/20/2019	9/20/2020		
8526.92.5000	Radio remote control apparatus for garage doors	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8526.92.5000	Radio remote control apparatus for pet collars and pet food dispensers	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8526.92.5000	Remote control devices, hand held and battery powered, designed for use with toy model vehicles and aircraft	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8529.10.4040	27 MHz radio remote control antennas each of a kind designed to transmit a signal to a dog collar receiver	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8529.10.4040	Antennas, of base metal and fiberglass	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8529.10.9100	CB radio antennas	9903.88.14	9/20/2019	9/20/2020		
8529.90.1660	Printed circuit board assemblies, measuring 27.94 cm in length, 17.78 cm in width and 5.08 cm in height, of a kind used in radio remote controller apparatus for radio remote control of machinery, comprising a copper base to which are attached two capacitors, sixteen relays, sixteen varistors, two rows of terminal block connectors, two fuses in black housings with flat-head screw slots on top and an LED number display	9903.88.19	10/2/2019	10/2/2020		
8529.90.8100	Bezels, covers and housings, the foregoing designed for motor vehicle cameras	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8529.90.9900	Aluminum feed horn assemblies measuring 8.4 cm in length and 5.1 cm in diameter, with operating frequencies of 17.8 to 20.2 GHz (receive) and 28 to 30 GHz (transmit), valued at \$2.75 or more but not exceeding \$2.85 each	9903.88.19	10/2/2019	10/2/2020		
8529.90.9900	Projector parts	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
8532.10.0000	Fixed capacitors valued not over \$4 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8532.10.0000	Fixed oil-filled capacitors rated at 1 kV to 25 kV	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8532.21.0050	Tantalum capacitors having a conductive polymer cathode, valued not over \$4 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8532.21.0050	Tantalum capacitors, each measuring 7.3 mm by 4.3 mm by 1.9 mm and valued not over \$4	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8532.22.0055	Aluminum electrolytic capacitors each valued not over \$1.50	9903.88.14	9/20/2019	9/20/2020		
8532.22.0085	Aluminum electrolytic fixed capacitors, exceeding 51 mm in diameter, each valued over \$6.50 but not over \$8	9903.88.19	10/2/2019	10/2/2020		
8532.22.0085	Aluminum electrolytic capacitors, each valued not over \$2.50	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8532.24.0020	Multi-layer ceramic, temperature-stable capacitors (temperature coefficient 5XR), with 47 microfarad capacitance, measuring 2 mm by 1.25 mm by 1.25 mm, valued at \$0.08 or more but not exceeding \$0.12 per piece	9903.88.19	10/2/2019	10/2/2020		
8532.24.0020	Fixed ceramic dielectric multilayer chip capacitors, each valued not over \$0.12 per unit	9903.88.14	9/20/2019	9/20/2020		
8532.25.0010	Dielectric capacitors of paper or plastics, for AC service, operating at less than 300 V each valued not over \$4.50	9903.88.14	9/20/2019	9/20/2020		
8532.25.0020	Dielectric capacitors of paper or plastics, for AC service, operating at 300 V or more but not exceeding 600 V, each valued not over \$3	9903.88.14	9/20/2019	9/20/2020		
8532.25.0080	Double-sided capacitor modules, each containing capacitors operating at 165 farad, 48 V, and 53 watt-hours	9903.88.14	9/20/2019	9/20/2020		
8532.29.0040	Fixed capacitors (the foregoing other than tantalum, aluminum electrolytic, ceramic dielectric, dielectrics of paper or plastics or mica dielectric), each valued over \$200 but not over \$300	9903.88.14	9/20/2019	9/20/2020		
8532.30.0090	Variable capacitors (other than mica, ceramic or glass dielectric), each valued over \$500 but not over \$600	9903.88.14	9/20/2019	9/20/2020		
8533.10.0065	Fixed electrical carbon film resistors, not designed for surface mounting by contact, having two leads, with a power handling capacity not over 1 W	9903.88.19	10/2/2019	10/2/2020		
8533.21.0080	Wirewound fixed electrical resistors with a power handling capacity not over 20 W, and with a core of glass, ceramic or metal oxide file	9903.88.19	10/2/2019	10/2/2020		
8533.21.0090	Thermistors of ceramic metal oxide, each with two leads	9903.88.19	10/2/2019	10/2/2020		
