Annotated for Statistical Reporting Purposes

#### **SECTION XVI**

MACHINERY AND MECHANICAL APPLIANCES; ELECTRICAL EQUIPMENT; PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES

XVI-1

#### Notes

- 1. This section does not cover:
  - (a) Transmission, conveyor or elevator belts or belting, of plastics of chapter 39, or of vulcanized rubber (heading 4010); or other articles of a kind used in machinery or mechanical or electrical appliances or for other technical uses, of vulcanized rubber other than hard rubber (heading 4016);
  - (b) Articles of leather or of composition leather (heading 4205) or of furskin (heading 4303), of a kind used in machinery or mechanical appliances or for other technical uses;
  - (c) Bobbins, spools, cops, cones, cores, reels or similar supports, of any material (for example, chapter 39, 40, 44 or 48 or section XV);
  - (d) Perforated cards for Jacquard or similar machines (for example, chapter 39 or 48 or section XV);
  - (e) Transmission or conveyor belts or belting of textile material (heading 5910) or other articles of textile material for technical uses (heading 5911);
  - (f) Precious or semiprecious stones (natural, synthetic or reconstructed) of headings 7102 to 7104, or articles wholly of such stones of heading 7116, except unmounted worked sapphires and diamonds for styli (heading 8522);
  - (g) Parts of general use, as defined in note 2 to section XV, of base metal (section XV), or similar goods of plastics (chapter 39);
  - (h) Drill pipe (heading 7304);
  - (ij) Endless belts of metal wire or strip (section XV);
  - (k) Articles of chapter 82 or 83;
  - (I) Articles of section XVII;
  - (m) Articles of chapter 90;
  - (n) Clocks, watches or other articles of chapter 91;
  - (o) Interchangeable tools of heading 8207 or brushes of a kind used as parts of machines (heading 9603); similar interchangeable tools are to be classified according to the constituent material of their working part (for example, in chapter 40, 42, 43, 45 or 59 or heading 6804 or 6909):
  - (p) Articles of chapter 95; or
  - (q) Typewriter or similar ribbons, whether or not on spools or in cartridges (classified according to their constituent material, or in heading 9612 if inked or otherwise prepared for giving impressions).
- 2. Subject to note 1 to this section, note 1 to chapter 84 and to note 1 to chapter 85, parts of machines (not being parts of the articles of heading 8484, 8544, 8545, 8546 or 8547) are to be classified according to the following rules:
  - (a) Parts which are goods included in any of the headings of chapter 84 or 85 (other than headings 8409, 8431, 8448, 8466, 8473, 8487, 8503, 8522, 8529, 8538 and 8548) are in all cases to be classified in their respective headings;
  - (b) Other parts, if suitable for use solely or principally with a particular kind of machine, or with a number of machines of the same heading (including a machine of heading 8479 or 8543) are to be classified with the machines of that kind or in heading 8409, 8431, 8448, 8466, 8473, 8503, 8522, 8529 or 8538 as appropriate. However, parts which are equally suitable for use principally with the goods of headings 8517 and 8525 to 8528 are to be classified in heading 8517;
  - (c) All other parts are to be classified in heading 8409, 8431, 8448, 8466, 8473, 8503, 8522, 8529 or 8538 as appropriate or, failing that, in heading 8487 or 8548.

Annotated for Statistical Reporting Purposes

#### XVI-2

#### Notes (con.)

- 3. Unless the context otherwise requires, composite machines consisting of two or more machines fitted together to form a whole and other machines designed for the purpose of performing two or more complementary or alternative functions are to be classified as if consisting only of that component or as being that machine which performs the principal function.
- 4. Where a machine (including a combination of machines) consists of individual components (whether separate or interconnected by piping, by transmission devices, by electric cables or by other devices) intended to contribute together to a clearly defined function covered by one of the headings in chapter 84 or chapter 85, then the whole falls to be classified in the heading appropriate to that function.
- 5. For the purposes of these notes, the expression "machine" means any machine, machinery, plant, equipment, apparatus or appliance cited in the headings of chapter 84 or 85.

#### Additional U.S. Note

1. For the purposes of this section, the term "printed circuit assembly" means goods consisting of one or more printed circuits of heading 8534 with one or more active elements assembled thereon, with or without passive elements. For the purposes of this note, "active elements" means diodes, transistors and similar semiconductor devices, whether or not photosensitive, of heading 8541, and integrated circuits of heading 8542.

#### Statistical Note

- Provisions for semiconductor manufacturing and testing machines and apparatus cover products for the growth and processing of semiconductor materials, such as silicon and gallium arsenide, the processing of such materials into semiconductor devices and the testing of such devices (in general the testing equipment, as well as some of the processing equipment, is classified in chapter 90). More specifically the goods include the following:
  - (a) Wafer manufacturing equipment:
    - (i) Crystal growers & pullers used to produce extremely pure monocrystalline semiconductor boules from which wafers can be sliced. Most common methods employed in these crystal growers and pullers are the Czochralski and float zone methods.
    - (ii) Wafer preparation equipment:
      - (A) Crystal grinders used to grind the crystal boule to precise diameter required for wafers and to grind the flats on the boule to indicate the conductivity type and resistivity of the crystal.
      - (B) Wafer slicing saws used to slice wafers from a boule of monocrystalline semiconductor material.
      - (C) Wafer grinders, lappers and polishers used to prepare the semiconductor wafer for the fabrication process. This involves bringing the wafer within dimensional tolerances. Especially critical is the flatness of its surface.
  - (b) Mask fabrication and repair equipment -
    - (i) Fabrication equipment used to transfer design patterns to a mask or reticle, this equipment generally utilizes optical, electron beam or X-rays to write circuit patterns on photoresist coated substrates. After development, these substrates become the mask or reticle for wafer fabrication.
    - (ii) Repair equipment this equipment generally utilizes focused ion beams or laser beams. They are used directly on the mask or reticle to remove chrome.
  - (c) Wafer fabrication equipment:
    - (i) Film formation equipment used to apply or produce various films on the surface of the wafer during the fabrication process. These films serve as conductors, insulators and semiconductors on the finished device. They may include oxides and nitrides of the substrate surface, metals, and epitaxial layers. The processes and equipments listed below are not necessarily limited to the generation of a particular type of film.
      - (A) Oxidation furnaces used to form a "film" of oxide on the wafer. The oxide is formed by the chemical reaction of the top molecular layers of the wafer with the applied oxygen or steam under heat.
      - (B) Chemical Vapor Deposition (CVD) equipment used to deposit various types of films which are obtained by combining the appropriate gases in a reactant chamber at elevated temperatures. This constitutes a thermochemical vapor-phase reaction. Operations may take place at atmospheric or low pressure (LPCVD) and may use plasma enhancement (PECVD).

Annotated for Statistical Reporting Purposes

#### Statistical Note (con.)

- (C) Physical Vapor Deposition (PVD) equipment used to deposit various types of films which are obtained by vaporizing a solid.
  - (1) Evaporation equipment in which the film is generated by heating the source material.
  - (2) Sputtering equipment in which the film is generated by bombarding the source material (target) with ions.
- (D) Molecular Beam Epitaxy (MBE) equipment used to grow epitaxial layers on a heated monocrystalline substrate in an ultrahigh vacuum using beams of molecules. The process is similar to PVD.
- (ii) Doping equipment which is used to introduce dopants into the wafer surface in order to modify the conductivity or other characteristics of a semiconductor layer:
  - (A) Thermal diffusion equipment in which the dopants introduced into the surface of the wafer by the application of gases under high temperatures.
  - (B) Ion Implantation in which the dopants are "driven" into the crystal lattice structure of the surface of the wafer in the form a beam of accelerated ions.
  - (C) Annealing furnaces which are used to repair the crystal lattice structures of the wafer damaged by ion implantation.
- (iii) Etching and stripping equipment used for etching or cleaning surfaces of the wafers.
  - (A) Wet etching equipment in which chemical etching materials are applied by spraying or immersion. Spray etchers provide more uniform results than bath etchers, since they perform the operation on one wafer at a time.
  - (B) Dry plasma etching in which etching materials are presented as gases within a plasma energy field, providing an anisotropic etch profile.
  - (C) Ion beam milling equipment in which ionized gas atoms are accelerated toward the wafer surface. The impact results in the top layer being physically removed from the surface.
  - (D) Strippers or ashers using techniques similar to etching this apparatus removes the spent photoresist from the surface of the wafer after it has served its purpose as a "stencil". This equipment is also used for removal of nitrides, oxides, and polysilicon, with an isotropic etch profile.
- (iv) Lithography equipment used to transfer the circuit designs to the photoresist coated surface of the semiconductor wafer.
  - (A) Equipment for coating wafers with photoresist these include the photoresist spinners which are used to apply liquid photoresist evenly over the surface of the wafer.
  - (B) Equipment for exposing the photoresist coated wafer with the circuit design (or a part thereof):
    - (1) Using a mask or reticle and exposing the photoresist to light (generally ultraviolet) or, in some instances, X-rays:
      - (a) Contact printers where the mask or reticle is in contact with the wafer during exposure.
      - (b) Proximity aligners similar to contact aligners except actual contact does not take place between the mask or reticle and the wafer.
      - (c) Scanning aligners which use projection techniques to expose a continuously moving slit across the mask and wafer.
      - (d) Step and repeat aligners which use projection techniques to expose the wafer a portion at a time. Exposure can be by reduction from the mask to the wafer or 1:1. Enhancements include the use of an excimer laser.
    - (2) Direct write on wafer equipment these apparatus operate with no mask or reticle. They use a computer controlled "writing beam" (such as an electron beam (E-beam), ion beam or laser) to "draw" the circuit design directly on the photoresist coated wafer.
  - (C) Equipment for developing exposed wafers these include chemical baths similar to those used in photographic laboratory applications

XVI-3

Annotated for Statistical Reporting Purposes

#### XVI-4

### Statistical Note (con.)

- (d) Assembly equipment
  - (i) Dicing equipment these include sawing machines and scribing machines (including laser scribers) and dicing accessories such as wafer breaking equipment.
  - (ii) Die bonding equipment which installs the die to the package by soldering or gluing
  - (iii) Wire bonding equipment used for attaching thin wires or tapes (usually of gold, aluminum or copper) from the die bonding pads to the corresponding pads on the package.
  - (iv) Packaging equipment which are used to encapsulate or package a semiconductor device. They include sealing furnaces, lid welders, plastic encapsulation presses, lead trim and form equipment, package deflashers, and tin dip and solder plate equipment.
- (e) Testing and inspection equipment
  - (i) Optical inspection equipment These include equipment that "examines" portions of the wafer surface and compares them either to a standard pattern or to other portions of the wafer surface.
  - (ii) Electrical testing equipment These include computer controlled systems that test the functions and electrical specifications of semiconductor devices through the application and detection of electrical signals or patterns. Testing is performed on both unencapsulated dice and packaged integrated circuits.

Annotated for Statistical Reporting Purposes

#### **CHAPTER 84**

### NUCLEAR REACTORS, BOILERS, MACHINERY AND MECHANICAL APPLIANCES; PARTS THEREOF

XVI 84-1

### **Notes**

- 1. This chapter does not cover:
  - (a) Millstones, grindstones or other articles of chapter 68;
  - (b) Machinery or appliances (for example, pumps) of ceramic material and ceramic parts of machinery or appliances of any material (chapter 69);
  - (c) Laboratory glassware (heading 7017); machinery, appliances or other articles for technical uses or parts thereof, of glass (heading 7019 or 7020);
  - (d) Articles of heading 7321 or 7322 or similar articles of other base metals (chapters 74 to 76 or 78 to 81);
  - (e) Vacuum cleaners of heading 8508;
  - (f) Electromechanical domestic appliances of heading 8509; digital cameras of heading 8525; or
  - (g) Hand-operated mechanical floor sweepers, not motorized (heading 9603).
- 2. Subject to the operation of Note 3 to Section XVI and subject to Note 9 to this chapter, a machine or appliance which answers to a description in one or more of the headings 8401 to 8424, or heading 8486 and at the same time to a description in one or more of the headings 8425 to 8480 is to be classified under the appropriate heading of the former group or under heading 8486, as the case may be, and not the latter group.

Heading 8419 does not, however, cover:

- (a) Germination plant, incubators or brooders (heading 8436);
- (b) Grain-dampening machines (heading 8437);
- (c) Diffusing apparatus for sugar juice extraction (heading 8438);
- (d) Machinery for the heat treatment of textile yarns, fabrics or made up textile articles (heading 8451); or
- (e) Machinery or plant, designed for mechanical operation, in which a change of temperature, even if necessary, is subsidiary.

Heading 8422 does not cover:

- (a) Sewing machines for closing bags or similar containers (heading 8452); or
- (b) Office machinery of heading 8472.

Heading 8424 does not cover:

Ink-jet printing machines (heading 8443).

- 3. A machine tool for working any material which answers to a description in heading 8456 and at the same time to a description in heading 8457, 8458, 8459, 8460, 8461, 8464 or 8465 is to be classified in heading 8456.
- 4. Heading 8457 applies only to machine tools for working metal, other than lathes (including turning centers), which can carry out different types of machining operations either:
  - (a) by automatic tool change from a magazine or the like in conformity with a machining program (machining centers),
  - (b) by the automatic use, simultaneously or sequentially, of different unit heads working on a fixed position workpiece (unit construction machines, single station), or
  - (c) by the automatic transfer of the workpiece to different unit heads (multi-station transfer machines).

Annotated for Statistical Reporting Purposes

XVI 84-2

#### Notes (con.)

- 5. (A) For the purposes of heading 8471, the expression "automatic data processing machines" means machines capable of :
  - (i) Storing the processing program or programs and at least the data immediately necessary for the execution of the program;
  - (ii) Being freely programmed in accordance with the requirements of the user;
  - (iii) Performing arithmetical computations specified by the user; and
  - (iv) Executing, without human intervention, a processing program which requires them to modify their execution, by logical decision during the processing run.
  - (B) Automatic data processing machines may be in the form of systems consisting of a variable number of separate units.
  - (C) Subject to paragraphs (D) and (E) below, a unit is to be regarded as being part of an automatic data processing system if it meets all of the following conditions:
    - (i) It is of a kind solely or principally used in an automatic data processing system;
    - (ii) It is connectable to the central processing unit either directly or through one or more other units; and
    - (iii) It is able to accept or deliver data in a form (codes or signals) which can be used by the system.

Separately presented units of an automatic data processing machine are to be classified in heading 8471.

However, keyboards, X-Y co-ordinate input devices and disk storage units which satisfy the conditions of paragraphs (C) (ii) and (C) (iii) above, are in all cases to be classified as units of heading 8471.

- (D) Heading 8471 does not cover the following when presented separately, even if they meet all of the conditions set forth in Note 5 (C) above :
  - (i) Printers, copying machines, facsimile machines, whether or not combined;
  - (ii) Apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network);
  - (iii) Loudspeakers and microphones;
  - (iv) Television cameras, digital cameras and video camera recorders;
  - (v) Monitors and projectors, not incorporating television reception apparatus.
- (E) Machines incorporating or working in conjunction with an automatic data processing machine and performing a specific function other than data processing are to be classified in the headings appropriate to their respective functions or, failing that, in residual headings.
- 6. Heading 8482 applies, inter alia, to polished steel balls, the maximum and minimum diameters of which do not differ from the nominal diameter by more than 1 percent or by more than 0.05 mm, whichever is less. Other steel balls are to be classified under heading 7326.
- 7. A machine which is used for more than one purpose is, for the purposes of classification, to be treated as if its principal purpose were its sole purpose.

Subject to note 2 to this chapter and note 3 to section XVI, a machine the principal purpose of which is not described in any heading or for which no one purpose is the principal purpose is, unless the context otherwise requires, to be classified in heading 8479. Heading 8479 also covers machines for making rope or cable (for example, stranding, twisting or cabling machines) from metal wire, textile yarn or any other material or from a combination of such materials.

8. For the purposes of heading 8470, the term "pocket-size" applies only to machines the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.

Annotated for Statistical Reporting Purposes

XVI 84-3

- 9. (A) Notes 8 (a) and 8 (b) to Chapter 85 also apply with respect to the expressions "semiconductor devices" and "electronic integrated circuits", respectively, as used in this Note and in heading 8486. However, for the purposes of this Note and of heading 8486, the expression "semiconductor devices" also covers photosensitive semiconductor devices and light emitting diodes.
  - (B) For the purposes of this Note and of heading 8486, the expression "manufacture of flat panel displays" covers the fabrication of substrates into a flat panel. It does not cover the manufacture of glass or the assembly of printed circuit boards or other electronic components onto the flat panel. The expression "flat panel display" does not cover cathode-ray tube technology.
  - (C) Heading 8486 also includes machines and apparatus solely or principally of a kind used for:
    - (i) the manufacture or repair of masks and reticles;
    - (ii) assembling semiconductor devices or electronic integrated circuits; and
    - (iii) lifting, handling, loading or unloading of boules, wafers, semiconductor devices, electronic integrated circuits and flat panel displays.
  - (D) Subject to Note 1 to Section XVI and Note 1 to Chapter 84, machines and apparatus answering to the description in heading 8486 are to be classified in that heading and in no other heading of the tariff schedule.

#### Subheading Notes

- 1. For the purposes of subheading 8471.49, the term "systems" means automatic data processing machines whose units satisfy the conditions laid down in note 5(C) to chapter 84 and which comprise at least a central processing unit, one input unit (for example, a keyboard or a scanner), and one output unit (for example, a visual display unit or a printer).
- 2. Subheading 8482.40 applies only to bearings with cylindrical rollers of a uniform diameter not exceeding 5 mm and having a length which is at least three times the diameter. The ends of the rollers may be rounded.

### Additional U.S. Notes

- 1. For the purposes of subheadings 8479.89.65 and 8479.89.98, the rate of duty "Free (C)" appearing in the column entitled "1-Special" applies only to the following articles: nonelectric starter motors; propeller regulators, nonelectric; servo-mechanisms, nonelectric; windshield wipers, nonelectric; hydropneumatic accumulators; pneumatic starters for turbojets, turbopropellers, or other gas turbines; toilet units specially designed for aircraft; mechanical actuators for thrust reversers.
- 2. Subheading 8443.99.20 covers the following parts of printer units of subheading 8443.32.10:
  - (a) Control or command assemblies, incorporating more than one of the following: printed circuit assembly, hard or flexible (floppy)
    disk drive, keyboard, user interface;
  - (b) Light source assemblies, incorporating more than one of the following: light emitting diode assembly, gas laser, mirror polygon assembly, base casting;
  - (c) Laser imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner developing unit, charge/discharge units, cleaning unit;
  - (d) Image fixing assemblies, incorporating more than one of the following: fuser, pressure roller, heating element, release oil dispenser, cleaning unit, electrical control;
  - (e) Ink jet marking assemblies, incorporating more than one of the following: thermal print head, ink dispensing unit, nozzle and reservoir unit, ink heater;
  - (f) Maintenance/sealing assemblies, incorporating more than one of the following: vacuum unit, ink jet covering unit, sealing unit, purging unit;
  - (g) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray;
  - (h) Thermal transfer imaging assemblies, incorporating more than one of the following: thermal print head, cleaning unit, supply or take-up roller;
  - (ij) lonographic imaging assemblies, incorporating more than one of the following: ion generation and emitting unit, air assist unit, printed circuit assembly, charge receptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle and distribution unit, developing unit, charge/discharge unit, cleaning unit; or
  - (k) Combinations of the above specified assemblies.