8533.40.4000	Metal oxide varistors of ceramic metal oxide materials	9903.88.14	9/20/2019	9/20/2020		
8533.40.8040	Contact sensors, of a kind used to detect the pressing and releasing of an automotive accelerator pedal, comprising a ceramic board and a rotor housed in a molded plastics body, which together create a potentiometer (rheostat) controlling the actuation of the engine throttle, valued at \$6.70 or more but not exceeding \$7.55 per piece	9903.88.19	10/2/2019	10/2/2020		
8533.40.8070	Potentiometers (other than cermet or metal glaze), each valued not over \$70	9903.88.14	9/20/2019	9/20/2020		
8533.40.8070	Thermistors (other than cermet or metal glaze), each valued not over \$1	9903.88.14	9/20/2019	9/20/2020		
8536.30.4000	Motor overload protectors, in 1 pole, 2 pole or 3 pole configurations, with electric current load ratings up to 60 A, measuring 19 mm or more but not exceeding 57 mm in height, 102 mm in length, and 76 mm in width, and 13 valued at \$6.00 or more but not exceeding \$8.40 per piece	9903.88.19	10/2/2019	10/2/2020		
8536.30.4000	Motor overload protectors for a voltage exceeding 60 V but not exceeding 1,000 V, each valued over \$5 but not over \$7	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8536.41.0045	Three-pole contactors, operating at 12 to 60 V, with a plastics housing enclosing three movable, silver cadmium oxide contacts (normally open only) rated at 50 A or more but not exceeding 60 A, an electromagnetic coil, a coil spring, coil terminals, polyester actuator, stationary terminals supported by a polyester component, a coil dust cover and an optional insert for an auxiliary switch, valued at \$9.00 or more but not exceeding \$10.00 per piece	9903.88.19	10/2/2019	10/2/2020		
8536.41.0045	Contactors, for a voltage not exceeding 60 V and with contacts rated at or more than 10 A, each valued not over \$18	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8536.41.0050	Electromechanical relays, for a voltage not exceeding 24 V, other than automotive flashers, with contacts rated at 10 A or more, measuring not over 80 mm in any dimension	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.49.0065	Contactors for a voltage not exceeding 1,000 V, each valued not over \$18	9903.88.14	9/20/2019	9/20/2020		
8536.49.0075	Electromechanical relays, for a voltage exceeding 60 V but not over 250 V, with contacts rated at 10 A or more	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8536.50.4000	Motor starters for a voltage exceeding 60 V but not exceeding 1,000 V, valued over \$9 but not over \$10 each	9903.88.14	9/20/2019	9/20/2020		
8536.50.9020	Rotary switches for a voltage not exceeding 1,000 V, rated at not over 5 A, containing an aluminum shaft in a push-button actuator connected to a nylon housing containing a printed circuit board	9903.88.19	10/2/2019	10/2/2020		
8536.50.9020	Rotary switch assemblies, for a voltage not exceeding 1,000 V, rated at not over 5 A, each valued over \$2 but not over \$3	9903.88.14	9/20/2019	9/20/2020		
8536.50.9025	Rotary switches, rated at over 5 A, measuring not more than 5.5 cm by 5.0 cm by 3.4 cm, each with 2 to 8 spade terminals and an actuator shaft with D- shaped cross section	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8536.50.9025	Rotary switches, single pole, single throw (SPST), rated at over 5 A, each measuring not more than 14.6 cm by 8.9 cm by 14.1 cm	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8536.50.9031	Momentary contact push-button switches rated at 9 V or more but not exceeding 16 V and not over 50mA, with no dimension exceeding 70 mm	9903.88.19	10/2/2019	10/2/2020		
8536.50.9031	Momentary contact switches rated at or under 5 A, each designed for use as a motor vehicle overdrive switch	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8536.50.9031	Momentary contact switches rated at or under 5 A, valued not over \$4 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8536.50.9033	Push-button and proximity switches rated at not over 5 A, designed for automotive gearshift applications, with or without connectors	9903.88.19	10/2/2019	10/2/2020		
8536.50.9035	Push-button switches rated at over 5 A but not exceeding 20 A, each article having external connections permitting the switch to be wired in either normally open or normally closed configuration	9903.88.19	10/2/2019	10/2/2020		