Annotated for Statistical Reporting Purposes

XVI 84-4

- 3. Subheading 8443.99.30 covers the following parts of facsimile machines:
  - (a) Control or command assemblies, incorporating more than one of the following: printed circuit assembly, modem, hard or flexible (floppy) disk drive, keyboard, user interface;
  - Optics module assemblies, incorporating more than one of the following: optics lamp, charge couples device and appropriate optics, lenses, mirrors;
  - (c) Laser imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner developing unit, charge/discharge units, cleaning unit;
  - (d) Ink jet marking assemblies, incorporating more than one of the following: thermal print head, ink dispensing unit, nozzle and reservoir unit, ink heater;
  - (e) Thermal transfer imaging assemblies, incorporating more than one of the following: thermal print head, cleaning unit, supply or take-up roller;
  - (f) Ionographic imaging assemblies, incorporating more than one of the following: ion generation and emitting unit, air assist unit, printed circuit assembly, charge receptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle and distribution unit, developing unit, charge/discharge unit, cleaning unit;
  - (g) Image fixing assemblies, incorporating more than one of the following: fuser, pressure roller, heating elements, release oil dispenser, cleaning unit, electrical control;
  - (h) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray; and
  - (ij) Combinations of the above specified assemblies.
- 4. Subheading 8443.99.40 covers the following parts of photocopying apparatus of subheading 8443.39.20:
  - (a) Imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle unit, developer distribution unit, charge/discharge unit, cleaning unit;
  - (b) Optics assemblies, incorporating more than one of the following: lens, mirror, illumination source, document exposure glass;
  - (c) User control assemblies, incorporating more than one of the following: printed circuit assembly, power supply, user input keyboard, wiring harness, display unit (cathode ray type or flat panel);
  - (d) Image fixing assemblies, incorporating more than one of the following: fuser, pressure rollers, heating elements, release oil dispenser, cleaning unit, electrical controls;
  - (e) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray; or
  - (f) Combinations of the above specified assemblies.

### Statistical Note

1. For the purposes of statistical reporting number 8472.90.9040, the term "note counters and note scanners" means document handling machines that count currency bills, bank notes, coupons, script or other value-based paper documents and to stack them in an organized fashion. Note counters and note scanners can both incorporate a sensor for detecting suspect (i.e., counterfeit) documents. Note scanners have additional sensors that enable the machines to distinguish documents by denomination.

	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Quantity	Conoral	1 Special	2
401	fix	Nuclear reactors: fuel elements (contridess) and impdicted	Quantity	General	Special	
401		Nuclear reactors; fuel elements (cartridges), non-irradiated, for nuclear reactors; machinery and apparatus for isotopic separation; parts thereof:				
401.10.00	00	Nuclear reactors	t	3.3%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
3401.20.00	00	Machinery and apparatus for isotopic separation, and parts thereof	t	2.6%	MA,MX,P,SG) Free (A,AU,BH,CA,CL,E,IL,J,JO,MA,MX,P,SG)	35%
401.30.00	00	Fuel elements (cartridges), non-irradiated, and parts thereof	<b>v</b>	2 20/		450/
		·			Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	
401.40.00	00	Parts of nuclear reactors	t	3.3% <u>1</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%
402		Steam or other vapor generating boilers (other than central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers; parts thereof:  Steam or other vapor generating boilers:				
402.11.00	00	Watertube boilers with a steam production exceeding 45 t per hour	t	5.2% <u>2</u> /	Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	45%
402.12.00		Watertube boilers with a steam production not exceeding 45 t per hour	t	4.3%	Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	45%
3402.19.00	00	Other vapor generating boilers, including hybrid boilers	t	5.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
3402.20.00	00	Super-heated water boilers	t	3.3%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
402.90.00		Parts		4.3%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%
	10 90	Heat exchangers			WA,WA,F,3G)	
3403 3403.10.00	00	Central heating boilers (other than those of heading 8402) and parts thereof:	No	Fron		450/
	00	Boilers	No X	Free Free		45% 45%

 $<sup>\</sup>underline{1}/$  See subheadings 9902.84.03 and 9902.84.04.  $\underline{2}/$  See subheadings 9902.84.02 and 9902.84.01.

84-6						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3404		Auxiliary plant for use with boilers of heading 8402 or 8403				
		(for example, economizers, super-heaters, soot removers,				
		gas recoverers); condensers for steam or other vapor				
		power units; parts thereof:				
3404.10.00		Auxiliary plant for use with boilers of heading 8402 or				
		8403		3.5%	Free (A,AU,BH,CA,	45%
				0.070	CL,E,IL,J,JO,	.0,0
					MA,MX,P,SG)	
	10	Economizers	+		14174,14174,11 ,000)	
	50	Other				
3404.20.00		Condensers for steam or other vapor power units	1	5.6%	Free (A,AU,BH,CA,	15%
404.20.00	00	Condensers for steam of other vapor power units	٠	5.0%	CL,E,IL,J,JO,	45%
					MA,MX,P,SG)	
2404 00 00	۸۸	Parts	~	2 50/		450/
3404.90.00	00	Parts	^	3.5%	Free (A,AU,BH,CA,	45%
					CL,È,IL,J,JO,	
					MA,MX,P,SG)	
3405		Producer gas or water gas generators, with or without their				
		purifiers; acetylene gas generators and similar water				
		process gas generators, with or without their purifiers;				
		parts thereof:				
3405.10.00	00	Producer gas or water gas generators, with or without				
		their purifiers; acetylene gas generators and similar				
		water process gas generators, with or without their				
		purifiers	Х	Free		45%
405.90.00	00	Parts	X	Free		45%
					İ	
					İ	
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84-7	7

Heading/	Stat.		Unit		Rates of Duty	84-7
•	Suf-	Article Description	of	-	1	2
	fix		Quantity	General	Special	
8406 8406.10		Steam turbines and other vapor turbines, and parts thereof:				
8406.10.10	00	Turbines for marine propulsion: Steam turbines	No	6.7%	Free (A,BH,CA,CL, E,IL,J,JO, MA,MX,P,SG)	20%
8406.10.90	00	Other	No	Free	3.3% (AU)	27.5%
8406.81 8406.81.10		Of an output exceeding 40 MW: Steam turbines		6.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	20%
	20	Stationary steam turbines, condensing type	No.		, , ,	
	70		No.	_		
8406.81.90 8406.82	00	OtherOf an output not exceeding 40 MW:	No	Free		27.5%
8406.82.10		Steam turbines		6.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	20%
	10 20		No. No.			
	50		No.			
	70	Exceeding 7,460 kW	No.			
8406.82.90 8406.90	00	Other	No	Free		27.5%
8406.90.20	00	Of steam turbines: Rotors, finished for final assembly	No	6.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	20%
8406.90.30	00	Rotors, not further advanced than cleaned or machined for removal of fins, gates, sprues, and risers, or to permit location in finishing	Na	0.70/		000/
		machinery	No	6.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	20%
8406.90.40	00	Blades, rotating or stationary	No	6.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	20%
8406.90.45		Other		6.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	20%
	40	Rotors or spindles and rotor or spindle assemblies	No.		, , , , ,	
	80		X			
8406.90.50	00	Other: Rotors, finished for final assembly	No	Free		27.5%
8406.90.60	00	Rotors, not further advanced than cleaned or machined for removal of fins, gates, sprues, and risers, or to permit location in finishing		_		07.50/
		machinery	No	Free		27.5%
8406.90.70 8406.90.75	00 00	Blades, rotating or stationary Other	-	Free Free		27.5% 27.5%

84-8 Heading/	Stat.		Unit	1	Pates of Duty	
•	Stat. Suf-	Article Description	of		Rates of Duty	2
	fix	. 24515 25551p451	Quantity	General	Special	1 -
407		Spark-ignition reciprocating or rotary internal combustion				
		piston engines:		_		0.50/
3407.10.00		Aircraft engines		Free		35%
		New:				
	20	Less than 373 kW	No.			
	40	373 kW or over	No.			
	60	Used or rebuilt	-			
	90	Other	No.			
8407.21.00		Outboard motors		Free		35%
J-107 .Z 1.00	40	Less than 22.38 kW		1100		10070
	80	Other				
3407.29.00	40	Other		Free		35%
	10	Inboard engines with outboard drive	No.			
	20	Inboard engines with inboard drive:  Less than 746 W	No.			
	30	746 W or greater, but not exceeding	1.10.			
		18.65 kW	No.			
			1			
	40	Exceeding 18.65 kW	No.			
		Reciprocating piston engines of a kind used for the propulsion of vehicles of chapter 87:				
3407.31.00		Of a cylinder capacity not exceeding 50 cc	1	Free		35%
	40	Less than 746 W	No.			
	80	Other	. No.			
8407.32		Of a cylinder capacity exceeding 50 cc but not				
8407.32.10	00	exceeding 250 cc: To be installed in tractors suitable for				
3407.02.10	00	agricultural use	No	Free		Free
		3				
8407.32.20		To be installed in vehicles of subheading		_		. = 0.
	40		No.	Free		35%
	40 80	Used or rebuilt	-			
3407.32.90	00	Other	-	Free		35%
	40	Not exceeding 18.65 kW	No.			
	80	Exceeding 18.65 kW	No.			
8407.33		Of a cylinder capacity exceeding 250 cc but not				
8407.33.10		exceeding 1,000 cc: To be installed in tractors suitable for				
5407.55.10		agricultural use	1	Free		Free
	30	Not exceeding 37.3 kW	No.			1
		Exceeding 37.3 kW:				
	60	Air-cooled				
	90	Other	. No.			
		8701.20, or heading 8702, 8703 or 8704:				
8407.33.30		To be installed in vehicles specially				
		designed for traveling on snow, golf				
		carts, non-amphibious all-terrain vehicles				250/
	40	and burden carriers	No.	Free		35%
	80	Other	No.			
3407.33.60		Other	]	2.5%	Free (A,AU,B,BH,	35%
					CA,CL,E,IL,J,JO,	
	40	Llood or robuilt	No		MA,MX,P,SG)	
	40 80	Used or rebuilt	No. No.			
3407.33.90	50	Other	-	Free		35%
	40	Not exceeding 18.65 kW	No.			
	80	Exceeding 18.65 kW				
			I		•	1

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Heading/	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of		1	2
	fix	·	Quantity	General	Special	
3407		Spark-ignition reciprocating or rotary internal combustion				
con.)		piston engines (con.):				
		Reciprocating piston engines of a kind used for the				
407.04		propulsion of vehicles of chapter 87 (con.):				
407.34		Of a cylinder capacity exceeding 1,000 cc:				
407.34.05		Of a cylinder capacity not exceeding 2,000 cc: To be installed in tractors				
407.34.05		suitable for agricultural use		Free		Free
	30	Not exceeding 37.3 kW	No.	1100		1100
		Exceeding 37.3 kW:				
	60	Air-cooled	No.			
	90	Other	No.			
		To be installed in vehicles of subheading				
1407 24 44	00	8701.20, or heading 8702, 8703 or 8704:	No	0.50/	Free /A ALLD DLL	250/
407.34.14	00	Used or rebuilt	No	2.5%	Free (A,AU,B,BH,	35%
					CA,CL,E,IL,J,JO, MA,MX,P,SG)	
3407.34.18	00	Other	No	2.5%	Free (A,AU,B,BH,	35%
		<b>3.13</b>		,	CA,CL,E,IL,J,JO,	00,0
					MA,MX,P,SG)	
3407.34.25	00		No	Free	, , , ,	35%
		Of a cylinder capacity exceeding 2,000 cc:				
3407.34.35		To be installed in tractors suitable for		_		_
	20			Free		Free
	30	Not exceeding 37.3 kW Exceeding 37.3 kW:	No.			
	60	Air-cooled	No.			
	90	Other	No.			
	00	To be installed in vehicles of subheading	. 10.			
		8701.20, or heading 8702, 8703 or 8704:				
3407.34.44	00	Used or rebuilt	No	2.5%	Free (A,AU,B,BH,	35%
					CA,CL,E,IL,J,JO,	
		0.11		/	MA,MX,P,SG)	/
3407.34.48	00	Other	No	2.5%	Free (A,AU,B,BH,	35%
					CA,CL,E,IL,J,JO,	
3407.34.55	00	Other	No	Eroo	MA,MX,P,SG)	35%
3407.90	00	Other engines:	140	1166		3370
3407.90.10		To be installed in agricultural or horticultural				
		machinery or equipment		Free		Free
		Not exceeding 37.3 kW:				
	10		No.			
	20		No.			
	60	Other:	No			
	60 80	Air-cooled	No. No.			
3407.90.90	80	Other	INO.	Free		35%
, , , , , , , , , , , , , , , , , , , ,	10	Gas (natural or LP) engines	No.	1 100		33 /0
		Other:				
	20	Less than 746 W	No.			
	40	746 W or greater but less than 4,476 W	No.			
	60	4,476 W or greater but not exceeding	N. 1.			
		18.65 kW	No.			
	80	Exceeding 18.65 kW	No.			
	JU	LACEGUING TO.03 KVV	INO.			
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XVI 84-10 Heading/	Stat.		Unit	<u> </u>	Rates of Duty	
•	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8408		Compression-ignition internal combustion piston engines (diesel or semi-diesel engines):				
8408.10.00		Marine propulsion engines		2.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	05 15	Not exceeding 111.9 kWExceeding 111.9 kW but not exceeding 149.2 kW	No. No.		, ,. ,. ,. ,.	
	20	Exceeding 149.2 kW but not exceeding 223.8 kW	No.			
	30 40	Exceeding 223.8 kW but not exceeding 373 kW Exceeding 373 kW but not exceeding 746 kW	No. No.			
8408.20	50	Exceeding 746 kW Engines of a kind used for the propulsion of vehicles	No.			
8408.20.10		of chapter 87:				
0400.20.10		To be installed in tractors suitable for agricultural use		Free		Free
	40 80	Not exceeding 37.3 kW	No. No.			
8408.20.20	00	To be installed in vehicles of subheading 8701.20, or heading 8702, 8703 or 8704		2.5% 1/	Free (A*,AU,B,BH,	35%
		or neading 6762, 6763 or 6764	110	2.370 <u>1</u> 7	CA,CL,E,IL,J,JO,	33 /0
8408.20.90	00	Other	No	2.5%	MA,MX,P,SG) Free (A*,AU,BH, CA,CL,E,IL,J,JO,	35%
8408.90		Other engines:			MA,MX,P,SG)	
8408.90.10		To be installed in agricultural or horticultural machinery or equipment		Free		Free
	40 80	Not exceeding 37.3 kW	No. No.			
8408.90.90		Other		Free		35%
	10 20	Not exceeding 149.2 kW	No.			
	30	Exceeding 373 kW but not exceeding 746 kW	No.			
	40	Exceeding 746 kW but not exceeding 1,119 kW	No.			
	50	Exceeding 1,119 kW	No.			
				l		

•	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Quantity	General	1 Special	2
3409	fix	Parts suitable for use solely or principally with the engines	Quantity	General	Special	
<del>1</del> 03		of heading 8407 or 8408:				
3409.10.00		For aircraft engines		Free		35%
	40	For use in civil aircraft 1/	. kg			
	80	Other:	кд			
3409.91		Suitable for use solely or principally with				
		spark-ignition internal combustion piston engines				
3409.91.10		<ul><li>(including rotary engines):</li><li>Cast-iron parts, not advanced beyond cleaning,</li></ul>				
9409.91.10		and machined only for the removal of fins,				
		gates, sprues and risers or to permit location in				
	40	finishing machinery		Free		10%
	40	For vehicles of subheading 8701.20, or heading 8702, 8703 or 8704	kg			
		ricading 0702, 0700 or 0704	N9			
	60	For marine propulsion engines	kg			
	80	Other:	kg			
		For vehicles of subheading 8701.20, or				
		heading 8702, 8703 or 8704:				
3409.91.30	00	Aluminum cylinder heads		2.5%	Free (A,AU,B,BH,	35%
			kg		CA,CL,E,IL,J,JO, MA,MX,P,SG)	
3409.91.50		Other		2.5%	Free (A*,AU,B,BH,	35%
					CA,CL,E,IL,J,JO,	
	10	Connecting rade	No		MA,MX,P,SG)	
	10	Connecting rods	kg			
	80	Other	kg			
3409.91.92		For marine propulsion engines		2.5%	Free (A,AU,BH,CA,	35%
					CL,E,IL,J,JO, MA,MX,P,SG)	
	10	Connecting rods	No.		IVIA,IVIX,I ,50)	
			kg			
	90	Other	. kg			
3409.91.99		Other		2.5%	Free (A*,AU,BH,	35%
					CA,CL,E,IL,J,JO,	
	10	Connecting rods	No		MA,MX,P,SG)	
	10		ka			
	90	Other	kg			

84-12						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8409	IIX	Parts suitable for use solely or principally with the engines	Quantity	General	Special	
(con.)		of heading 8407 or 8408 (con.):				
		Other (con.):				
8409.99		Other:				
8409.99.10		Cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins,				
		gates, sprues and risers or to permit location in				
		finishing machinery		Free		10%
	40	For vehicles of subheading 8701.20, or	lea.			
		heading 8702, 8703 or 8704	kg			
	60	For marine propulsion engines	kg			
	80	Other	kg			
8409.99.91		Other: For vehicles of subheading 8701.20, or				
0403.33.31		heading 8702, 8703 or 8704		2.5%	Free (A*,AU,B,BH,	35%
		•			CA,CL,E,IL,J,JO,	
	10	Connecting rods	No		MA,MX,P,SG)	
	10	Connecting rous	kg			
l	90		kg			
8409.99.92		For marine propulsion engines		2.5%	Free (A,AU,BH,CA,	35%
					CL,È,IL,J,JO, MA,MX,P,SG)	
	10	Connecting rods	No.		WIA,WIA, 1,00)	
			kg			
9400 00 00	90	Other	kg	Fron		250/
8409.99.99	10	Other	No.	Free		35%
			kg			
	90	Other	kg			
8410		Hydraulic turbines, water wheels and regulators therefor;				
0410		parts thereof:				
		Hydraulic turbines and water wheels:				
8410.11.00	00	Of a power not exceeding 1,000 kW	No	3.8%	Free (A,AU,BH,CA,	27.5%
					CL,E,IL,J,JO, MA,MX,P,SG)	
8410.12.00	00	Of a power exceeding 1,000 kW but not				
		exceeding 10,000 kW	No	3.8%	Free (A,AU,BH,CA,	27.5%
					CL,É,IL,J,JO, MA,MX,P,SG)	
8410.13.00	00	Of a power exceeding 10,000 kW	No	3.8%	Free (A,AU,BH,CA,	27.5%
					CL,È,IL,J,JO,	
8410.90.00	00	Parts, including regulators	Y	3.8%	MA,MX,P,SG)	27 5%
10.90.00	UU	i arts, including regulators	^	J.U /0	Free (A,AU,BH,CA, CL,E,IL,J,JO,	21.5/0
					MA,MX,P,SG)	
					'	

	Stat.		Unit		Rates of Duty	84
•	Siai. Suf-	Article Description	of		1	2
	fix	·	Quantity	General	Special	
411		Turbojets, turbopropellers and other gas turbines, and				
		parts thereof:				
411.11		Turbojets: Of a thrust not exceeding 25 kN:				
411.11.40	00	Aircraft turbines	No	Free		35%
411.11.80	00	Other	No	Free		35%
411.12		Of a thrust exceeding 25 kN:	<b> </b>	_		0.50/
411.12.40 411.12.80		Aircraft turbines	-	Free Free		35% 35%
411.12.00	00	Turbopropellers:	NO	riee		35%
411.21		Of a power not exceeding 1,100 kW:				
411.21.40		Aircraft turbines		Free		35%
411.21.80	00	Other	No	Free		35%
411.22 411.22.40	00	Of a power exceeding 1,100 kW: Aircraft turbines	No	Free		35%
411.22.80		Other		Free		35%
		Other gas turbines:				
411.81		Of a power not exceeding 5,000 kW:	l	_		
			No		Free /A ALL DLL CA	35%
411.81.80	00	Other	No	2.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
					MA,MX,P,SG)	
411.82		Of a power exceeding 5,000 kW:			, ,. ,. ,. ,. ,	
411.82.40		Aircraft turbines	No	Free	_	35%
411.82.80	00	Other	No	2.5%	Free (A,AU,BH,CA,	35%
					CL,E,IL,J,JO, MA,MX,P,SG)	
		Parts:			IVIA,IVIA,F,3G)	
411.91		Of turbojets or turbopropellers:				
411.91.10		Cast-iron parts, not advanced beyond cleaning,				
		and machined only for the removal of fins,				
		gates, sprues and risers or to permit location in finishing machinery		Free		10%
	40	Parts of nonaircraft turbines	kg	1166		10 /0
	. •	Parts of aircraft turbines:				
	60	For use in civil aircraft 1/				
444 04 00	90	Other		Гто o		250/
411.91.90	40	Other		Free		35%
	80	Parts of aircraft turbines	x			
411.99		Other:				
411.99.10		Cast-iron parts, not advanced beyond cleaning,				
		and machined only for the removal of fins,				
		gates, sprues and risers or to permit location in finishing machinery		Free		10%
	10	Parts of nonaircraft gas turbines	X			1.070
		Parts of aircraft gas turbines:				
	40	For use in civil aircraft 1/				
411.99.90	80	Other	Х	2.4%	Free (A,AU,BH,C,	35%
+ 1 1.33.3U		Otilei		∠. <del>4</del> 7/0	CA,CL,E,IL,J,JO,	35%
					MA,MX,P,SG)	
		Parts of nonaircraft gas turbines:				
	30	Rotors or spindles and rotor or spindle	No			
		assemblies	No.			
	60	Other	Х			
	90	Parts of aircraft gas turbines	x			
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84-14						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	1
8412		Other engines and motors, and parts thereof:				1
8412.10.00		Reaction engines other than turbojets		Free		35%
	10	Missile and rocket engines	No.			
	90	Other	No.			
		Hydraulic power engines and motors:				
8412.21.00		Linear acting (cylinders)		Free		27.5%
	15	Tie-rod type	No.			
	30	Weld fused type	No.			
		Other:				
	45	Telescoping	No.			
	60	Rodless				
0.440.00	75	Other	No.			
8412.29	00	Other:	NI-	F		200/
8412.29.40	00	Hydrojet engines for marine propulsion	NO	Free		30%
8412.29.80		Othor		Free		27.5%
0412.29.00		Other		riee		21.5%
	15	Unlimited rotary acting:	No.			
	30	Gear type	No.			
	45	Axial piston type				
	60	Other	No.			
	75	Other	No.			
		Pneumatic power engines and motors:	. 10.			
8412.31.00		Linear acting (cylinders)		Free		27.5%
0112.01.00	40	Tie-rod type	No.	1100		27.070
	80	Other	No.			
8412.39.00		Other		Free		27.5%
	40	Unlimited rotary acting	No.			
	80	Other	No.			
8412.80		Other engines and motors:				
8412.80.10	00	Spring-operated and weight-operated motors	No	Free		35%
8412.80.90	00	Other	X	Free		27.5%
8412.90		Parts:				
	00	Of hydrojet engines for marine propulsion	X	Free		30%
8412.90.90		Other		Free		27.5%
		Of hydraulic power engines and motors:				
	05	Óf linear acting engines and motors	X			
	15	Other	X			
		Of pneumatic power engines and motors:				
	25	Of linear acting engines and motors	X			
	35	Other	X			
	50	Of reaction engines other than turbojets				
	80	Other	Х			
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	Stat.		Unit		Rates of Duty	84
Subheading	Suf-	Article Description	of	0.2.2.2.1	1	2
440	fix	Dumpe for liquide, whether or not fitted with a macouring	Quantity	General	Special	
413		Pumps for liquids, whether or not fitted with a measuring device; liquid elevators; part thereof:				
		Pumps fitted or designed to be fitted with a measuring				
		device:				
3413.11.00	00	Pumps for dispensing fuel or lubricants, of the type	NI-	F		250/
		used in filling-stations or in garages	No	Free		35%
413.19.00	00	Other	No	Free		35%
3413.20.00	00	Hand pumps, other than those of subheading 8413.11				00,0
		or 8413.19	No	Free		35%
1440.00						
413.30		Fuel, lubricating or cooling medium pumps for internal combustion piston engines:				
413.30.10	00	Fuel-injection pumps for compression-ignition				
		engines	No	2.5% <u>1</u> /	Free (A*,AU,B,BH,	35%
		-		_	C,CA,CL,E,IL,J,	
					JO,MA,MX,P,	
413.30.90		Other		2.5% 1/	SG) Free (A,AU,B,BH,	35%
+10.00.00		Other		2.5 /0 <u>1/</u>	C,CA,CL,E,IL,J,	33 /0
					JO,MA,MX,P,	
					SG)	
	30	Fuel pumps	No.			
	60 90	Lubricating pumps	No. No.			
413.40.00	00	Concrete pumps	No	Free		35%
413.50.00		Other reciprocating positive displacement pumps		Free		35%
	10	Oil well and oil field pumps	No.			
	50	Diaphragm pumps	No.			
		Hydraulic fluid power pumps:				
	70	Radial piston type	No.			
	80	Other	No.			
	90	Other	No.	_		
413.60.00		Other rotary positive displacement pumps		Free		35%
	20	Hydraulic fluid power pumps:  Vane type	No.			
	30	Gear type	No.			
	40	Other	No.			
		Other:				
	50 70	Oil well and oil field pumps	No. No.			
	90	Other	No.			
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84-16	_					
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8413		Pumps for liquids, whether or not fitted with a measuring				
(con.) 8413.70		device; liquid elevators; part thereof (con.): Other centrifugal pumps:				
8413.70.10	nn	Stock pumps imported for use with machines for				
0413.70.10	00		No	Free		35%
		making ocharosio paip, paper or paperboard	110	1100		0070
8413.70.20		Other		Free		35%
	04	Submersible pumps	No.			
		Other:				
		Single-stage, single-suction, close-coupled:				
	05	With discharge outlet under 5.08 cm in diameter	No.			
		ulanietei	NO.			
	15	With discharge outlet 5.08 cm or over				
		in diameter	No.			
		Single-stage, single-suction, frame-				
		mounted:				
	22	With discharge outlet under 7.6 cm in	NI-			
		diameter	No.			
	25	With discharge outlet 7.6 cm or over in				
	25	diameter	No.			
	30	Single-stage, double-suction	No.			
	40	Multi-stage, single- or double-suction				
	90	Other	No.			
0440 04 00		Other pumps; liquid elevators:		<b></b>		050/
8413.81.00	20	Pumps	No.	Free		35%
	30	Household water systems, self-contained;	NO.			
	00	and windmill pumps	No.			
	40	Other	No.			
8413.82.00	00	Liquid elevators	No	Free		35%
0.440.04		Parts:				
8413.91 8413.91.10		Of pumps:				
0413.91.10	00	Of fuel-injection pumps for compression-ignition engines	x	2.5%	Free (A,AU,B,BH,	35%
		compression ignition engines	Λ	2.570	C,CA,CL,E,IL,J,	3370
					JO,MA,MX,P,	
					SG)	
8413.91.20	00	Of stock pumps imported for use with				
		machines for making cellulosic pulp, paper or	V	<b></b>		050/
		paperboard	Χ	ree		35%
8413.91.90		Other		Free		35%
3.10.51.50	10	Of subheading 8413.30.90	Χ	1.00		10070
	50	Of hydraulic fluid power pumps	X			
	80	Other	X			l
8413.92.00	00	Of liquid elevators	X	Free		35%
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	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of	0.000	1	2
44.4	fix	A in a second se	Quantity	General	Special	
414		Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof:				
3414.10.00	00	Vacuum pumps	No	2.5%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
3414.20.00	00	Hand- or foot-operated air pumps	No	3.7%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
414.30		Compressors of a kind used in refrigerating equipment (including air conditioning):				
3414.30.40 3414.30.80	00	Not exceeding 1/4 horsepower Other Screw type:		Free Free		35% 35%
	10 20	Not exceeding 200 horsepower	No. No.			
	30	For all refrigerants except ammonia: For motor vehicles	No.			
	50	Exceeding 1/4 horsepower but not exceeding 1 horsepower	No.			
	60	Exceeding 1 horsepower but not exceeding 3 horsepower	No.			
	70	Exceeding 3 horsepower but not exceeding 10 horsepower	No.			
3414.40.00	80 90 00		No. No.			
4 14.40.00	00		No	2.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%

84-18						
	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
414 con.)		Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof con.):  Fans:				
3414.51		Table, floor, wall, window, ceiling or roof fans, with a self-contained electric motor of an output not exceeding 125 W:		0, 1,		
3414.51.30	00	Ceiling fans for permanent installation		_	Free (A,AU,BH,C, CA,CL,E,IL,J,JO, MA,MX,P,SG)	35%
3414.51.90		Other		4.7%	Free (A,AU,BH,C, CA,CL,E,IL,J,JO, MA,MX,P,SG)	35%
414.59	60 90	For permanent installation	No.			
3414.59.10	00	Blowers for pipe organsOther:	No	Free		35%
3414.59.30	00	Turbochargers and superchargers	No	2.3%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
3414.59.60		Other		2.3%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
	40	Suitable for use with motor vehicles Other:			36)	
	60 90	Centrifugal	No. No.			
	95	Other	No.			
3414.60.00	00	Hoods having a maximum horizontal side not exceeding 120 cm	No	Free		35%

<sup>&</sup>lt;u>1</u>/ See subheading 9902.84.14.

Hoading/	Stat		Unit	<u> </u>	Rates of Duty	84-
	Stat. Suf-	Article Description	Unit of		1	2
Oublicading	fix	Autole Description	Quantity	General	Special	1
8414		Air or vacuum pumps, air or other gas compressors and	,		·	
(con.)		fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof (con.):				
3414.80		Other, except parts: Air compressors:				
3414.80.05 3414.80.16	00	Turbochargers and superchargers Other	No	Free Free		35% 35%
	05	Stationary: Reciprocating:	No.			
	15	Exceeding 746 W but not exceeding 4.48 kW	No.			
	25	Exceeding 4.48 kW but not exceeding 8.21 kW	No.			
	35	Exceeding 8.21 kW but not exceeding 11.19 kW	No.			
	40	Exceeding 11.19 kW but not exceeding 19.4 kW	No.			
	45	Exceeding 19.4 kW but not exceeding 74.6 kW	No.			
	55	Exceeding 74.6 kW	No.			
	60	Not exceeding 11.19 kW	No.			
	65	Exceeding 11.19 kW but under 22.38 kW	No.			
	70	22.38 kW and over but not exceeding 74.6 kW	No.			
	75 80	Other	No. No.			
3414.80.20	85 90	Other	No. No.	Free		35%
	05 15	Refrigerant recovery units Other:  Centrifugal and axial	No.			
	55	Other, including reciprocating and rotary:  Not exceeding 186.5 kW	No.			
	65	Exceeding 186.5 kW but not exceeding 746 kW	No.			
	75	Exceeding 746 kW	No.			
3414.80.90	00	Other	No	3.7%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%

84-20						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8414		Air or vacuum pumps, air or other gas compressors and				
(con.)		fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; parts thereof (con.):				
8414.90		Parts:				
8414.90.10		Of fans (including blowers) and ventilating or				
0111.00.10		recycling hoods		4.7%	Free (A,AU,B,BH,	35%
		, ,			C,CÀ,CL,É,IL,J,	
					JO,MA,MX,P,	
	40	Office of a laborative 0444 54 00	V		SG)	
	40 80	Of fans of subheading 8414.51.00 Other	X			
	80	Of compressors:	^			
8414.90.30	00	Stators and rotors of goods of subheading				
		8414.30	No	Free		35%
8414.90.41		Other		Free		35%
		Of refrigerating and air conditioning				
	20	compressors: Compressor housings	No			
	40	Other	X			
		Other:			1	
		Of compressors of subheading				
	4-	8414.40:	N1 -			
	45 55	Compressor housings Other				
	55	Other:	^			
	65	Compressor housings	No.			
	75	Other	X			
3414.90.90		Other		Free		35%
	40	Of vacuum pumps	X			
	80	Other	Х			
8415		Air conditioning machines, comprising a motor-driven fan				
0+15		and elements for changing the temperature and humidity,				
		including those machines in which the humidity cannot be				
		separately regulated; parts thereof;				
8415.10		Window or wall types, self-contained or "split-system":		_		
8415.10.30	40	Self-contained	 No.	Free		35%
	60	2.93 kW per hour or greater but less	NO.			
	00	than 4.98 kW per hour	No.			
		a.a 1.55 1.1. ps. 1.55.				
	80	4.98 kW per hour or greater	No.			
0445 40 00		Other:				
8415.10.60	00	Incorporating a refrigerating unit and a				
		valve for reversal of the cooling/heat cycle (reversible heat pumps)	No	1%	Free (A,AU,B,BH,	35%
			140	1 70	C,CA,CL,E,IL,J,	3370
					JO,MA,MX,P,	
			l	l	SG)	L
8415.10.90	00	Other	No	2.2%	Free (A,AU,B,BH,	35%
					C,CA,CL,E,IL,J, JO,MA,MX,P,	
					SG)	
8415.20.00	00	Of a kind used for persons, in motor vehicles	No	1.4%	Free (A,AU,B,BH,	35%
		, , , , , , , , , , , , , , , , , , ,			CA,CL,E,IL,J,JO,	
					MA,MX,P,SG)	
					1	
					1	
					1	
					1	
					1	
					1	
					1	

Heading/	Stat.		Unit		Rates of Duty	84-
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
415		Air conditioning machines, comprising a motor-driven fan				
con.)		and elements for changing the temperature and humidity,				
		including those machines in which the humidity cannot be				
		separately regulated; parts thereof (con.):				
145 04 04		Other, except parts:				
3415.81.01		Incorporating a refrigerating unit and a valve for reversal of the cooling/heat				
		cycle (reversible heat pumps)		1%	Free (A,AU,B,BH,	35%
				1 70	C,CA,CL,E,IL,J,	33%
					JO,MA,MX,P,	
					SG)	
		Self-contained:			00)	
	10	Not exceeding 17.58 kW per hour	No.			
	20	Exceeding 17.58 kW per hour	No.			
	30	Other	No.			
8415.82.01		Other, incorporating a refrigerating unit		2.2%	Free (A,AU,B,BH,	35%
					C,CA,CL,E,IL,J,	
					JO,MA,MX,P,	
		Self-contained machines and remote			SG)	
		condenser type air conditioners other than				
		year-round units:				
	05	Not exceeding 17.58 kW per hour	No.			
	10	Exceeding 17.58 kW per hour	No.			
		Year-round units (heating and cooling):				
	15	Not exceeding 17.58 kW per hour	No.			
	20	Exceeding 17.58 kW per hour	No.			
		Room or central station air conditioning units				
	00	for use with water chillers:	N1 -			
	30	Room fan coil units	No.			
	35 40	Central station air handlers	No. No.			
	40	Dehumidifiers:	INO.			
	55	With a rated water removal capacity of				
		less than 35 liters over a 24 hour period	No.			
	60	Other	No.			
	70	Other air conditioning machines incorporating				
		a refrigerating unit	No.			
2445 02 00		Not in comparation a softime softime with		4.40/	Francis (A. ALLID DIL	0.50/
3415.83.00		Not incorporating a refrigerating unit		1.4%	Free (A,AU,B,BH,	35%
					C,CA,CL,E,IL,J, JO,MA,MX,P,	
					SG)	
		Heat exchangers including condensing units:				
		Condensing units:				
	50		No.			
	60		No.			
	70 90	Other	No.			
	90		No.			
			INO.			
				1		
	•	<u>.</u>	•	•	•	•

				1		
U	Stat.	<u>,</u>	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8415 (con.)		Air conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated; parts thereof (con.):			·	
8415.90 8415.90.40	00	Parts: Chassis, chassis bases and outer cabinets	No	1.4%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P,	35%
8415.90.80		Other		1.4%	SG) Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
	25	Air conditioning evaporator coils				
	45 65 85	Of automotive air conditioners Of heat pumps Other	Χ			
8416		Furnace burners for liquid fuel, for pulverized solid fuel or for gas; mechanical stokers, including their mechanical grates, necessate these of				
8416.10.00 8416.20.00	00 40 80	Other furnace burners, including combination burners		Free Free		27.5% 27.5%
8416.30.00	00	Other	X	Free		27.5%
3416.90.00	00	Parts	X	Free		27.5%
3417		Industrial or laboratory furnaces and ovens, including incinerators, nonelectric, and parts thereof:				
8417.10.00	00	Furnaces and ovens for the roasting, melting or other	No	2.9%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
8417.20.00	00	Bakery ovens, including biscuit ovens	No	3.5%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%
8417.80.00	00	Other, except parts	No	3.9%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
8417.90.00	00	Parts	x	3.9%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%

Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Overtity	Company	1	2
440	fix	Define vectors from any order of the continue	Quantity	General	Special	
418.418.418.418.418.418.418.418.418.418.		Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps, other than the air conditioning machines of heading 8415; parts thereof:  Combined refrigerator-freezers, fitted with separate external doors		Free		35%
	10	Compression type: Having a refrigerated volume of under 184 liters	No.			
	20	Having a refrigerated volume of 184 liters and over but under 269 liters	No.			
	30	Having a refrigerated volume of 269 liters and over but under 382 liters	No.			
	40 90	Having a refrigerated volume of 382 liters and over	No.			
418.21.00		Refrigerators, household type: Compression type	No.	Free	ree	35%
	10	Having a refrigerated volume of under 184 liters	No.			
	20	Having a refrigerated volume of 184 liters and over but under 269 liters	No.			
	30	Having a refrigerated volume of 269 liters and over but under 382 liters	No.			
	90	Having a refrigerated volume of 382 liters and over	No.			
3418.29 3418.29.10	00	Other: Absorption type, electrical	No	1%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
3418.29.20	00	Other	No	1.9%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
3418.30.00	00	Freezers of the chest type, not exceeding 800 liters capacity	No	Free	MA,MX,P,SG)	35%
3418.40.00	00	Freezers of the upright type, not exceeding 900 liters capacity	No	Free		35%
3418.50.00	10	Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment		Free		35%
	40 80	Freezing Other	No. No.			