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 14.4 cm by 11.6 cm by 6.4 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 14.6 cm by 8 cm by 14.1 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 19.1 cm by 8.3 cm by 14.1 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 19.7 cm by 11.8 cm by 8.3 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 19.7 cm by 9.8 cm by 16.5 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 21 cm by 13.3 cm by 9 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 23.5 cm by 8cm by 13.1 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 6 cm by 14.1 cm by 11 cm	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 2.9 cm by 2.9 cm by 2.9 cm, with 4 spade or brass terminals, with an actuator shaft with D-shaped cross section	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 4.8 cm by 2.8 cm by 2.8 cm, with 2 spade or brass terminals	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8536.50.9035	Push-button switches, rated at over 5 A, measuring no more than 5 cm by 1.7 cm by 1.9 cm, with 2 spade or brass terminals, with an actuator shaft with D-shaped cross section	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8536.50.9040	Snap-action switches, for a voltage not exceeding 250 V, rated not over 8 A	9903.88.14	9/20/2019	9/20/2020		
8536.50.9040	Snap-action switches, each designed for installation in a wall-mounted enclosure or electrical box	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
8536.50.9055	Limit switches, for a voltage not exceeding 1,000 V, each valued over \$19 but not over \$32	9903.88.14	9/20/2019	9/20/2020		
8536.50.9065	Rocker switches, for a current of 16 A or more but not exceeding 20 A	9903.88.19	10/2/2019	10/2/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8536.50.9065	Switches for domestic clothes dryers, valued over 35 cents but not over 40 cents each	9903.88.19	10/2/2019	10/2/2020		
8536.50.9065	Switches incorporated into latches for domestic appliances, valued over \$ 0.90 but not over \$1.25 each	9903.88.19	10/2/2019	10/2/2020		
8536.50.9065	Broken belt switches, for a voltage not exceeding 1,000 V, designed for use in clothes dryers	9903.88.14	9/20/2019	9/20/2020		
8536.50.9065	Modular light switches, for a voltage not exceeding 1,000 V, presented in polyethylene terephthalate (PET) housings, designed for use with a backplate	9903.88.14	9/20/2019	9/20/2020		
8536.50.9065	ingle-pole, double-throw switches, for a voltage not exceeding 100 V, each with a movable contact arm permitting the opening and closing of contact points	9903.88.14	9/20/2019	9/20/2020		
8536.50.9065	Switches designed for use in motor vehicles, driver or passenger activated	9903.88.14	9/20/2019	9/20/2020		
8536.50.9065	Rocker switches, for a voltage not exceeding 1,000 V, designed for use in motor vehicles	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8536.50.9065	Push-pull switches, for a voltage not exceeding 1,000 V, designed for use in motor vehicles	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.50.9065	Motor vehicle gear shift switch assemblies, comprised of a plunger, connector and gear shift lever	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8536.50.9065	Pressure switches designed for use in heat pumps and air-conditioning condensers having a rating of 1.90 megapascals or more but not over 4.55 megapascals	9903.88.07	4/18/2019	4/18/2020	Extension Not Granted	
8536.69.4010	BNC straight radio frequency (RF) male-pin cylindrical connector/terminator plugs, for a voltage not exceeding 1,000 V, with impedance of 51 ohms, rated up to 1 W, measuring not over 29 mm long by 15 mm in diameter	9903.88.19	10/2/2019	10/2/2020		
8536.69.4010	Coaxial connectors, for a voltage not exceeding 1,000 V, valued over \$0.20but not over \$0.30 each	9903.88.14	9/20/2019	9/20/2020		
8536.69.4020	Cylindrical multicontact connectors, for a voltage not exceeding 1,000 V, each valued not over \$120	9903.88.14	9/20/2019	9/20/2020		
8536.69.4040	Printed circuit connectors each valued not over \$1	9903.88.14	9/20/2019	9/20/2020		
8536.69.4040	Printed circuit connectors, for a voltage not exceeding 1,000 V, measuring 142 mm long, 20.53 mm high and 6.5 mm wide	9903.88.14	9/20/2019	9/20/2020		