84-24						
	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8418 (con.)		Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps, other than the air conditioning machines of heading 8415; parts thereof (con.):  Other refrigerating or freezing equipment; heat pumps:				
8418.61.01	00	Heat pumps other than air conditioning machines of heading 8415	No	Free		35%
8418.69.01	10 20 30	Other	No.	Free		35%
	40 50	Centrifugal liquid chilling refrigerating units Reciprocating liquid chilling refrigerating units	No.			
	60 80	Other refrigerating or freezing equipment	No. No.			
8418.91.00	00	Parts: Furniture designed to receive refrigerating or freezing equipment	x	Free		35%
8418.99 8418.99.40	00	Other:  Door assemblies incorporating more than one of the following: inner panel; outer panel; insulation; hinges; handles	X	Free		35%
8418.99.80	'	Other		Free		35%
2 1 10.00.00	'	Refrigeration condensing units:		1		100,0
	05	Not exceeding 746 W	No.			
	10	Exceeding 746 W but not exceeding 2.2 kW	No.			
	15	Exceeding 2.2 kW but not exceeding 7.5 kW	No.			
	20	Exceeding 7.5 kW but not exceeding 22.3 kW	No.			
	25	Exceeding 22.3 kW	No.			
	50	Parts of combined refrigerator-freezers fitted with separate external doors and	X			
	60	Other	X			
	. ,	ı	1 .	1	•	1

U	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3419		Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 8514), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilizing, pasteurizing, steaming, drying, evaporating, vaporizing, condensing or cooling, other than machinery or plant of a	,		·	
3419.11.00	00	kind used for domestic purposes; instantaneous or storage water heaters, nonelectric; parts thereof: Instantaneous or storage water heaters, nonelectric: Instantaneous gas water heaters	No	Free		45%
419.19.00	20 40	Other Instantaneous water heaters Solar water heaters	No. No. No.	Free		45%
3419.20.00	60 00	Other	No. No	Free		35%
419.31.00 419.32	00	Dryers: For agricultural products For wood, paper pulp, paper or paperboard:	No	Free		35%
419.32.10 419.32.50	00 00	For wood	No	Free Free		35% 35%
419.39.01	40 80	Other  For food and beverages  Other	No.	Free		35%
419.40.00	40 80	Distilling or rectifying plant	 No.	Free		35%
419.50 419.50.10	00	Heat exchange units: Brazed aluminum plate-fin heat exchangers	No	4.2%	Free (A,AU,BH,C, CA,CL,E,IL,J,JO,	35%
419.50.50 419.60		Other	No	Free	MA,MX,P,SG)	35%
3419.60.10	00	Machinery containing brazed aluminum plate-fin heat exchangers	No	4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
3419.60.50	00	Other	No	Free	MA,MX,P,SG)	35%

84-26						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8419		Machinery, plant or laboratory equipment, whether or not				
(con.)		electrically heated (excluding furnaces, ovens and other equipment of heading 8514), for the treatment of materials				
		by a process involving a change of temperature such as				
		heating, cooking, roasting, distilling, rectifying, sterilizing,				
		pasteurizing, steaming, drying, evaporating, vaporizing,				
		condensing or cooling, other than machinery or plant of a				
		kind used for domestic purposes; instantaneous or				
		storage water heaters, nonelectric; parts thereof (con.):				
		Other machinery, plant or equipment:				
8419.81		For making hot drinks or for cooking or heating				
8419.81.50		food: Cooking stoves, ranges and ovens		Free		35%
0419.01.50	40	For use in civil aircraft 1/	No.	1 166		33 /6
	80	Other	No.			
8419.81.90		Other		Free		35%
	40	Of a type used in restaurants, hotels or				
		similar locations	No.			
0.440.00	80	Other	No.			
8419.89 8419.89.10	00	Other:	No	Eroo	1	250/
0419.89.10	00	For making paper pulp, paper or paperboard Other:	INO	riee	1	35%
8419.89.60	00	Molten-salt-cooled acrylic acid reactors	No	Free		35%
8419.89.95	00	Other			Free (A,AU,BH,CA,	
0110.00.00				1.270	CL,E,IL,J,JO,	0070
					MA,MX,P,SG)	
		Designed for cooling:				
	20	For food and beverages				
	40	Other	No.			
		Other:	NI-			
	60 80	For food and beverages For rubber and plastics	NO.			
	85	For other materials	No.			
	03	Torother materials	NO.			
8419.90		Parts:				
8419.90.10	00	Of instantaneous or storage water heaters	X	Free		45%
8419.90.20	00	Of machinery and plant for making paper pulp				
		paper or paperboard	X	Free		35%
0.4.4.0.00.00				_		0.50/
8419.90.30	00	Of heat exchange units	X	Free		35%
8419.90.50		Other: Of molten-salt-cooled acrylic acid reactors;				
04 19.90.50		of medical, surgical or laboratory sterilizers		Free		35%
	40	Of medical, surgical or laboratory		1100		3370
		sterilizers	Х		1	
					1	
	80	Other	Χ		1	
8419.90.85	00	Of electromechanical tools for working in the	.,	<b> </b> _	1	
		hand with self-contained electric motor	X	Free	1	35%
8419.90.95		Other		4%	Free /A ALLEH CA	35%
0419.90.95		Otilei		4 70	Free (A,AU,BH,CA, CL,E,IL,J,JO,	33%
					MA,MX,P,SG)	
	20	Of an apparatus of a type used in				
	1	restaurants, hotels or similar locations	Χ		1	
					1	
	80	Other	Х		1	
					1	
					1	
					1	
					1	
					1	
					1	
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XV	
84-27	

•	Stat.		Unit		Rates of Duty	84-27
Subheading	Suf- fix	Article Description	of Quantity	General	Special	2
8420		Calendering or other rolling machines, other than for metals or glass, and cylinders therefor; parts thereof:	,		·	
8420.10 8420.10.10	00	Calendering or other rolling machines:	No	3.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	40%
8420.10.20	00	Calendering or similar rolling machines for making paper pulp, paper or paperboard	No	Free	Wirk, Wirk, 1 , CO)	35%
8420.10.90	40	Other		Free		35%
	80	Other	No.			
8420.91 8420.91.10	00	Cylinders: For textile calendering or rolling machines	No	2.6%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	40%
8420.91.20	00	For calendering or other rolling machines for machines for making paper pulp, paper or			WA,WA,I ,OO)	
0.400.04.00	0.0	paperboard				35%
8420.91.90 8420.99 8420.99.10		Other			Free (A,AU,BH,CA,	35%
8420.99.20			^	3.5 %	CL,E,IL,J,JO, MA,MX,P,SG)	40 %
0420.99.20	00	Of machines for making paper pulp, paper or paperboard	X	Free		35%
8420.99.90	00	Other	X	Free		35%
	00	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof:  Centrifuges, including centrifugal dryers:  Cream separators  Clothes-dryers  Other  Filtering or purifying machinery and apparatus for	No	Free	Free (A,AU,BH,C, CA,CL,E,IL,J,JO, MA,MX,P,SG)	25% 25% 25%
8421.21.00 8421.22.00		liquids: For filtering or purifying water For filtering or purifying beverages other than	No	Free		35%
UTL 1.22.UU	50	water	No	Free		35%
8421.23.00	00	Oil or fuel filters for internal combustion engines	X	2.5%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P,	35%
8421.29.00	05	Other		Free	SG)	35%
	15	Oil-separation equipment	No.			
	40	Hydraulic fluid power filters, rated at 1,000 kPa or greater	No.			
	65	Other	No.			

Stat.		Unit		Rates of Duty	
Suf-	Article Description	of		1	2
fix		Quantity	General	Special	
	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof (con.):  Filtering or purifying machinery and apparatus for gases:				
00	Intake air filters for internal combustion engines	x	2.5%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
00	Other	No	Free Free	,	35% 35%
00	through 8465, inclusive				
15	Other:	Х			
20 30 40	Electrostatic precipitators OtherGas separation equipment	No.			
60	Pneumatic fluid power filters,	No.			
90	Parts:	Х			
00	dryers: Drying chambers for the clothes-dryers of subheading 8421.12 and other parts of	Y	Free		25%
00	Furniture designed to receive the				25%
00 40	Other	X	Free Free		25% 35%
	or purifying water				
80	Other	Х			
	00 00 05 15 20 30 40 60 90 00 00	Suf- fix  Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof (con.): Filtering or purifying machinery and apparatus for gases: Intake air filters for internal combustion engines	Suffix  Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof (con.):  Filtering or purifying machinery and apparatus for gases:  Intake air filters for internal combustion engines  Other:  Catalytic converters Other  Dust collection and air purification equipment:  For machine tools of headings 8456 through 8465, inclusive  X  Therefore  Other:  Industrial gas cleaning equipment:  Electrostatic precipitators Other:  No.  Other:  Roas separation equipment  Other:  Pneumatic fluid power filters, rated at 550 kPa or greater  No.  Parts:  Of centrifuges, including centrifugal dryers:  Drying chambers for the clothes-dryers of subheading 8421.12 and other parts of clothes-dryers incorporating drying chambers  Value  Furniture designed to receive the clothes-dryers of subheading 8421.12 and other parts of clothes-dryers of subheading 8421.12  Other:  Parts of machinery and apparatus for filtering or purifying water  X	Suf- fix  Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof (con.): Filtering or purifying machinery and apparatus for gases:  Other:  Catalytic converters Other.  Dust collection and air purification equipment: For machine tools of headings 8456 through 8465, inclusive  X  The collection and air purification equipment: For machine tools of headings 8456 through 8465, inclusive  Cher: Industrial gas cleaning equipment: Electrostatic precipitators No. Other: Other: No. Other: Other: Pneumatic fluid power filters, rated at 550 kPa or greater No.  Parts: Of centrifuges, including centrifugal dryers: Drying chambers for the clothes-dryers of subheading 8421.12 and other parts of clothes-dryers incorporating drying chambers.  Free  Free  Other: Cher: V  Parts: Of centrifuges, including centrifugal dryers: Drying chambers for the clothes-dryers of subheading 8421.12 and other parts of clothes-dryers incorporating drying chambers.  Free  Other: V  Free  Parts of machinery and apparatus for filtering or purifying water  X	Suffix  Article Description  Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof (con.); Filtering or purifying machinery and apparatus for gases: Intake air filters for internal combustion engines. X 2.5%  Other:  Other:  Other:  Catalytic converters Other  Dust collection and air purification equipment: For machine tools of headings 8456 through 8465, inclusive X  Other:  Other:  Other:  Other:  Other:  No.  Other:  No.  Other:  No.  Other:  No.  Other:  No.  Other:  Other:  No.  Other:  No.  Other:  Other:  No.  Other:  Available air filters for internal combustion engines

Heading/	Stat.		Unit		Rates of Duty	
-	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3422		Dishwashing machines; machinery for cleaning or drying				
		bottles or other containers; machinery for filling, closing,				
		sealing or labeling bottles, cans, boxes, bags or other				
		containers; machinery for capsuling bottles, jars, tubes				
		and similar containers; other packing or wrapping				
		machinery (including heat-shrink wrapping machinery); machinery for aerating beverages; parts thereof:				
		Dishwashing machines:				
3422.11.00	00	Of the household type	No	2.4%	Free (A,AU,BH,CA,	35%
3422.11.00	00	Of the flousefiold type	110	2.4 /0	CL,E,IL,J,JO,	, 33 /6
					MA,MX,P,SG)	
8422.19.00	00	Other	No	Free	1111 (,111) (,1 ,00)	35%
	00	Machinery for cleaning or drying bottles or other				
		containers	No	Free		35%
3422.30		Machinery for filling, closing, sealing or labeling bottles,				
		cans, boxes, bags or other containers; machinery for				
		capsuling bottles, jars, tubes and similar containers;				
		machinery for aerating beverages:		_		
	00	Can-sealing machines	No			30%
3422.30.91	40	Other		Free		35%
	10		No.			
	20	Labeling machines	No.			
		Other:  Machinery for filling, closing, sealing,				
		capsuling or labeling bottles, cans				
		or similar containers:				
		Machines for filling, whether or not				
		capable of performing other operations:				
	30	Vacuum or gas packaging	No.			
	40	Other	No.			
		Machines which perform only the				
		following operations: capping,				
		lidding, sealing or closing:				
	50	Vacuum or gas packaging	No.			
	60	Other	No.			
	70	Other	No.			
		Machinery for filling, closing, sealing,				
		capsuling or labeling boxes, bags				
		or similar containers:				
	80	Machines for opening, filling and	N1 -			
		closing bags	No.			
	0.5	Machines for farming filling and				
	85	Machines for forming, filling and	No.			
		sealing bags/pouches	INU.			
	86	Machines for opening, filling and				
	00	closing boxes	No.			
		Globing boxes	. 10.			
	87	Machines for skin and blister				
	٠.	packaging	No.			
		, , ,				
	91	Other	No.			
				Ī		

84-30 Heading/	Stat.		Unit	I	Rates of Duty	
	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3422 (con.)		Dishwashing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labeling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating beverages; parts thereof (con.):				
3422.40		Other packing or wrapping machinery (including heat-shrink wrapping machinery):				
3422.40.11		Machines for packaging pipe tobacco; machines for wrapping candy; machines for wrapping cigarette packages; and combination candy		<b>5</b>		25%
	10 90	Machines for wrapping candy	No. No.	Free		35%
3422.40.91	40	Other	No.	Free		35%
	50	Machines for case and tray forming, packing, unpacking, closing and sealing	No.			
	60 70 81	Machines for shrink film and heat sealing	No.			
3422.90		Parts: Of dishwashing machines:				
3422.90.02	00	Water containment chambers for the dishwashing machines of subheading 8422.11 and other parts of dishwashing machines of the household type incorporating water	x	Free		35%
3422.90.04	00	Door assemblies for the dishwashing machines of subheading 8422.11	x	Free		35%
3422.90.06	40	Other	 X	Free		35%
3422.90.11 3422.90.21	80 00 00	Other	X	Free Free		30% 35%
3422.90.91	20	Other		Free		35%
	30 60	Of other wrapping and packaging	x x			
	95	Other	Х			

•	Stat.		Unit		Rates of Duty	84-
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3423		Weighing machinery (excluding balances of a sensitivity of 5 cg or better), including weight-operated counting or checking machines; weighing machine weights of all kinds; parts of weighing machinery:				
3423.10.00	10	Personal weighing machines, including baby scales; household scales	 No.	Free		45%
	30 60	Other	No. No.			
3423.20.00	00	Scales for continuous weighing of goods on conveyors	No	2.9%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
3423.30.00	00	Constant-weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales	No	Free	MA,MX,P,SG)	45%
3423.81.00		Other weighing machinery: Having a maximum weighing capacity not				
	10 20	exceeding 30 kg	No.	Free		45%
3423.82.00	30 40 50	Retail scales, computing	No. No.			
423.02.00	10 50	30 kg but not exceeding 5,000 kg  Digital electronic type  Other	No.	Free		45%
3423.89.00		Other		2.9%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%
3423.90.00	10 50	Digital electronic type Other Weighing machine weights of all kinds; parts of weighing machinery	No.	2.8%	Free (A,AU,BH,CA,	45%
	40	Digital weight indicators		2.0 //0	CL,E,IL,J,JO, MA,MX,P,SG)	45 %
	80	Other				

84-32						
•	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8424		Mechanical appliances (whether or not hand operated)				
		for projecting, dispersing or spraying liquids or powders;				
		fire extinguishers, whether or not charged; spray guns and				
		similar appliances; steam or sand blasting machines and				
		similar jet projecting machines; parts thereof:				
8424.10.00	00	Fire extinguishers, whether or not charged	No	Free		35%
8424.20		Spray guns and similar appliances:				
8424.20.10	00	Simple piston pump sprays and powder bellows	X	2.9%	Free (A,AU,B,BH,	45%
					CA,CL,E,IL,J,JO,	
		0.11		_	MA,MX,P,SG)	. = 0./
8424.20.90	00	Other	X	Free		35%
8424.30		Steam or sand blasting machines and similar jet				
0.40.4.00.40		projecting machines:		_		_
8424.30.10		Sand blasting machines	No	Free		Free
8424.30.90	00	Other	Х	Free		35%
		Other appliances:				
8424.81		Agricultural or horticultural:				
8424.81.10	00	Sprayers (except sprayers, self-contained,		_		_
		having a capacity not over 20 liters)	X	Free		Free
		<b>-</b>				
8424.81.90		Other		2.4%	Free (A,AU,BH,CA,	35%
					CL,E,IL,J,JO,	
					MA,MX,P,SG)	
		Irrigation equipment:				
	10	Self-propelled, center pivot				
	20	Other	No.			
		Other:				
	40	Sprayers, self-contained, having a				
		capacity not over 20 liters	No.			
	90	Other	No.			
8424.89.00	00	Other	No	1.8%	Free (A,AU,B,BH,	35%
					CA,CL,E,IL,J,JO,	
					MA,MX,P,SG)	
8424.90		Parts:				
8424.90.05		Of fire extinguishers	X	Free		35%
8424.90.10	00	Of simple piston pump sprays and powder				
		bellows	X	2.9%	Free (A,AU,B,BH,	45%
					CA,CL,E,IL,J,JO,	
					MA,MX,P,SG)	
8424.90.20	00	Of sand blasting machines	X	Free		Free
8424.90.90		Other		Free		35%
	40	Of steam and similar jet projecting machines	X			
	80	Other	X			
		I control of the cont	1	I	1	