8536.69.4040	Printed circuit connectors, for a voltage not exceeding 1,000 V, measuring 59.08 mm long, 25.91 mm high and 25.91 mm wide, each valued not over \$20	9903.88.14	9/20/2019	9/20/2020		
8536.69.4040	Printed circuit connectors, for a voltage not exceeding 1,000 V, each valued over \$1 but not over \$5	9903.88.14	9/20/2019	9/20/2020		
8536.69.4040	Printed circuit connectors, for a voltage not exceeding 1,000 V, stacked, each valued not over \$10	9903.88.14	9/20/2019	9/20/2020		
8536.90.4000	Electrical connectors, for a voltage not exceeding 1,000 V, of a kind used to make electrical connections in ballast lighting	9903.88.19	10/2/2019	10/2/2020		
8536.90.4000	Butt splice connectors, for a voltage not exceeding 1,000 V, each valued not over \$3	9903.88.14	9/20/2019	9/20/2020		
8536.90.4000	Kits each containing 40 assorted terminals comprising 12 butt splices, 10 ring terminals, 8 spade terminals and 10 female disconnects, for a voltage not exceeding 1,000 V	9903.88.14	9/20/2019	9/20/2020		
8536.90.4000	Kits each containing 80 assorted terminals, valued not over \$2, for a voltage not exceeding 1,000 V	9903.88.14	9/20/2019	9/20/2020		
8536.90.4000	Ring terminals, for a voltage not exceeding 1,000 V	9903.88.14	9/20/2019	9/20/2020		
8536.90.4000	Twist-on wire connectors, for a voltage not exceeding 1,000 V, each valued not over \$0.03	9903.88.14	9/20/2019	9/20/2020		
8536.90.4000	Spring clip ("alligator clip") terminals, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Bullet connectors, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Butt connectors, other than closed end, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Closed-end butt connectors, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Crimp connectors, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Insulated tab electrical connectors and tab receptacle electrical connectors, for a voltage not exceeding 1,000 V, crimp-type, with either a tab measuring not over 6.4 mm in width or a receptacle for tabs measuring not over 6.4 mm in width	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Junction blocks, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Lug connectors, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Ring connectors, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Spade connectors, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8536.90.4000	Terminal blocks, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.4000	Wire tap connectors, for a voltage not exceeding 1,000 V	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8536.90.8530	Junction boxes, each valued over \$1.40 but not over \$1.70	9903.88.14	9/20/2019	9/20/2020		
8537.10.8000	Other Touch Screens W/o Disp Cap, For Inc Into App Having Disp, Wfunc By Dete Pres & loc Of Touch In Disp Area For Voltage Not Exceeding 1000v	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8538.10.0000	Enclosures of alloy steel, containing all the electrical components for underground mining machinery, such enclosures weighing more than 15 t	9903.88.19	10/2/2019	10/2/2020		
8538.90.6000	Polycarbonate cap-shaped covers capable of fitting over a raised control button such as that located on an electronic pet-collar apparatus, each cover 0.39 mm in diameter and 0.134 mm in height	9903.88.19	10/2/2019	10/2/2020		
8538.90.6000	Molded buttons	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8538.90.6000	Molded housings and covers	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8538.90.6000	Knobs of injection molded plastics	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8538.90.8120	Bodies of gas circuit breakers for electrical utilities, with installed interrupters, each weighing more than 800 kg	9903.88.19	10/2/2019	10/2/2020		
8538.90.8120	Tanks for dead tank circuit breakers, of aluminum	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8539.90.0000	Molybdenum foil filament assemblies, designed for use in ultraviolet lamps	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
8541.21.0075	Transistors, with a dissipation rate of less than 1 W and an operating frequency of not less than 100 MHz, valued over \$0.04 but not over \$0.05 each	9903.88.14	9/20/2019	9/20/2020		
8541.21.0095	Bipolar junction transistors, with a dissipation rate of less than 1 W and with an operating frequency of less than 100 MHz	9903.88.14	9/20/2019	9/20/2020		