Subheading S	Stat. Suf-		Unit	Ī	Rates of Duty	
		Article Description	of	1		2
0405	fix		Quantity	General	Special	
8425		Pulley tackle and hoists other than skip hoists; winches				
		and capstans; jacks:				
		Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles:				
8425.11.00	00	Powered by electric motor	No	Free		35%
	00	Other		Free		35%
0.405.04.04	00	Winches; capstans:	NI.	F		050/
	00	Powered by electric motor	No	Free		35% 35%
5425.55.01	00	Jacks; hoists of a kind used for raising vehicles:	140	1100		3370
	00	Built-in jacking systems of a type used in garages	No			35%
	00		No			35%
8425.49.00	00	Other	No	Free		35%
8426		Shine! darricke: grange including cable grange: mobile				
5420		Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with				
		a crane:				
		Overhead traveling cranes, transporter cranes, gantry				
		cranes, bridge cranes, mobile lifting frames and straddle carriers:				
8426.11.00	00	Overhead traveling cranes on fixed support	No	Free		35%
8426.12.00	00	Mobile lifting frames on tires and straddle carriers	No	Free		35%
	00			Free		35%
	00	Tower cranesPortal or pedestal jib cranes				35% 35%
5420.50.00	00	Other machinery, self-propelled:	110	1 166		33 /6
8426.41.00		On tires		Free		35%
	05		No.			
	10	Other: Cable operated	No			
	90	Other	No.			
8426.49.00		Other		Free		35%
	10					
	90	Other	INO.			
8426.91.00	00	Designed for mounting on road vehicles	No	Free		35%
8426.99.00	00	Other		Free		35%
8427		Fork-lift trucks; other works trucks fitted with lifting or				
		handling equipment:				
8427.10		Self-propelled trucks powered by an electric motor:		_		/
8427.10.40 8427.10.80	00	_ , 21 /	-	Free Free		35% 35%
	10	Other	No.	1166		33 /6
	60	• • • • • • • • • • • • • • • • • • • •	No.			
	90	Other	No.			
8427.20 8427.20.40	00	Other self-propelled trucks: Rider-type, counterbalanced fork-lift trucks	No	Free		35%
	00	Other		Free		35%
	00	Other trucks		Free		35%

84-34						
	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	┫
2420		Other lifting handling leading or unleading machiner.	Quartity	Contrai	Оробіа	
3428		Other lifting, handling, loading or unloading machinery				
2400 40 00		(for example, elevators, escalators, conveyors, teleferics):				
3428.10.00	00	Passenger or freight elevators other than continuous		_		/
		action; skip hoists	No	Free		35%
3428.20.00		Pneumatic elevators and conveyors		Free		35%
	10	Conveyors	No.			
	50	Elevators	No.			
	00	Other continuous-action elevators and conveyors,	140.			
		for goods or materials:				
1100 04 00		On a sight decimal of for an degree and are	NI-			250/
3428.31.00		Specially designed for underground use		Free		35%
	00			Free		35%
3428.33.00	00		No			35%
	00	Other	No	Free		35%
	00	Escalators and moving walkways	No	Free		35%
	• •					00,0
3428.60.00	00	Teleferics, chair lifts, ski draglines; traction				
720.00.00	00	mechanisms for funiculars	No	Free		35%
		mechanisms for funiculars	NO	riee		35%
		•		_		/
3428.90.01	l .	Other machinery		Free	Ī	35%
	10	Woodland log handling equipment (other than			ĺ	
			No.		Ī	
					ĺ	
ļ	20	Industrial robots	No.		İ	
	90		No.		ĺ	
		Outor	140.		ĺ	
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Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3429		Self-propelled bulldozers, angledozers, graders, levelers,				
		scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers:				
		Bulldozers and angledozers:				
3429.11.00		Track laying		Free		35%
	10	New	No.			
400 40 00	90	Used or rebuilt	No.	<b></b>		050/
3429.19.00	10	Other		Free		35%
	90	Used or rebuilt				
3429.20.00	00	Graders and levelers		Free		35%
429.30.00		Scrapers		Free		35%
	00	New:	N.			
	20 40	Not exceeding 13.7 m³	No. No.			
	60	Used or rebuilt	No.			
429.40.00		Tamping machines and road rollers		Free		35%
		New:				
	20		No.			
	40 60	Other				
	60	Mechanical shovels, excavators and shovel loaders:	No.			
3429.51		Front-end shovel loaders:				
3429.51.10		Wheel-type		Free		35%
		New:				
		Integral tractor shovel loaders, rear				
	05	engine mounted: 2 wheel drive	No.			
'	05	4 wheel drive with a bucket	INO.			
		capacity of:				
	15	Under 1.5 m³	No.			
	25	At least 1.5 m <sup>3</sup> but under	l			
		2.2 m³	No.			
	30	At least 2.2 m³ but under				
	30	2.9 m <sup>3</sup>	No.			
	35	At least 2.9 m <sup>3</sup> but under				
		3.8 m³	No.			
	40	At least 3.8 m³ but under				
	40	5.2 m <sup>3</sup>	No.			
			110.			
	45	At least 5.2 m <sup>3</sup> but under				
		7.6 m <sup>3</sup>	No.			
	50	At least 7.6 m³ but under				
	50	At least 7.6 m² but under 11.4 m³	No.			
			1			
	55	11.4 m³ and over	No.			
	60	Other	No.			
3429.51.50	65	Used or rebuilt	No.	Free		250/
429.51.50		Other		rree		35%
	10	Less than 44.7 kW	No.			
	20	At least 44.7 kW but under 67.1 kW	No.			
	30	At least 67.1 kW but under 93.2 kW	No.			
	40	At least 93.2 kW but under 119.3 kW	No.			
	50 60	119.3 kW and over	No. No.			
	JU	Osea of repulit	140.			
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Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
ū	fix		Quantity	General	Special	1
3429		Self-propelled bulldozers, angledozers, graders, levelers,				†
con.)	I	scrapers, mechanical shovels, excavators, shovel loaders,				
,		tamping machines and road rollers (con.):				
		Mechanical shovels, excavators and shovel loaders				
		(con.):				
3429.52		Machinery with a 360° revolving superstructure:				
429.52.10		Backhoes, shovels, clamshells and draglines		Free		35%
		New:				
		Crawler mounted:				
	10	Hydraulic	No.			
	20	Other	No.			
	20	Other:	NI-			
	30		No.			
	40 50		No. No.			
3429.52.50	50			Free		35%
429.52.50	10	New	 No.	riee		35%
	90	Used or rebuilt	No.			
3429.59	90	Other:	INO.			
3429.59.10	I	Backhoes, shovels, clamshells and				1
20.00.10	I	draglines		Free		35%
	I	New:				1 55 75
	30	Backhoes	No.			
	60	Other				1
	90		No.			
429.59.50		<b>6</b>		Free		35%
		New:				
		Ditchers and trenchers:				
	20		No.			
	40	Other	No.			
	60	Other	No.			
	80	Used or rebuilt	No.			
	I					
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Heading/	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of	1	,	2
3	fix	·	Quantity	General	Special	
3430		Other moving, grading, leveling, scraping, excavating,				
		tamping, compacting, extracting or boring machinery, for				
		earth, minerals or ores; pile-drivers and pile-extractors;				
2420 40 00	00	snowplows and snowblowers:	NI-	F		0.50/
3430.10.00 3430.20.00	00	Pile-drivers and pile-extractors	NO	Free		35% 35%
3430.20.00		Snowblowers:	1	riee		35%
	30	Attachment type	No			
	60	Other				
	90	Other				
		Coal or rock cutters and tunneling machinery:	1			
3430.31.00		Self-propelled		Free		35%
	40	Rock breaking machines	No.			
	80	Other				
3430.39.00		Other		Free		35%
	40	Rock breaking machines				
	80	Other	No.			
2420 44 00	00	Other boring or sinking machinery: Self-propelled	No	Гтоо		250/
3430.41.00 3430.49	00	Seit-propeiled	I INO	FIEE		35%
3430.49 3430.49.40	00	Offishore oil and natural gas drilling and				
/ <del>7</del> 00.43.40	00	production platforms	ka	Free		45%
		production platforms	1 '` <sup>9</sup> · · · · · ·	1 100		75/0
3430.49.80		Other		Free		35%
, 100. 10.00		For oil well and gas field drilling:	1	1100		0070
	10	Rotary	No.			
	20	Other	No.			
		For water well drilling:				
	30	Rotary	No.			
	40	Other				
	50	Other	No.			
3430.50		Other machinery, self-propelled:	١	_		0.50/
3430.50.10	00	Peat excavators		Free		35%
3430.50.50	00	Other	No	Free		35%
8430.61.00	00	Other machinery, not self-propelled: Tamping or compacting machinery	No	Eroo		35%
3430.61.00	00	Other				35%
3430.09.01	00	Otilei	110	1166		33 /0
3431		Parts suitable for use solely or principally with the				
, 10 1		machinery of headings 8425 to 8430:				
3431.10.00		Of machinery of heading 8425	1	Free		35%
	10	Of machinery of subheading 8425.11 or 8425.19	X			
	90	Other				
3431.20.00	00	Of machinery of heading 8427	X	Free		35%
		Of machinery of heading 8428:				
3431.31.00		Of passenger or freight elevators other than	1	_		0.507
		continuous action, skip hoists or escalators		Free		35%
	20	Of skip hoists				
	40 60	Of escalators				
3431.39.00	UU	Other		Free		35%
00.86.1 0 <del>1</del> ر	10	Of elevators and conveyors		1166		33 /0
	10	Other:	1^			
	50	Of oil and gas field machinery	Ιx			
	70	Of the woodland log handling equipment of	]``			
			X			
		·				
	80	Other	. X			
			1			
			1			
			1			
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			1			
			1			
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84-38						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8431		Parts suitable for use solely or principally with the				
(con.)		machinery of headings 8425 to 8430 (con.): Of machinery of heading 8426, 8429 or 8430:				
8431.41.00				Free		35%
0431.41.00	20	Shovel attachments		1166		33 70
	40	Clamshell (grappler) attachments				
	60	Dragline buckets	No.			
	80	Other				
8431.42.00	00	Bulldozer or angledozer blades	No	Free		35%
0424 42		Dorto for having or cipling machiner, of				
8431.43		Parts for boring or sinking machinery of subheading 8430.41 or 8430.49:				
8431.43.40	ററ	Of offshore oil and natural gas drilling and				
0 10 11 10.10	00	productions platforms	X	Free		45%
		p				
8431.43.80		Other		Free		35%
		Of oil and gas field machinery:				
	20	Tool joints, whether or not forged	No.			
	40 60	Drill pipe fitted with tool joints Other	NO.			
	90	Of other boring or sinking machinery	Ŷ			
8431.49	50	Other:				
8431.49.10		Of machinery of heading 8426		Free		35%
	10	Of machinery of subheadings 8426.11,				
		8426.19 and 8426.30	Х			
	60	Of mobile lifting frames, straddle carriers	V			
		and works trucks fitted with a crane	X			
	90	Other	Х			
8431.49.90	00	Other		Free		35%
		Attachments for mounting on machinery:				
	05	Backhoe attachments	No.			
	10	Front-end loader attachments				
	15	Rippers and rooters				
	20	Other	No.			
		Other: Parts of coal or rock cutters and				
		tunneling machinery:				
	25	Cast axle housings	No.			
	30	Other	X			
		Parts of backhoes, shovels, clamshells				
		and draglines:				
	35	Cast axle housings				
	40	Other	^			
	45	Scraper bowls for scrapers of				
	-0	subheadings 8429.30 and				
		8430.69	No.			
	50		X			
	55	Cast axle housings	No.			
	60	Other	٨			
			I	I	I	I

	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
432		Agricultural, horticultural or forestry machinery for soil	]			
		preparation or cultivation; lawn or sports ground rollers; parts thereof:				
432.10.00		Plows		Free		Free
432.10.00	20	Moldboard plows except listers	No.	riee		riee
	40	Disc plows	No.			
	60	Other	No.			
		Harrows, scarifiers, cultivators, weeders and hoes:	1			
432.21.00	00	Disc harrows	No	Free		Free
432.29.00		Other		Free		Free
		Cultivators, weeders and hoes:				
	40	Cultivators, tractor drawn or for tractor	l			
		mounting	No.			
	60	Malls habind rates still are	No.			
	60 80	Walk behind rotary tillersOther	No.			
	90	Other	No.			
432.30.00	90	Seeders, planters and transplanters	. INO.	Free		Free
402.00.00	10	Planters and transplanters	No.	1100		1100
	90	Seeders	No.			
432.40.00	00	Manure spreaders and fertilizer distributors	No	Free		Free
432.80.00	00	Other machinery	No	Free		Free
432.90.00		Parts		Free		Free
	05	Of plows	Х			
	15	Of harrows, scarifiers, cultivators, weeders and	l			
		hoes	X			
	30	Of seeders, planters, transplanters, manure	V			
		spreaders and fertilizer distributors	Х			
	80	Of other machinery	v			
	80	Of other machinery	1^			
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84-40						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Quantity	General	Special	2
8433	fix	Harvesting or threshing machinery, including straw or	Quantity	General	Special	
		fodder balers; grass or hay mowers; machines for				
		cleaning, sorting or grading eggs, fruit or other				
		agricultural produce, other than machinery of heading				
		8437; parts thereof: Mowers for lawns, parks or sports grounds:				
8433.11.00		Powered, with the cutting device rotating in a				
0 100.11.00		horizontal plane	1	Free		30%
	10	·	No.			
		Riding mowers, other than electric:				
i	20	Under 5.2 kW	No.			
	30 40	5.2 kW and over but under 7.46 kW	No. No.			
	40	Other:	INO.			
	50		No.			
	60	3.7 kW and over	No.			
8433.19.00		Other		Free		30%
	10	Greens mowers				
	20	Gang cutting units				
	30	Other riding mowersOther:	NO.			
	40	Gasoline powered	No.			1
	50	Other				1
8433.20.00		Other mowers, including cutter bars for tractor				1
		mounting		Free		Free
	20	Tractor drawn or for tractor mounting:	No.			1
	20 40	Rotary cutter typeOther				
	60	Other				
8433.30.00	00	Other haymaking machinery		Free		Free
8433.40.00	00	Straw or fodder balers, including pick-up balers	No	Free		Free
		Other harvesting machinery, threshing machinery:		_		1_
8433.51.00	40			Free		Free
	10 90	Self-propelled	No.			
8433.52.00	00	Other threshing machinery	No.	Free		Free
8433.53.00	00	Root or tuber harvesting machines	No	Free		Free
8433.59.00		Other		Free		Free
	10	Field forage harvesters	No.			
0422 60 00	90	Other	No.			
8433.60.00		Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce		Free		Free
	10		No.			1100
	90	Other	No.			
8433.90		Parts:	l.,	<b> </b> _		1
8433.90.10	00	Of mowers for lawns, parks or sports grounds		Free		30%
8433.90.50		Other		Free		Free
		machines and threshing machines:				
	20		Х			
	40	Other	X			1
	60	Of machines for cleaning, sorting or grading	<b> </b>			1
		eggs	Х			1
	80	Of machines for cleaning, sorting or grading				1
	OU		Х			1
,		irait or other agricultural produce	[^			1
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Heading/	Stat.		Unit	I	Rates of Duty	84-41
_	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	1 -
8434		Milking machines and dairy machinery, and parts thereof:				
8434.10.00	00	Milking machines		Free		Free
8434.20.00	00		No			Free
8434.90.00	00	Parts	<b>*</b>	Free		Free
8435		Presses, crushers and similar machinery, used in the				
		manufacture of wine, cider, fruit juices or similar				
		beverages; parts thereof:				
8435.10.00			No			40%
8435.90.00	00	Parts	^	Free		40%
8436		Other agricultural, horticultural, forestry, poultry-keeping				
		or bee-keeping machinery, including germination plant				
		fitted with mechanical or thermal equipment; poultry				
9426 10 00	00	incubators and brooders; parts thereof:	No	Fron		Fron
8436.10.00	UU	Machinery for preparing animal feeds	NO	Free		Free
		brooders:				
8436.21.00	00		No	Free		Free
8436.29.00	00	Other				Free
8436.80.00	00	Other machinery		Free		Free
	20	Forestry machinery	NO.			
	40	Barn and barnyard machines	No.			
	60	Machines for preparing crops for market or	]			
		for use	No.			
		0.0				
	70	Other:	No.			
	70 90	Bee-keeping machinery	No.			
	00	Parts:	110.			
8436.91.00		Of poultry-keeping machinery or poultry incubators				
	40	and brooders		Free		Free
	40 80	Of poultry incubators and brooders Other				
8436.99.00	00	Other		Free		Free
0.00.00.00	20	Of forestry machinery				
	30	Of bee-keeping machinery	Х			
	35	Of machinery for preparing animal feeds	X			
	40	Other: Of barn or barnyard machines	¥			
	70	Of machines for preparing crops for	^			
	. •	market or for use	Х			
	90	Other	X			
8437		Machines for cleaning, sorting or grading seed, grain or				
0707		dried leguminous vegetables, and parts thereof; machinery				
		used in the milling industry or for the working of cereals or				
		dried leguminous vegetables, other than farm type				
8437.10.00	00	machinery; parts thereof:  Machines for cleaning, sorting or grading				
0437.10.00	UU	seed, grain or dried leguminous vegetables	No.	Free		35%
		2000, grain of anoa logarillious vogotables	•••• • • • • • • • • • • • • • • • •			130,0
8437.80.00		Other machinery		Free		35%
	10	Flour mill and grain mill machines				
8437.90.00	90	Other	INO.	Free		35%
00.06. 10 <del>1</del> 0	10	Of flour mill or grain mill machines	χ	1166		33 /0
	90	Other				
•	,		•	•	=	•

84-42						
	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3438		Machinery, not specified or included elsewhere in this chapter, for the industrial preparation or manufacture of food or drink, other than machinery for the extraction or preparation of animal or fixed vegetable fats or oils; parts thereof:				
3438.10.00	10 90	Other	No. No.	Free		35%
3438.20.00	00	Machinery for the manufacture of confectionery, cocoa or chocolate	No	Free		35%
3438.30.00 3438.40.00	00 00	Machinery for sugar manufacture	No No	Free 2.3%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	Free 35%
3438.50.00		Machinery for the preparation of meat or poultry		2.8%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	10 90	Meat- and poultry-packing plant machinery Other			WA,WA,F,30)	
3438.60.00	00	Machinery for the preparation of fruits, nuts or vegetables	No	Free		35%
3438.80.00 3438.90		Other machinery				40%
3438.90.10 3438.90.90	00	Of machinery for sugar manufacture	X	Free 2.8%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	Free 35%
	15	Of bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products	x		MA,MX,P,SG)	
	30	Of machinery for the manufacture of confectionery, cocoa or chocolate	X			
	60	Of machinery for the preparation of meat or poultry	X			
	90	Other	X			
3439		Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard (other than the machinery of heading 8419); parts thereof:				
3439.10.00	10	New	No.	Free		35%
3439.20.00	90	Machinery for making paper or paperboard	No.	Free		35%
439.30.00	90 00	Used or rebuilt	No. No	Free		35%
3439.91		Of machinery for making pulp of fibrous cellulosic materials:				
439.91.10	00	Bed plates, roll bars and other stock-treating parts	x	Free		20%
439.91.90 439.99	00	Other	x	Free		35%
	00 00	Of machinery for making paper or paperboard Of machinery for finishing paper or paperboard				35% 35%

Hooding/	Ctat	I	l lp:4	ı	Potos of Duty	84-43
•	Stat. Suf-		Unit of		Rates of Duty	2
	fix		Quantity	General	Special	_
8440		Bookbinding machinery, including book-sewing machines,				
8440.10.00	00	and parts thereof:  Machinery	No	Free		25%
8440.90.00	00			Free		25%
8441		Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds, and parts thereof:				
8441.10.00 8441.20.00 8441.30.00	00	Cutting machines	No No	Free Free		35% 35%
		drums or similar containers, other than by molding	No	Free		35%
8441.40.00	00	Machines for molding articles in paper pulp, paper or paperboard	No	Free		35%
8441.80.00 8441.90.00		Other machinery				35% 35%
8442		Machinery, apparatus and equipment (other than the machine tools of headings 8456 to 8465), for preparing or making plates, cylinders or other printing components; plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished); parts thereof:				
8442.30.01	10 50	Machinery, apparatus and equipment	No.	Free		Free
8442.40.00	00	Parts of the foregoing machinery, apparatus or equipment	x	Free		Free
8442.50		Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished):				
8442.50.10 8442.50.90		Plates	No No		Free (A,AU,BH,CA, CL,E,IL,J,JO,MA, MX,P,SG)	25% 60%

84-44						
	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8443		Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof:  Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442:				
8443.11		Offset printing machinery, reel-fed:				
8443.11.10	00	Double-width newspaper printing presses	No	3.3%	Free (A,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	25%
8443.11.50 8443.12.00		Other	No		, ,. ,. ,. ,.	25%
		unfolded state)	No	Free		25%
8443.13.00 8443.14.00		Other offset printing machinery:	No			25%
			No	2.2%	Free (A,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	25%
8443.15.00	00	Letterpress printing machinery, other than reel fed, excluding flexographic printing	No	Free		25%
8443.16.00	00	Flexographic printing machinery	No	2.2%	Free (A,AU,BH, CA,CL,E,IL,J,JO,	25%
8443.17.00	00	Gravure printing machinery	No	2.2%	MA,MX,P,SG) Free (A,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	25%
8443.19 8443.19.20	00	Other: Textile printing machinery	x	2.6% <u>1</u> /	Free (A,AU,BH, CA,CL,E,IL,J,JO,	40%
8443.19.30	00	Other	X	Free	MA,MX,P,SG)	25%
8443.31.00	00	Other printers, copying machines and facsimile machines, whether or not combined:  Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data processing machine or to a network.	No	Free		35%
8443.32		Other, capable of connecting to an automatic				
		data processing machine or to a network:		_		0.50/
8443.32.10	10	Printer units:		Free		35%
		than 20 pages per minute	No.			
	20 30 40 50 60 70 80 90	Other Light bar electronic type Ink jet Thermal transfer Ionographic Daisy wheel Dot matrix Other	No. No. No. No. No. No. No. No.			
3443.32.50	00	Other	X	Free		35%

Heading/	Stat		Unit	I	Rates of Duty	84-
	Stat. Suf-	Article Description	Unit of		1	2
Cubilicauling	fix	Attide Description	Quantity	General	Special	<del>'</del>
3443		Printing machinery used for printing by means of plates,	quartity	00110141	opeo.a.	
con.)		cylinders and other printing components of heading 8442;				
CO11.)	•	other printers, copying machines and facsimile machines,				
		whether or not combined; parts and accessories				
	•	thereof (con.):				
3443.39	•	Other:				
770.00		Copying machines:				
		Electrostatic photocopying apparatus:				
3443.39.10	იი	Operating by reproducing the original				
	"	image directly onto the copy				
		(direct process)	No	Free		35%
		(4661 p.66666)				0070
3443.39.20	00	Operating by reproducing the original				
	•	image via an intermediate onto the copy				
	•	(indirect process)	No	3.7%	Free (A,AU,BH,	35%
	•	(,			CA,CL,E,IL,J,JO,	
	•				MA,MX,P,SG)	
		Other photocopying apparatus:			, , , , ,	
3443.39.30	00	Incorporating an optical system	No	Free		35%
443.39.40		Of the contact type	No	1.8%	Free (A,AU,BH,	35%
		,,			CA,CL,E,IL,J,JO,	
	•				MA,MX,P,SG)	
3443.39.50	00	Thermocopying apparatus	No	1.8%	Free (A,AU,BH,	35%
	•	,, , , , , , , , , , , , , , , , , , , ,			CA,CL,E,IL,J,JO,	
					MA,MX,P,SG)	
3443.39.60	00	Other	No	Free		35%
3443.39.90	00	Other	No	Free		35%
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84-46						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8443 (con.)		Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof (con.):  Parts and accessories:				
8443.91		Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442:				
8443.91.10 8443.91.20		Machines for uses ancillary to printing	X	Free 2.6%	Free (A,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	25% 40%
8443.91.30	00	Other	X	Free		25%
8443.99 8443.99.10	00	Other:  Accessory and auxiliary machines which are intended for attachment to an electrostatic photocopier and which do not operate independently of such photocopier	No	Free		35%
8443.99.20		Parts and accessories of printers: Parts of printer units of subheading 8443.32.10 specified in additional U.S. note 2 to this chapter:		Free		35%
	10 50	Ink cartridges	No.			
8443.99.25	10 50	Other:	No. X	Free		35%
8443.99.30	00	Parts of facsimile machines specified in additional U.S. note 3 to this chapter	x	Free		35%
8443.99.35	00	Other	X	Free		35%
8443.99.40	00	Parts and accessories of copying machines: Parts of photocopying apparatus of subheading 8443.39.20 specified in additional U.S. note 4 to this chapter	x	Free		35%
8443.99.45	00	Other	X	Free		35%
8443.99.50	11 15 50	Other: For the goods of subheading 8443.31: Ink cartridges Other Other	No.	Free		35%

•	Stat.		Unit		Rates of Duty	84
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8444.00.00		Machines for extruding, drawing, texturing or cutting	,			100/
	10	man-made textile materials	 No.	Free		40%
	90	Other	No.			
3445		Machines for propering toytile fibers; enipping, doubling or				
0440		Machines for preparing textile fibers; spinning, doubling or twisting machines and other machinery for producing				
		textile yarns; textile reeling or winding (including weft				
		winding) machines and machines for preparing textile yarns for use on the machines of heading 8446 or 8447:				
		Machines for preparing textile fibers:				
		Carding machines	No	Free		40%
3445.12.00 3445.13.00	00	Combing machines				40% 40%
3445.19.00	00	Other		3.3%	Free (A,AU,BH,CA,	
					CL,È,IL,J,JO,	
	40	Cotton gins	No.		MA,MX,P,SG)	
	80	Other	No.			
8445.20.00	00	Textile spinning machines		Free		40%
3445.30.00	10	Textile doubling or twisting machines	No.	Free		40%
	90	Other				
3445.40.00	00	Textile winding (including weft winding) or reeling	No	2.70/	Free (A ALL DLL CA	400/
		machines	No	3.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	<del>4</del> U%
					MA,MX,P,SG)	
8445.90.00	00	Other	No	3.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	40%
					MA,MX,P,SG)	
					, , , ,	
3446 3446.10.00		Weaving machines (looms):  For weaving fabrics of a width not exceeding 30 cm		Free		40%
7440.10.00	10	Power looms	No.	1100		40 /0
	90	Other	No.			
		For weaving fabrics of a width exceeding 30 cm, shuttle type:				
8446.21		Power looms:				
8446.21.10	00	For weaving fabrics of a width exceeding 4.9 m	No	Eroo		40%
						40%
8446.21.50	00	Other	No	3.7%	Free (A,AU,BH,CA,	40%
					CL,È,IL,J,JO, MA,MX,P,SG)	
8446.29.00	00		No	Free	1017 (,1017 (,1 ,00)	40%
3446.30		For weaving fabrics of a width exceeding 30 cm,				
8446.30.10		shuttleless type: Power looms for weaving fabrics of a width				
		exceeding 4.9 m		Free		40%
	10 20	Rapier type	No. No.			
	30	Jet type	No.			
3446.30.50		Other		3.7%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO, MA,MX,P,SG)	
	10	Rapier type	No.		IVIA,IVIA,I ,OG)	
	20	Jet type	No.			
	30	Other	No.			

84-48						
Heading/	Stat.	A	Unit		Rates of Duty	_
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8447		Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting:  Circular knitting machines:				
8447.11 8447.11.10	00	With cylinder diameter not exceeding 165 mm: For knitting hosiery	No	Free		40%
8447.11.90	10 20 90	Open-top cylinder machines Cylinder and dial machines Other	No.	Free		40%
8447.12 8447.12.10 8447.12.90	00	With cylinder diameter exceeding 165 mm:  For knitting hosiery  Other	No	Free Free		40% 40%
	10 20 90	Open-top cylinder machines	No. No. No.			
8447.20 8447.20.20	00	Flat knitting machines; stitch-bonding machines: V-bed flat knitting machines: Power driven flat knitting machines over				
0117.20.20	00	50.8 cm in width				40%
8447.20.30	00	Other	No	2.6%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	40%
8447.20.40 8447.20.60 8447.90		Warp knitting machines	No No	Free Free	, ,. ,. ,. ,.	40% 40%
8447.90.10 8447.90.50 8447.90.90	00	Braiding and lace-braiding machines Embroidery machines Other	No	Free		40% 30% 40%
8448.11.00	00	Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles):  Auxiliary machinery for machines of heading 8444, 8445, 8446 or 8447:  Dobbies and Jacquards; card reducing, copying,				
		punching or assembling machines for use	X	Free		40%
8448.19.00 8448.20	00	Other	X	Free		40%
8448.20.10	00	Of machines for extruding or drawing man-made textile filaments	x	3.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	40%
8448.20.50		Other		3.3%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	40%
	10 90	Of texturing machines	××		IVIM,IVIM,F,3U)	

Stat.		Unit		Rates of Duty	84-49
Suf- fix	Article Description	of Quantity	General	1 Special	2
	Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles) (con.):  Parts and accessories of machines of heading 8445 or of their auxiliary machines.				
00	Card clothing	m <sup>2</sup>	3.3%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%
10 90	card clothing	Χ	Free		40%
00	travellers	X	3.3%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	40%
00	Parts of spinning, doubling or twisting	x	Free		40%
00	Parts of winding or reeling machines	x	3.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	40%
00		X	Free	1VII (,1VI)(,1 ,00)	40%
00	or of their auxiliary machinery:	x	3.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	40%
00	Other: Shuttles	X	3.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA MX P.SG)	40%
00	Other	X	Free	1VII (,1VII) (,1 ,000)	40%
	or of their auxiliary machinery: Sinkers, needles and other articles used in forming stitches:				
00	Latch needles	thousand	Free		\$2/1,000 + 60%
00	1 0				\$1.50/1,000 + 50%
00					\$1.15/1,000 + 40%
	Other:				40%
00 00					40% 40%
	Suf-fix  000 10,900 00 00 00 00 00 00 00 00 00 00 00	Suf- fix  Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles) (con.):  Parts and accessories of machines of heading 8445 or of their auxiliary machinery:  Card clothing  Of machines for preparing textile fibers, other than card clothing  Of cotton gins  Other  Spindles, spindle flyers, spinning rings and ring travellers  Other:  Parts of spinning, doubling or twisting machines  Other  Parts and accessories of weaving machines (looms) or of their auxiliary machinery:  Reeds for looms, healds and heald-frames  Other:  Shuttles  Other:  Parts and accessories of machines of heading 8447 or of their auxiliary machinery:  Sinkers, needles and other articles used in forming stitches:  Needles for knitting machines:  Latch needles  Other:  Other	Suf- fix  Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles) (con.):  Parts and accessories of machines of heading 8445 or of their auxiliary machinery:  Card clothing	Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, heades and heald-frames, hosiery needles) (con.):   Parts and accessories of machines of heading 8445 or of their auxiliary machinery:   Card clothing	Suff fix  Auxillary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 844, 8446, 8448 or 8447 (for example, spindles and spindle flyers, card dorbing, combs, extruding nipples, shuttles, healds and headd-frames, hosiorise exclusions of their auxiliary machinery or of their auxiliary machinery or of their auxiliary machinery or of their auxiliary machinery or of their auxiliary machines of heading 8445 or of their auxiliary machinery or of their auxiliary machinery or of their auxiliary machines or preparing textile fibers, other than card clothing or of cotton gins or of their auxiliary machines or preparing textile fibers, other than card clothing or of cotton gins or of their auxiliary machines or preparing textile fibers, other than card clothing or of cotton gins or other or of their auxiliary machines or preparing textile fibers, other than card clothing or of their auxiliary machines or of their auxiliary machinery:  Reeds for looms, healds and heald-frames or of their auxiliary machinery:  Reeds for looms, healds and heald-frames or of their auxiliary machinery:  Shuttles or of their auxiliary machines or of their auxiliary machinery:  Sinkers, needles and other articles used in forming stitches:  Needles for knitting machines:  Latch needles or knitting machines:  Latch needles or knitting machines:  Latch needles or knitting machines:  Needles for k

Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3449.00		Machinery for the manufacture or finishing of felt or				
		nonwovens in the piece or in shapes, including machinery				
		for making felt hats; blocks for making hats; parts thereof:		,		
3449.00.10	00	Finishing machinery and parts thereof	X	2.6%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO,	
2440.00.50		Other	x	F	MA,MX,P,SG)	400/
3449.00.50	00	Other	<b>X</b>	Free		40%
3450		Household- or laundry-type washing machines, including				
5450		machines which both wash and dry; parts thereof:				
		Machines, each of a dry linen capacity not exceeding				
		10 kg:				
3450.11.00		Fully automatic machines		1.4%	Free (A,AU,BH,CA,	35%
					CL,È,IL,J,JO,	
					MA,MX,P,SG)	
	10	Coin operated	No.			
		Other:				
	40		No.			
	80	Other	No.	0.00/	- /A ALLEU CA	400/
3450.12.00	00	Other machines with built-in centrifugal dryer	NO	2.6%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO,	
3450.19.00	00	Other	No	1 90/	MA,MX,P,SG) Free (A,AU,BH,CA,	35%
3450. 19.00	00	Other	NO	1.8%	CL,E,IL,J,JO,	35%
					MA,MX,P,SG)	
3450.20.00		Machines, each of a dry linen capacity exceeding			IVIA,IVIA,F,3G)	
5-50.20.00		10 kg		1%	Free (A,AU,BH,CA,	35%
		10 kg		170	CL,E,IL,J,JO,	00 70
					MA,MX,P,SG)	
	10	Coin operated	No.		,,.,.,.,,	
	90	Other	No.			
3450.90		Parts:				
3450.90.20	00	Tubs and tub assemblies	X	2.6%	Free (A*,AU,BH,	40%
					CA,CL,E,IL,J,JO,	
					MA,MX,P,SG)	
3450.90.40	00	Furniture designed to receive the machines of		,		
		subheadings 8450.11 through 8450.20, inclusive	X	2.6%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO,	
3450.90.60	٨	Other	x	2.6%	MA,MX,P,SG)	400/
3450.90.60	00	Otner	<b>X</b>	2.6%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO,	
					MA,MX,P,SG)	
	1					
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	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3451	TIX	Machinery (other than machines of heading 8450) for	Quantity	General	Special	
		washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing,				
		finishing, coating or impregnating textile yarns, fabrics or				
		made up textile articles and machines for applying the paste to the base fabric or other support used in the				
		manufacture of floor coverings such as linoleum;				
		machines for reeling, unreeling, folding, cutting or pinking				
3451.10.00	00	textile fabrics; parts thereof:  Dry-cleaning machines	No	Free		35%
		Drying machines:				400/
3451.21.00		Each of a dry linen capacity not exceeding 10 kg		3.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	40%
	10 90	Coin operated	No. No			
3451.29.00	50	Other		2.6%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO,	
	10	For drying made up articles	No.		MA,MX,P,SG)	
	90	Other	No.			
8451.30.00	00	Ironing machines and presses (including fusing presses)	No	Free		35%
3451.40.00	00	Washing, bleaching or dyeing machines	No	3.5%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO, MA,MX,P,SG)	
3451.50.00	00	Machines for reeling, unreeling, folding, cutting or			110 (,110 (,1 ,00)	
		pinking textile fabrics	No	Free		40%
3451.80.00	00	Other machinery	No	3.5%	Free (A,AU,BH,CA,	40%
		,			CL,È,IL,J,JO,	
3451.90		Parts:			MA,MX,P,SG)	
3451.90.30	00	Drying chambers for the drying machines of				
		subheading 8451.21 or 8451.29, and other parts	V	0.50/	Fire (A ALL BLI OA	400/
		of drying machines incorporating drying chambers	X	3.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	40%
					MA,MX,P,SG)	
8451.90.60	00	Furniture designed to receive the drying machines of subheading 8451.21 or 8451.29	Y	3 5%	Free (A,AU,BH,CA,	40%
		or subfleading 0401.21 or 0401.29	A	3.370	CL,E,IL,J,JO,	70 /0
2454 00 00		Other		0.50/	MA,MX,P,SG)	400/
3451.90.90		Other		3.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	40%
					MA,MX,P,SG)	
	10	Of machines for washing, dry-cleaning, ironing, pressing or drying made up textile articles or				
			Χ			
		7 71				
	20	Other: Of machines for bleaching, dyeing,				
		washing or cleaning	Х			
	90	Other				
	90	Other	^			