8541.29.0095	Metal-oxide transistors on a silicon-carbide substrate, with a dissipation rate of less than 1 W and an operating frequency of less than 100 MHz	9903.88.14	9/20/2019	9/20/2020		
8541.60.0060	Mounted quartz piezoelectric crystals operating at a supply voltage of 1.5 V or greater but not exceeding 3.75 V and a frequency range not over 175 MHz	9903.88.14	9/20/2019	9/20/2020		
8543.10.0000	S-band and X-band linear accelerators designed for use in radiation surgery or radiation therapy equipment	9903.88.14	9/20/2019	9/20/2020		
8543.30.2000	Copper panel or pattern electroplating machines of a kind used solely or principally for the manufacture of printed circuits	9903.88.14	9/20/2019	9/20/2020		
8543.30.2000	Electrolysis copper etchback and desmear machines of a kind used solely or principally for the manufacture of printed circuits	9903.88.14	9/20/2019	9/20/2020		
8543.30.9040	Magnesium anodes, each not exceeding 48 kg in weight	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
8543.30.9080	Aluminum anodes for use with machines and apparatus for electroplating, electrolysis or electrophoresis	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8543.30.9080	Chlorine generator chambers containing titanium plates for use with machines and apparatus for electroplating, electrolysis or electrophoresis	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
8543.30.9080	Zinc anodes for use with machines and apparatus for electroplating, electrolysis or electrophoresis	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
8544.30.0000	Wiring sets for golf carts with electric motor for propulsion	9903.88.19	10/2/2019	10/2/2020		
8544.30.0000	Coaxial antenna feeder cables designed for use in motor vehicles	9903.88.14	9/20/2019	9/20/2020		
8544.30.0000	Ignition coil and wiring sets designed for use with motor vehicle engines, each valued not over \$7	9903.88.14	9/20/2019	9/20/2020		
8544.30.0000	Power supply cables designed for use in aircraf	9903.88.14	9/20/2019	9/20/2020		
8544.30.0000	Wiring sets designed for use with motor vehicle gear shifters, each valued not over \$7	9903.88.14	9/20/2019	9/20/2020		
8544.49.9000	Insulated aluminum cables, not fitted with connectors, for a voltage exceeding 80 V but not exceeding 600 V	9903.88.14	9/20/2019	9/20/2020		
8544.60.4000	Insulated three conductor cables of copper, for a voltage exceeding 1,000 V, for subsea use, of a length exceeding 3.5 km and weighing over 90 t	9903.88.19	10/2/2019	10/2/2020		
8544.70.0000	Digital optical fiber cables, with connectors, of a length exceeding 0.5 m but not exceeding 4.0 m	9903.88.19	10/2/2019	10/2/2020		
8607.21.1000	Air brakes and parts thereof for railway or tramway vehicles of heading 8605 or 8606	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
8703.21.0110	Four-wheel off-road vehicles, with only spark-ignition internal combustion reciprocating piston engines, of a cylinder capacity not exceeding 1,000 cc, with straddle seat and handlebar control, each with label indicating that vehicle is for operation only by persons at least 16 years of age, each valued not over \$5000	9903.88.14	9/20/2019	9/20/2020		
8709.11.0030	Works trucks, electrical, operator riding, each of a curb weight exceeding 8,500 kg but not exceeding 9,500 kg	9903.88.14	9/20/2019	9/20/2020		
8803.30.0030	Gearhead assemblies and parts thereof, for use in civil aircraft other than by the Department of Defense or the United States Coast Guard, each valued not over \$90	9903.88.19	10/2/2019	10/2/2020		
8803.30.0030	Output carriers, of passivated stainless steel, having a gear measuring 36.754 mm in length and 33.782 mm in diameter, with 17 teeth each of a maximum circular thickness of 0.8306 mm, of a kind used in a gearhead assembly for the high-lift system of aircraft, for use in civil aircraft other than by the Department of Defense or the United States Coast Guard	9903.88.19	10/2/2019	10/2/2020		
8803.30.0030	Gearhead assemblies, and parts thereof, for use in civil aircraft, each valued not over \$40	9903.88.14	9/20/2019	9/20/2020		
8803.90.9060	Wing, tail, fuselage and other body sections, including structural components and parts of the foregoing, designed for use on drone aircraft not capable of transporting persons	9903.88.14	9/20/2019	9/20/2020		
9002.90.9500	Motor vehicle lens cover assemblies	9903.88.14	9/20/2019	9/20/2020		