84-52						
	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8452 8452.10.00		Sewing machines, other than book-sewing machines of heading 8440; furniture, bases and covers specially designed for sewing machines; sewing machine needles; parts thereof:  Sewing machines of the household type		Free		30%
8452.21	10 90	Valued not over \$20 each	No. No.	. 100		5670
3452.21.10	00	Specially designed to join footwear soles to uppers	No	Free		Free
8452.21.90 8452.29 8452.29.10		Other	No	Free		30%
		uppers	No			Free
3452.29.90 3452.30.00 3452.40.00	00 00 00	Sewing machine needles  Furniture bases and covers for sewing machines	thousand			30% 42%
		and parts thereof	X	2.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	20%
3452.90.00	10 90	Other parts of sewing machines Of household machines Other	X	Free		30%
3453		Machinery for preparing, tanning or working hides, skins or leather or for making or repairing footwear or other articles of hides, skins or leather, other than sewing machines; parts thereof:				
3453.10.00	00	Machinery for preparing, tanning or working hides, skins or leather	No	Free		35%
8453.20.00 8453.80.00	00 00	Machinery for making or repairing footwear Other machinery	No No	Free Free		Free 35%
8453.90 8453.90.10 8453.90.50	00 00	Parts: Of machinery for making or repairing footwear Other	X	Free Free		Free 35%

Heading/	Stat.		Unit	I	Rates of Duty	84-53
Subheading	Suf-	Article Description	of		1	2
<b>5</b>	fix		Quantity	General	Special	1
8454		Converters, ladles, ingot molds and casting machines, of a kind used in metallurgy or in metal foundries, and parts thereof:				
8454.10.00 8454.20.00	00	Converters		Free Free		35% 35%
	10	Ingot molds: For steel ingots	No. kg			
	60		No. kg			
8454.30.00	80 10	Ladles Casting machines Die casting machines	No.	Free		35%
8454.90.00	90	Other		Free		35%
	30 60 70	Of die casting machines Other Of ingot molds	X			
8455	80	Other  Metal-rolling mills and rolls therefor; parts thereof:				
8455.10.00 8455.21.00	00	Other rolling mills:	-	Free Free		30%
8455.22.00 8455.30.00	00		No	Free Free		30% 30%
	05	Not exceeding 2,268 kg	No. kg			
	15	Exceeding 2,268 kg but not exceeding 6,803.9 kg	No. kg			
	25	Exceeding 6,803.9 kg	No. kg			
	35	Cast steel: Not exceeding 2,268 kg	No. kg			
	45	Exceeding 2,268 kg but not exceeding 6,803.9 kg	No. kg			
	55	Exceeding 6,803.9 kg	No. kg			
	65	Other: Not exceeding 2,268 kg	No. kg			
	75	Exceeding 2,268 kg but not exceeding 6,803.9 kg	No. kg			
	85		No. kg			
8455.90 8455.90.40	00	Other parts: Castings or weldments, individually weighing less than 90 tons, for the machines of heading 8455	kg	Free		30%
8455.90.80	00	Other	kg	Free		30%

84-54						
Heading/	Stat.	Article Description	Unit		Rates of Duty	<u> </u>
Subheading	Suf- fix	Article Description	of Quantity	General	Special	2
456		Machine tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electro-discharge, electro-chemical, electron-beam,			- Special	
3456.10		ionic-beam or plasma arc processes:  Operated by laser or other light or photon beam processes:				
3456.10.10		For working metal		3.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	10 20	Numerically controlled	No. No.		, , , , = = ,	
3456.10.80	00	Other	No	2.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
3456.20 3456.20.10		Operated by ultrasonic processes:  For working metal		3.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	30%
	10 50	Numerically controlled			MA,MX,P,SG)	
3456.20.50	00	Other	No	2.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
3456.30 3456.30.10		Operated by electro-discharge processes:  For working metal		3.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	30%
	20	Traveling wire (wire-cut) type	No.		MA,MX,P,SG)	
3456.30.50	50 70 00		No. No. No	2.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%

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84-5	

Ŭ	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8456 (con.)	IIX	Machine tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electro-discharge, electro-chemical, electron-beam, ionic-beam or plasma arc processes (con.):	Quantity	General	Special	
8456.90 8456.90.30	00	Other: For working metal	No	3.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	30%
8456.90.70	00	Other	No	2.2%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
8457		Machining centers, unit construction machines (single station) and multistation transfer machines, for working metal:				
8457.10.00		Machining centers		4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	05	Used or rebuilt	No.		Wirx, Wirx, 1 ,00)	
	4-	With automatic tool changers:  Vertical-spindle machines with a Y-axis travel of				
	15 25	Not over 660 mm Over 660 mm Horizontal-spindle machines with a Y-axis travel of	No. No.			
	55 60 65	Not over 685 mm	No. No. No.			
	70 75	Other	No.			
8457.20.00	73	Unit construction machines (single station)		3.3%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
8457.30.00	10 90	Numerically controlled Other Multistation transfer machines	No.	3.3%	Free (A,AU,BH,CA,	30%
	10	Numerically controlled			CL,È,IL,J,JO, MA,MX,P,SG)	
	90	Other				

84-56						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3458	IIX	Lathes (including turning centers) for removing metal:	Quantily	General	Special	
J-100		Horizontal lathes:				
3458.11.00		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
					CL,É,IL,J,JO,	
	05	Used or rebuilt	No.		MA,MX,P,SG)	
	03	Other:	INO.			
	10	Multiple spindle	No.			
	00	Other:				
	30	With a power rating of less than 18.65 kW	No.			
		10.05 KVV	INO.			
	50	With a power rating of 18.65 kW or				
		greater but not exceeding 37.3 kW	No.			
	90	With a power rating exceeding				
	90	37.3 kW	No.			
458.19.00		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	10	Llood or robuilt	No		MA,MX,P,SG)	
	10 20	Used or rebuilt	No. No.			
	20	Other:	1.10.			
	30	Engine or toolroom lathes	No.			
		Automatic bar and/or chucking machines:	   Na			
	50 70	Single spindle	No. No.			
	90	Other	No.			
		Other lathes:	110.			
458.91		Numerically controlled:				
458.91.10		Vertical turret lathes		4.2%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO, MA,MX,P,SG)	
	40	Used or rebuilt	No.		WIA,WIA,I ,OO)	
		Other:				
	60	Multiple spindle				
458.91.50	80	Other		4.4%	Free (A,AU,BH,CA,	200/
430.91.30		Otilei		4.470	CL,E,IL,J,JO,	30 %
					MA,MX,P,SG)	
	40	Used or rebuilt	No.			
	50	Other: Multiple spindle	No			
	70	Other	No.			
458.99	, 0	Other:				
3458.99.10		Vertical turret lathes		4.2%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	10	Used or rebuilt	No.		MA,MX,P,SG)	
	50	Other	No.			
458.99.50		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	30	Used or rebuilt	No.		MA,MX,P,SG)	
	60	Other, valued under \$3,025 each	No.			
	90	Other	No.			
				ĺ		
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Subheading	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
459		Machine tools (including way-type unit head machines) for				
		drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centers) of heading 8458:				
3459.10.00	00	Way-type unit head machines	No	3.3%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
		Other drilling machines:				/
459.21.00		Numerically controlled		4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	40	Used or rebuilt				
3459.29.00	80	OtherOther		4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	10 20	Used or rebuilt	No. No.		IVIZ, IVIZ, I ,OO)	
	40	Multiple spindle	No.			
	50 70	Other: Radial	No.			
		directed), turret and deep-hole machines	No.			
3459.31.00	90	Other		4.2%	Free (A,AU,BH,CA,	30%
	05	Used or rebuilt	No.		CL,È,IĹ,J,JO, MA,MX,P,SG)	
		Other: Horizontal spindle:				
	10 40	Table type, excluding planer type Other				
	70		No.			
3459.39.00				4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	10 20	Used or rebuilt	No. No.			
	40	Horizontal spindle	No.			
3459.40.00	50	Other		4 2%	Free (A,AU,BH,CA,	30%
7100.10.00				7.270	CL,E,IL,J,JO, MA,MX,P,SG)	0070
	10 20	Used or rebuilt	No. No.			
	40 50	Numerically controlledOther	No. No.			
		Other: Numerically controlled	No.	Ī	1	

84-58						
	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	<u></u>
3459		Machine tools (including way-type unit head machines) for				
(con.)		drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centers) of heading 8458 (con.):  Milling machines, knee type:				
8459.51.00	40	Numerically controlled		4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
8459.59.00	80	OtherOther	No.	4.2%	Free (A,AU,BH,CA,	30%
	10	Llood or robuilt	No.		CL,É,IL,J,JO, MA,MX,P,SG)	
	20 30	Used or rebuilt	No.			
3459.61.00		Numerically controlled		4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	40 80	Used or rebuilt				
3459.69.00	00	Other		4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	10 20	Used or rebuilt	No. No.		IVIA,IVIA,F,3U)	
	50 70 90	Profile, duplicating or die sinking	No.			
3459.70 3459.70.40	00	Other threading or tapping machines:  Numerically controlled		4.2%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	30%
8459.70.80		Other		4.2%	MA,MX,P,SG) Free (A,AU,BH,CA,CL,E,IL,J,JO,	30%
	40 60	Used or rebuilt	No. No		MA,MX,P,SG)	
	80	Other				

Heading/	Stat.		Unit	ı	Rates of Duty	84
•	Suf-	Article Description	of	<del>                                     </del>	1	2
	fix	****	Quantity	General	Special	1 -
460		Machine tools for deburring, sharpening, grinding, honing,				
		lapping, polishing or otherwise finishing metal or cermets				
		by means of grinding stones, abrasives or polishing				
		products, other than gear cutting, gear grinding or gear				
		finishing machines of heading 8461:				
		Flat-surface grinding machines, in which the positioning in any one axis can be set up to an				
		accuracy of at least 0.01 mm:				
460.11.00		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
100.11.00		runichodny controlled	1	1.170	CL,E,IL,J,JO,	0070
					MA,MX,P,SG)	
	40	Used or rebuilt	No.			
	80	Other	No.			
460.19.00		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	05	Used or rebuilt	No.		MA,MX,P,SG)	
	US	Other:	INO.			
	10	Reciprocating-table type	No.			
	50	Other	No.			
	ا آ	Other grinding machines, in which the positioning in	I <del></del>			
		any one axis can be set up to an accuracy of at least				
		0.01 mm:				
460.21.00		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	40	Llood or robuilt	No		MA,MX,P,SG)	
	40 80	Used or rebuilt				
460.29.00	80	Other		4.4%	Free (A,AU,BH,CA,	30%
700.29.00		Other	1	7.7/0	CL,E,IL,J,JO,	30 70
					MA,MX,P,SG)	
	05	Used or rebuilt	No.		, , , , ,	
		Other:				
	10	External cylindrical, including universal				
	30	Internal cylindrical	No.			
	50	Other	No.			
			]			
			]			
				1		1

84-60						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	1
3460		Machine tools for deburring, sharpening, grinding, honing,				
con.)		lapping, polishing or otherwise finishing metal or cermets				
,		by means of grinding stones, abrasives or polishing				
		products, other than gear cutting, gear grinding or gear				
		finishing machines of heading 8461 (con.):				
		Sharpening (tool or cutter grinding) machines:				
3460.31.00		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
					CL,È,IL,J,JO,	
					MA,MX,P,SG)	
	40	Used or rebuilt	No.		, , , ,	
	80	Other	No.			
3460.39.00		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,È,IL,J,JO,	
					MA,MX,P,SG)	
	10	Used or rebuilt	No.		, , , ,	
	20	Other, valued under \$3,025 each	No.			
	50	Other				
3460.40		Honing or lapping machines:				
3460.40.40		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
				,	CL,E,IL,J,JO,	0070
					MA,MX,P,SG)	
	10	Used or rebuilt	No.		, ,	
	60	Other				
3460.40.80		l a		4.4%	Free (A,AU,BH,CA,	30%
700.70.00		Outer		7.770	CL,E,IL,J,JO,	30 70
					MA,MX,P,SG)	
	10	Used or rebuilt	No.		WIX,WIX,I ,OO)	
	20	Other, valued under \$3,025 each				
	80	Other	No.			
3460.90	00	Other:	INO.			
3460.90.40		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
460.90.40		Numerically controlled		4.4%		30%
					CL,E,IL,J,JO,	
	10	Llood or robuilt	Na		MA,MX,P,SG)	
	10	Used or rebuilt	No.			
100 00 00	60	Other		4.40/	Fire (A ALL BLI CA	000/
3460.90.80		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	40	Handan of 90	NI.		MA,MX,P,SG)	
	10	Used or rebuilt	No.			
	20	Other, valued under \$3,025 each				
	80	Other	No.			
						1
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Heading/ Subheading 3461 3461.20	Stat. Suf- fix	Article Description	Unit of Quantity	General	Rates of Duty  1  Special	2
461.20	fix		Quantity	General	Special	
461.20					opoola.	
		Machine tools for planing, shaping, slotting, broaching,				
		gear cutting, gear grinding or gear finishing, sawing,				
		cutting-off and other machine tools working by removing				
		metal or cermets, not elsewhere specified or included:				
401.20.40	00	Shaping or slotting machines:  Numerically controlled	No	4.4%	Free (A,AU,BH,CA,	30%
	00	Numerically controlled	110	4.4 /0	CL,E,IL,J,JO,	30 /6
					MA,MX,P,SG)	
3461.20.80		Other	<b>.</b>	4.4%	Free (A,AU,BH,CA,	30%
					CL,È,IĹ,J,JO,	
					MA,MX,P,SG)	
	30	Used or rebuilt	No.			
	70	Other, valued under \$3,025 each				
	90	Other	No.			
461.30		Broaching machines:		4.40/	F (A ALL DIL OA	000/
461.30.40		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
		Lland on sale. St	l		MA,MX,P,SG)	
	20 60	Used or rebuilt				
461.30.80		Other	No.	4.4%	Free (A,AU,BH,CA,	20%
401.30.80		Other		4.4%	CL,E,IL,J,JO,	30%
					MA,MX,P,SG)	
	20	Used or rebuilt	No.		IVIA,IVIA,F,SG)	
	40	Other, valued under \$3,025 each	No.		ļ.	
	80	Other	No.		ļ.	
461.40		Gear cutting, gear grinding or gear finishing machines:	1110.			
461.40.10		Gear cutting machines		5.8%	Free (A,AU,BH,CA,	40%
				0.070	CL,E,IL,J,JO,	.070
					MA,MX,P,SG)	
	10	Used or rebuilt	No.			
		Other:				
	20	For bevel gears	No.		ļ.	
		Other:				
	30	Gear hobbers	No.		ļ.	
	40	Gear shapers			ļ.	
	60	Other	No.			
3461.40.50		Gear grinding or finishing machines		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	20	Llood or volvilt	No.		MA,MX,P,SG)	
	20 40	Used or rebuilt	No. No.		ļ.	
	40	Other:	INO.			
	50	For bevel gears	No		ļ.	
	70	Other				
	1, 0	Other	1110.		ļ.	
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84-62				•		
•	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8461	ПX	Machine tools for planing shaping slatting brooshing	Quantity	General	Special	
8461 (con.)		Machine tools for planing, shaping, slotting, broaching, gear cutting, gear grinding or gear finishing, sawing,				
(5511.)		cutting-off and other machine tools working by removing				
		metal or cermets, not elsewhere specified or				
		included (con.):				
3461.50		Sawing or cutting-off machines:		4 40/	- /4 411 511 64	000/
3461.50.40		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO, MA,MX,P,SG)	
	10	Used or rebuilt	No.		IVIA,IVIA,I ,SO)	
	50	Other	No.			
8461.50.80		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	40	l la a d a u na la cillé	NI-		MA,MX,P,SG)	
	10 20	Used or rebuilt	No.			
	90	Other	No.			
3461.90	50	Other:	140.			
8461.90.30		Numerically controlled		4.4%	Free (A,AU,BH,CA,	30%
		<u> </u>			CL,È,IL,J,JO,	
		Diagram II			MA,MX,P,SG)	
	20	Planing machines: Used or rebuilt	No			
	20 40	Other	No. No.			
	<del>-</del> U	Other:	INO.			
	60	Used or rebuilt	No.			
	80	Other	No.			
3461.90.60		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
		Planing machines:			MA,MX,P,SG)	
	10	Used or rebuilt	No.			
	20	Other, valued under \$3,025 each	No.			
	30	Other	No.			
		Other:	l			
	40		No.			
	50 90	Other, valued under \$3,025 each	No. No.			
	90	Other	NO.			
					1	
				1	1	

~	Stat.		Unit		Rates of Duty	84
Subheading	Suf-	Article Description	of	0.5	1	2
100	fix		Quantity	General	Special	
462		Machine tools (including presses) for working metal by forging, hammering or die-stamping; machine tools (including presses) for working metal by bending, folding, straightening, flattening, shearing, punching or notching; presses for working metal or metal carbides, not specified above:				
462.10.00		Forging or die-stamping machines (including presses) and hammers		4.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	10	Used or rebuilt	No.		WIA,WIA,I ,OO)	
	30 35 55	Mechanical transfer presses	No. No. No.			
462.21.00	00	(including presses):  Numerically controlled	No	4.4% <u>1</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO,	30%
462.29.00		Other		4.4% <u>1</u> /	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	10 20	Other, valued under \$3,025 each Other:	No. No.			
	30 40 50	Press brakes	No.			
462.31.00		Numerically controlled		4.4% <u>2</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
3462.39.00	40 80	Used or rebuilt	No.	4.4%	Free (A,AU,BH,CA,	30%
	10 20 50	Used or rebuilt	No.		CL,E,IL,J,JO, MA,MX,P,SG)	

 $<sup>\</sup>underline{1}$ / See subheading 9817.84.01.  $\underline{2}$ / See subheading 9902.84.81.