9011.10.8000	Stereoscopic microscopes, not provided with a means for photographing the image, valued not over \$500 per unit	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
9011.90.0000	Accessories designed for compound optical microscope stages	9903.88.14	9/20/2019	9/20/2020		
9011.90.0000	Camera adapter mounts designed for compound optical microscopes	9903.88.14	9/20/2019	9/20/2020		
9011.90.0000	Episcopic fluorescence microscopy accessories designed for compound optical microscopes	9903.88.14	9/20/2019	9/20/2020		
9011.90.0000	Adapter rings, tubes and extension sleeves, stands and arm assemblies, stages and gliding tables, eyeguards and focusing racks, all the foregoing designed for use with compound optical microscopes	9903.88.08	5/9/2019	5/14/2020	5/12/2020	12/31/2020
9013.20.0000	Lasers, other than laser diodes, each valued over \$200 but not over \$300	9903.88.14	9/20/2019	9/20/2020		
9013.80.7000	Flexible pressure sensitive LCD panel display devices used as a surface for electronic writing	9903.88.19	10/2/2019	10/2/2020		
9013.80.7000	Liquid-crystal displays, each measuring not over 85 cm in diagonal measurement	9903.88.14	9/20/2019	9/20/2020		
9013.80.7000	Thin-film-transistor, light-emitting diode (LED) backlit flat panel liquid crystal display modules, each with an aluminum bezel and a video display diagonal measuring 113 mm or more but not over 339 mm	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
9014.80.2000	Depth-sounding apparatus, each valued not over \$50	9903.88.14	9/20/2019	9/20/2020		
9014.80.2000	Depth-sounding apparatus with digital display, each designed for installation in a 63.5 mm hole in dashboard, designed for recreational boating use	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
9014.90.6000	Parts, of plastics, of fish finders of subheading 9014.80.20	9903.88.14	9/20/2019	9/20/2020		
9015.80.8080	Weather station sets, each consisting of a monitoring display and outdoor weather sensors, having a transmission range of not over 140 m and valued not over \$50 per set	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
9018.11.9000	Disposable electrocardiograph (ECG) electrodes	9903.88.14	9/20/2019	9/20/2020		
9018.12.0000	Portable ultrasonic scanner consoles, each weighing less than 4 kg, presented with or without transducer	9903.88.14	9/20/2019	9/20/2020		
9018.12.0000	Veterinary ultrasound device with black-and-white image quality used as a medical diagnostic tool	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9018.19.9550	Digital peak flow meters suitable for use by medical professionals	9903.88.14	9/20/2019	9/20/2020		
9018.19.9550	Fingertip pulse oximeters suitable for use by medical professionals	9903.88.14	9/20/2019	9/20/2020		
9018.19.9560	Bismuth germanate crystals with set dimensional and surface finish requirements and used as a detection element in Positron Emission Tomography (PET) detectors	9903.88.14	9/20/2019	9/20/2020		
9018.19.9560	Magnetic resonance imaging ("MRI") patient enclosure devices, each incorporating radio frequency and gradient coils	9903.88.14	9/20/2019	9/20/2020		
9018.19.9560	Parts and accessories of capnography monitors	9903.88.14	9/20/2019	9/20/2020		
9018.19.9560	Disposable self-adhesive brain monitoring sensor patches for use with an oximeter, each incorporating a circuit board, light-emitting diode (LED), photo diodes and memory device and a connector	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
9018.19.9560	Disposable stainless steel subdermal needle electrodes with accompanying harness for use with electromyography (EMG) equipment	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
9018.19.9560	Disposable surface electrodes for intra-operative neuromonitoring ("IONM") systems, each composed of a surface electrode pad, an insulated wire, and a standard DIN 42802 connector	9903.88.50	6/4/2019	6/4/2020	5/28/2020	12/31/2020
9018.20.0040	Therapeutic mouthpieces, of silicone and polycarbonate plastics, having embedded infrared (880 nm) and red (660 nm) LED lights, of a kind used for radiating the upper and lower gum lines within the mouth, valued at \$45 or more but not over \$50 each	9903.88.19	10/2/2019	10/2/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
9018.20.0040	Ultraviolet or infrared LED light therapy devices for the professional treatment of pain or of ailments of the skin	9903.88.08	5/9/2019	5/14/2020	Extension Not Granted	
9018.90.2000	Otosopes	9903.88.14	9/20/2019	9/20/2020		
9018.90.3000	Anesthesia masks	9903.88.14	9/20/2019	9/20/2020		
9018.90.6000	Electrosurgical cautery pencils with electrical connectors	9903.88.14	9/20/2019	9/20/2020		
9018.90.6000	Microwave ablation antennas, whether or not with attached controls, as parts of ablation systems used to ablate live tumors	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9018.90.6000	Parts and accessories of electro-surgical instruments and appliances, other than extracorporeal shock wave lithotripters	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9018.90.6000	Smoke evacuation pencils with accompanying tubing and hoses designed to integrate smoke evacuation into electrosurgery by combining both features into a single handpiece, which is designed to apply mono-polar electrosurgical energy to target tissue in a surgical setting while simultaneously evacuating smoke from the surgical site	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9018.90.6000	Suction coagulators, consisting of a hand-piece with mechanical and/or electrical controls and a disposable shaft, used for the coagulation of tissue and aspiration of fluids during surgical procedures	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9018.90.6000	Vessel sealing and dividing devices that use electrical energy to separate and seal tissue during open or laparoscopic surgical procedures, consisting of a handpiece with mechanical and/or electrical controls, and a bipolar electrode intended to deliver electrosurgical current from a system generator directly to tissues for cutting/coagulation/ablation	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9018.90.7560	Negative pressure wound therapy systems	9903.88.19	10/2/2019	10/2/2020		
9018.90.7580	Printed circuit board assemblies designed for use in displaying operational performance of medical infusion equipment	9903.88.14	9/20/2019	9/20/2020		
9018.90.7580	Restraint packs designed for use with chest compressors, each containing one torso restraint, consisting of a cotton strap which fastens with hook and loop fasteners to the compressor, and one cover for a head stabilizer	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
9022.12.0000	Combined positron emission tomography/computed tomography (PET/CT) scanners which utilize multiple PET gantries (frames) on a common base	9903.88.19	10/2/2019	10/2/2020		
9022.14.0000	Radiation therapy systems, each encased by steel-based structural shell with gantry cover comprising three pairs of plastics-based panels	9903.88.05	12/28/2018	12/28/2019	12/28/2019	12/28/2020
9022.90.2500	X-ray tables	9903.88.14	9/20/2019	9/20/2020		
9022.90.4000	X-ray tube housings and parts thereof	9903.88.14	9/20/2019	9/20/2020		
9022.90.6000	Parts and accessories, of metal, for mobile X-ray apparatus	9903.88.14	9/20/2019	9/20/2020		
9022.90.6000	Printed circuit board assemblies, of a kind designed for use in X-ray apparatus	9903.88.14	9/20/2019	9/20/2020		
9022.90.6000	Tungsten shielding, containing 90% or more of tungsten, of a kind designed to be attached to the walls of the multileaf collimator of the specific radiotherapy apparatus based on the use of X-rays	9903.88.14	9/20/2019	9/20/2020		
9022.90.6000	Vertical stands specially designed to support, contain or adjust the movement of X-ray digital detectors, or the X-ray tube and collimator in complete X-ray diagnostic systems	9903.88.14	9/20/2019	9/20/2020		
9022.90.6000	Dental X-ray alignment and positioning apparatus, each valued over \$5,000	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9022.90.6000	Multi-leaf collimators of radiotherapy systems based on the use of X-ray	9903.88.52	7/9/2019	7/9/2020	7/6/2020	12/31/2020
9022.90.6000	Overhead tube suspension used to hold and position X-ray generating equipment	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9022.90.9500	Thermoplastic masks for radiation therapy, affixed to the treatment table when used, each valued over \$18 but not over \$23	9903.88.14	9/20/2019	9/20/2020		
9024.10.0000	Machines for testing the hardness of metals	9903.88.10	6/4/2019	6/4/2020	Extension Not Granted	
9026.10.2040	Electromagnetic flow meter systems for pipes with outside diameters larger than 183 cm	9903.88.14	9/20/2019	9/20/2020		
9026.20.4000	Digital tire pressure gauges, each valued not over \$2	9903.88.14	9/20/2019	9/20/2020		
9027.80.4530	Instruments and apparatus that chemically analyze food to detect the presence of gluten or peanuts, valued at less than \$55 per unit	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9027.90.5650	Inoculator sets of plastics, each consisting of a plate with multiple wells, a display tray, and a lid; when assembled, the set measuring 105 mm or more but not exceeding 108 mm in width, 138 mm or more but not exceeding 140 mm in depth, and 6.5 mm or less in thickness	9903.88.06	3/20/2019	3/25/2020	3/18/2020	3/25/2021
9027.90.5910	Carbon monoxide sensors, each having a value exceeding \$14 but not exceeding \$19	9903.88.14	9/20/2019	9/20/2020		
9027.90.5910	Hydrogen sulfide sensors, each having a value exceeding \$9 but not exceeding \$13	9903.88.14	9/20/2019	9/20/2020		
9027.90.5910	Nitrogen dioxide sensors, each having a value exceeding \$12 but not exceeding \$17	9903.88.14	9/20/2019	9/20/2020		

HTS Code	Product Description	New HTSUS Subheading	Date Exclusion Granted	Date Exclusion Expires	Date Extension Granted	Revised Expiration Date
9027.90.5910	Sulfur dioxide sensors, each having a value exceeding \$24 but not exceeding \$29	9903.88.14	9/20/2019	9/20/2020		
9027.90.5995	Microtome universal cassette clamp	9903.88.14	9/20/2019	9/20/2020		
9028.90.0040	Utility meter bases, of plastics, each 17 cm or greater but not exceeding 18 in diameter, incorporating a latching relay, the foregoing valued over \$8 but not over \$10	9903.88.14	9/20/2019	9/20/2020		
9030.33.3800	Programmable DC electronic load instruments capable of presenting a constant load to a device, such as constant resistance, constant voltage, constant current, or constant power, weighing more than 4 kg but less than 8 kg	9903.88.19	10/2/2019	10/2/2020		
9030.33.3800	Instruments for measuring or checking voltage or electrical connections; electrical circuit tracers	9903.88.07	4/18/2019	4/18/2020	4/8/2020	4/18/2021
9030.39.0100	Picoammeters with recording devices	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9030.40.0000	Waveform monitors, each valued over \$4,000 but not over \$5,000	9903.88.14	9/20/2019	9/20/2020		
9030.90.2500	Printed circuit board assemblies designed for use with X-ray detectors	9903.88.14	9/20/2019	9/20/2020		
9030.90.8911	Current probes for oscilloscopes	9903.88.19	10/2/2019	10/2/2020		
9030.90.8911	Oscilloscope probes	9903.88.14	9/20/2019	9/20/2020		
9031.49.9000	Booths, measuring 61 cm in width, 70 cm in length and 94.5 cm in height, with integrated cooling fans and an LCD display with touch-pad controller, of a kind used to demonstrate and assess the effects of alternative lighting conditions on surface colors	9903.88.19	10/2/2019	10/2/2020		
9031.80.8085	Tuners designed to clip onto musical instruments and indicate whether the instrument is in tune	9903.88.06	3/20/2019	3/25/2020	Extension Not Granted	
9032.10.0030	Automatic thermostats for heating, ventilation and air conditioning systems, containing temperature and humidity sensors, designed for wall mounting	9903.88.14	9/20/2019	9/20/2020		
9032.10.0030	Thermostats designed for air conditioning or heating systems, not designed to connect to the internet, the foregoing designed for wall mounting	9903.88.05	12/28/2018	12/28/2019	12/28/2019	12/28/2020
9032.10.0060	Thermostats for air conditioning, refrigeration or heating systems, designed for use in motor vehicles	9903.88.14	9/20/2019	9/20/2020		
9032.10.0060	Thermostats for air conditioning, refrigeration or heating systems, other than for wall mounting, each measuring not more than 15 cm in length, 11 cm in width, and 3 cm in height	9903.88.14	9/20/2019	9/20/2020		
9032.89.4000	Battery balancers designed for regulating voltage across batteries, other than for 6, 12 or 24 volt systems	9903.88.14	9/20/2019	9/20/2020		
9032.89.6040	Water level and temperature control devices of a kind used in household appliances	9903.88.14	9/20/2019	9/20/2020		
9032.89.6060	Flow and liquid level control instruments, each valued not over \$10	9903.88.14	9/20/2019	9/20/2020		
9032.89.6070	Humidistats, each with outdoor sensor, such humidistats valued not over \$40 each	9903.88.11	7/9/2019	7/9/2020	Extension Not Granted	
9032.89.6085	Printed circuit board assemblies designed to control the flow of paint in paint sprayers	9903.88.14	9/20/2019	9/20/2020		
9032.90.6120	Thermostat covers	9903.88.14	9/20/2019	9/20/2020		