84-64						
	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Quantity	Conoral	1 Special	2
1460	fix	Machine tools (including grants) for a street of the	Quantity	General	Special	
3462		Machine tools (including presses) for working metal by				
con.)		forging, hammering or die-stamping; machine tools (including presses) for working metal by bending, folding,				
		straightening, flattening, shearing, punching or notching;				
		presses for working metal or metal carbides, not specified				
		above (con.):				
		Punching or notching machines (including presses),				
		including combined punching and shearing machines:				
462.41.00		Numerically controlled		4.4% 1/	Free (A,AU,BH,CA,	30%
		·		_	CL,É,IL,J,JO,	
					MA,MX,P,SG)	
	40	Used or rebuilt				
	80	Other				222/
3462.49.00		Other		. 4.4% <u>1</u> /	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	40	Lland on sale with	NI-		MA,MX,P,SG)	
	10 20	Used or rebuilt	NO.			
	50	Other				
	50	Other:	NO.			
3462.91		Hydraulic presses:				
3462.91.40		Numerically controlled		4 4%	Free (A,AU,BH,CA,	30%
7102.01.10		Traineneally controlled		1.170	CL,E,IL,J,JO,	0070
					MA,MX,P,SG)	
	30	Used or rebuilt	No.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	60	Other				
462.91.80		Other		4.4%	Free (A,AU,BH,CA,	30%
					CL,È,IL,J,JO,	
					MA,MX,P,SG)	
	30	Used or rebuilt				
	90	Other	No.			
3462.99		Other:				
3462.99.40		Numerically controlled		. 4.4%	Free (A,AU,BH,CA,	30%
					CL,E,IL,J,JO,	
	40	Lie e di en sele cilit	NI-		MA,MX,P,SG)	
	10	Used or rebuilt				
3462.99.80	30	Other		4.4%	Free (A,AU,BH,CA,	200/
0402.99.00		Otilei		4.470	CL,E,IL,J,JO,	30 %
					MA,MX,P,SG)	
	10	Used or rebuilt	No.		10174,10174,11 ,000)	
	20	Other, valued under \$3,025 each				
		Other:				
	45	Mechanical presses	No.			
	60	Other				
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	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Overtity	Company	1	2
100	fix	Other work in the late of the state of the s	Quantity	General	Special	
463		Other machine tools for working metal or cermets, without removing material:				
463.10.00		Draw-benches for bars, tubes, profiles, wire or the like		4.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	40 60 80	Used or rebuilt Other, valued under \$3,025 eachOther				
463.20.00		Thread rolling machines		4.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	40 60 80	Used or rebuilt	No. No.			
463.30.00		Machines for working wire		4.4% <u>1</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	40 60 80	Used or rebuilt	No.			
463.90.00		Other		4.4%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
	40 60 80	Used or rebuilt				
464		Machine tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold working glass:				
464.10.01 464.20.01	00	Sawing machines		Free 2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35% 35%
	10 20	Glass-working machines	No. No.		WA,WA,F,SG)	
464.90.01		Other		2%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	10 20	Glass-working machines				
					Ī	

<sup>&</sup>lt;u>1</u>/ See subheading 9902.84.83.

84-66						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3465		Machine tools (including machines for nailing, stapling,				
		glueing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials:				
3465.10.00		Machines which can carry out different types of				
705.10.00		machining operations without tool change between				
		such operations	<b> </b>	. 2.4%	Free (A,AU,BH,CA,	35%
					CL,E,IL,J,JO,	
					MA,MX,P,SG)	
		Woodworking machines:				
	0.5	Used or rebuilt:	l			
	05 15	Tenoners				
	15	Other:	No.			
		Tenoners:				
	25		No.			
	35	Other				
	45	Other				
	50	Other	No.			
		Other:		00/ 4/	- /A ALL BLI GA	0.50/
3465.91.00		Sawing machines		. 3% <u>1</u> /	Free (A,AU,BH,CA,	35%
					CL,E,IL,J,JO,	
		Woodworking machines:		1	MA,MX,P,SG)	
		Used or rebuilt:				
	02		No.			
	06	Panel saws	No.			
	12	Band saws	No.			
	16	Cross-cut and optimizing saws				
	22	Other	No.			
	07	Other:				
	27	Sawmill machines	No.			
	32	Radial arm saws	No			
	36	Tilting arbor table saws	No.			
	41	Rip saws	No.			
	47	Miter saws				
	49	Scroll saws				
		Panel saws:				
	53	Valued under \$3,000 each				
	58	Other	No.			
	64	Band saws:	No			
	68	Valued under \$1,000 each Other				
	74	Cross-cut and optimizing saws				
	78	Other				
	90	Other	No.			
				1		
				1		
				1		
				1		
				1		
				1		
				1		
				1		
	l	l	I	I	I	l

<sup>&</sup>lt;u>1</u>/ See subheadings 9902.22.55 and 9902.84.91.

Article Description  le tools (including machines for nailing, stapling, or otherwise assembling) for working wood, cork, hard rubber, hard plastics or similar hard materials her (con.)  Planing, milling or molding (by cutting) machines.  For woodworking:  Used or rebuilt:  Moulders  Routers  Other:  Dovetailing machines:  Valued under \$3,000 each  Other  Moulders  Planers:  Valued under \$1,000 each  Other  Jointers:  Valued under \$1,000 each  Other  Routers:  Valued under \$3,000 each  Other  Routers:  Valued under \$3,000 each  Other  Routers:  Valued under \$3,000 each  Other:  Routers:  Valued under \$3,000 each  Other:  Routers:  Valued under \$3,000 each  Other:  Numerically controlled	No No No No No No	General	Rates of Duty  1  Special  Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
re tools (including machines for nailing, stapling, or otherwise assembling) for working wood, cork, hard rubber, hard plastics or similar hard materials her (con.)  Planing, milling or molding (by cutting) machines.  For woodworking: Used or rebuilt: Moulders Routers Other:  Dovetailing machines: Valued under \$3,000 each Other: Moulders Planers: Valued under \$1,000 each Other Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other Jointers: Valued under \$3,000 each Other Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each	No No No No No No No		Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
ror otherwise assembling) for working wood, cork, hard rubber, hard plastics or similar hard materials her (con.)  Planing, milling or molding (by cutting) machines.  For woodworking: Used or rebuilt: Moulders Routers Other: Other: Dovetailing machines: Valued under \$3,000 each Other Moulders Planers: Valued under \$1,000 each Other: Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each Other: Routers: Valued under \$3,000 each Other: Routers:	No No No No No No	. 3%	CL,É,IL,J,JO,	35%
nard rubber, hard plastics or similar hard materials her (con.) Planing, milling or molding (by cutting) machines .  For woodworking:     Used or rebuilt:         Moulders	No No No No No No	. 3%	CL,É,IL,J,JO,	35%
Planing, milling or molding (by cutting) machines .  For woodworking: Used or rebuilt: Moulders Routers Other: Other: Dovetailing machines: Valued under \$3,000 each Other Moulders Planers: Valued under \$1,000 each Other Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other Numerically controlled	No No No No No No	. 3%	CL,É,IL,J,JO,	35%
For woodworking: Used or rebuilt: Moulders Routers Other: Other: Dovetailing machines: Valued under \$3,000 each Other Moulders Planers: Valued under \$1,000 each Other Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other Routers: Valued under \$3,000 each Other Routers: Valued under \$3,000 each Other: Numerically controlled	No No No No No No	. 3%	CL,É,IL,J,JO,	35%
Used or rebuilt:  Moulders Routers Other Other:  Dovetailing machines:  Valued under \$3,000 each Other  Moulders Planers: Valued under \$1,000 each Other Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other Routers: Valued under \$3,000 each Other: Numerically controlled	No No No No No No			
Routers Other: Other: Dovetailing machines: Valued under \$3,000 each Other: Moulders Planers: Valued under \$1,000 each Other: Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other: Numerically controlled	No No No No No No			
Other: Other: Dovetailing machines: Valued under \$3,000 each Other: Moulders Planers: Valued under \$1,000 each Other: Jointers: Valued under \$1,000 each Other: Routers: Valued under \$3,000 each Other: Numerically controlled	No No No No No No No			
Valued under \$3,000 each Other  Moulders Planers: Valued under \$1,000 each Other  Jointers: Valued under \$1,000 each Other  Routers: Valued under \$3,000 each Other: Numerically controlled	No. No. No. No. No.			
Other  Moulders  Planers:  Valued under \$1,000 each Other  Jointers:  Valued under \$1,000 each Other  Routers:  Valued under \$3,000 each Other:  Numerically controlled	No. No. No. No. No.			
Moulders Planers: Valued under \$1,000 each Other Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other: Numerically controlled	No. No. No. No. No.			
Planers: Valued under \$1,000 each Other Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other: Numerically controlled	No. No. No. No.			
Other Jointers: Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other: Numerically controlled	No. No. No.			
Valued under \$1,000 each Other Routers: Valued under \$3,000 each Other: Numerically controlled	No.			
Other	No.			
Valued under \$3,000 each Other:  Numerically controlled	No.			
Numerically controlled				
Other	No.			
Observation of the control of the co				
Shapers and profilers:  Valued under \$1,000 each	No			
Valued under \$1,000 each Other				
Other	No.			
Other				
Grinding, sanding or polishing machines		. 3%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
For woodworking:			IVIA,IVIA,F,3G)	
Used or rebuilt:				
	No.			
Other	No.			
Other: Edge belt sanders:				
Valued under \$1,000 each	No.			
Valued \$1,000 or over but under	No			
φο,υυυ eacn	INO.			
Other	No.			
Belt sanders, for a belt width 60 cm	1			
or wider	No.			
	For woodworking: Used or rebuilt: Belt sanders, for a belt width 60 cm or wider  Other: Other: Edge belt sanders: Valued under \$1,000 each Valued \$1,000 or over but under \$3,000 each Other Belt sanders, for a belt width 60 cm or wider Other	For woodworking: Used or rebuilt: Belt sanders, for a belt width 60 cm or wider	For woodworking: Used or rebuilt: Belt sanders, for a belt width 60 cm or wider	For woodworking: Used or rebuilt: Belt sanders, for a belt width 60 cm or wider

84-68						
Heading/	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of		1	2
Ĭ.	fix	<u> </u>	Quantity	General	Special	1
8465		Machine tools (including machines for nailing, stapling,	-			
(con.)		glueing or otherwise assembling) for working wood, cork,	ĺ			
(6611.)		bone, hard rubber, hard plastics or similar hard materials				
		(con.):				
		Other (con.):				
8465.94.00				2.9%	Free (A,AU,BH,CA,	250/
8405.94.00		Bending or assembling machines		2.9%		35%
					CL,E,IL,J,JO,	
		Farmadoudian			MA,MX,P,SG)	
		For woodworking:	NI.			
	05	Used or rebuilt	No.			
	۱,,	Other:	N1 -			
	15		No.			
	25	Edgebanding machines				
	35	Laminating machines	No.			
		Presses:				
	45	Cold	No.			
	55	Other	No.			
	65	Other	No.			
	90	Other				
8465.95.00		Drilling or mortising machines	<b>.</b>	3%	Free (A,AU,BH,CA,	35%
		]			CL,È,IĹ,J,ĴO,	
					MA,MX,P,SG)	
		For woodworking:			, , , ,	
		Used or rebuilt:	ĺ			
	05	Numerically controlled boring				
	۱ٽ	machines	No.			
		THOUSE THE STATE OF THE STATE O	1110.			
	10	Other	No.			
	10	Other:	110.			
	20	Boring machines:	No			
	20	, ,	No.			
		Other:	١			
	35	Valued under \$3,000 each				
	45	Other	No.			
		Other drilling machines:				
	55		No.			
	60	Other	No.			
	65	Other	No.			
	90	Other	No.			
8465.96.00		Splitting, slicing or paring machines		2.4%	Free (A,AU,BH,CA,	35%
					CL,È,IL,J,JO,	
			ĺ		MA,MX,P,SG)	
		For woodworking:			' ' ' ' ' '	
	15	Log splitters	No.			
	25	Chippers				
	30	Hogs	No.			
	40	Other	No.			
	50	Other	No.			
3465.99.01	١	Other	-	2.4%	Free (A,AU,BH,CA,	35%
0403.99.01		Ouiei	1	2.7/0	CL,E,IL,J,JO,	JJ 70
					MA,MX,P,SG)	
		Woodworking machines:			IVIA,IVIA,F,SG)	
	10	Woodworking machines:	No			
	10	Debarkers	No.			
	20	Lathes	No.			
	30	Other	No.			
	50	Other	No.			
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XV	
84-60	

Heading/	Stat.		Unit		Rates of Duty	84
	Suf-		of		1	2
	fix		Quantity	General	Special	
466		Parts and accessories suitable for use solely or principally				
	1	with the machines of headings 8456 to 8465, including				
	1	work or tool holders, self-opening dieheads, dividing heads				
	1	and other special attachments for machine tools; tool				
466.10.01	1	holders for any type of tool for working in the hand:  Tool holders and self-opening dieheads:		3.9%	Free /A ALL DLL CA	450/
400.10.01	1	rooi noiders and seir-opening dieneads		3.9%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	43%
	1				MA,MX,P,SG)	
	10	Tool holders for forming-type or cutting-type			IVI/X,IVI/X,I ,OO)	
		dies	Х			
	1					
	30	Holders for replaceable cutting or drill inserts				
	75	Other	X			
	1					
3466.20	1	Work holders:		4 00/	- /4 411 511 64	450/
466.20.10	1	For machine tools used in cutting gears		4.6%	Free (A,AU,BH,CA,	45%
	1				CL,E,IL,J,JO,	
	10	Jigs and fixtures	~		MA,MX,P,SG)	
	90	Other	1\$			
	90	Otilei	1^			
3466.20.80	1	Other		3.7%	Free (A,AU,BH,CA,	35%
7100.20.00	1	Other	1	0.7 70	CL,E,IL,J,JO,	0070
	1				MA,MX,P,SG)	
	1	For metalworking machine tools:			, ,, ,, ,, ,,	
	20	Jigs and fixtures	Х			
	35	Other				
	1	Other work holders:				
	40	Jigs and fixtures	X			
	65	Other	X			
3466.30	1	Dividing heads and other special attachments for				
		machine tools:			_	/
3466.30.10	00	Dividing heads	X	3.7%	Free (A,AU,BH,CA,	35%
	1				CL,E,IL,J,JO,	
	1	Other are sind attack as a star			MA,MX,P,SG)	
1466 20 60	1	Other special attachments:		2.9%	Free /A ALL DLL CA	250/
3466.30.60	1	Machines:		2.9%	Free (A,AU,BH,CA,	35%
	1				CL,E,IL,J,JO, MA,MX,P,SG)	
	40	For woodworking machines	×		IVIA,IVIA,F,SG)	
	85	Other	Îx			
3466.30.80	00	Other	x	8%	Free (A,AU,BH,CA,	45%
			1		CL,E,IL,J,JO,	10,0
	1	·			MA,MX,P,SG)	
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84-70				_		
•	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	Ouantity	Conorel	1 Special	2
0.466	fix	Dorto and appearing quitable for the colety or winding!	Quantity	General	Special	
3466 (con.)		Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for machine tools; tool holders for any type of tool for working in the hand (con.):  Other:				
8466.91 8466.91.10	00	For machines of heading 8464: Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery	kg	Free		10%
3466.91.50 3466.92	00	Other	x	Free		35%
3466.92.10	00	Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery	kg	Free		10%
3466.92.50		Other		4.7% <u>1</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
3466.93	10 90	For machines of headings 8456 to 8461: Bed, base, table, head, tail, saddle, cradle, cross slide, column, arm, saw arm, wheelhead, tailstock, headstock, ram, frame, work-arbor support, and C-frame castings, weldments or	X X		MA,MX,P,SG)	
3466.93.15		fabrications:  Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing		Free		10%
	30	machinery		Free		10%
3466.93.30	60 00	Other	kg			
3400.93.30	00	cutting gears	X	5.8%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%
3466.93.53		Other		4.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
	40	Of metalworking machine tools for grinding or finishing gears	x		MA,MX,P,SG)	
	85	Other	X			

Heading/	Stat.		Unit		Rates of Duty	84
	Suf-	Article Description	of		1	2
-	fix	·	Quantity	General	Special	
3466 con.)		Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for machine tools; tool holders for any type of tool for working in the hand (con.):				
3466.93 con.)		Other (con.): For machines of headings 8456 to 8461 (con.):				
3466.93.60	30	Other: Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery For metalworking machine tools for cutting, grinding or finishing gears	kg	Free		10%
	60	Other	kg			
3466.93.75	00	Of metalworking machine tools for cutting gears	×	5.8%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	45%
466.93.95		Other		4.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	40	Of metalworking machine tools for grinding or finishing gears	х		IVIA,IVIA,F,3G)	
	85	Other	X			

84-72						
	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3466 (con.)		Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for machine tools; tool holders for any type of tool for working in the hand (con.):				
3466.94		Other (con.): For machines of heading 8462 or 8463: Cast-iron parts not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery:				
3466.94.20	00	Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or	kg	Free		10%
3466.94.40	00	Other	kg	Free		10%
3466.94.65		Other:  Bed, base, table, column, cradle, frame, bolster, crown, slide, rod, tailstock and headstock castings, weldments or fabrications:		4.7%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	40	Parts of mechanical transfer presses			WA,WA,F,3G)	
3466.94.85	85	Other:	X 	4.7% <u>1</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	40	Parts of mechanical transfer presses	Х		, ,. ,. ,. ,. ,.	
	85	Other	Х			

<sup>&</sup>lt;u>1</u>/ See subheadings 9902.84.81 and 9902.84.83.

•	Stat.	,	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
8467		Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or nonelectric motor, and parts thereof:				
3467.11		Pneumatic: Rotary type (including combined rotary-percussion):				
3467.11.10		Suitable for metal working		4.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	30%
3467.11.50	40 80	,	No. No.	Free	IVIA,IVIX,I ,OO)	27.5%
5407.11.00	10 20	Rock drills	No.	1166		21.570
107.40	40 90	Other	No. No.			
3467.19 3467.19.10	00	Other: Suitable for metal working	No	4.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	30%
8467.19.50	30	Other Pneumatic, hand-held force feed lubricating equipment	 No.	Free	MA,MX,P,SG)	27.5%
3467.21.00	60 90	Designed for use in construction or mining Other	No.	1.7%	Free (A,AU,BH,CA,	35%
	10	Rotary: Battery powered	No.		CL,È,IL,J,JO, MA,MX,P,SG)	
	30	Other: With a chuck capacity of less than 12.7 mm	No.			
	50 70	Other				
3467.22.00	20 40	Saws Circular Chain	No. No.	Free		35%
	70 90	Reciprocating and jig	No. No.			
3467.29.00	10	Other	No.	Free		35%
	15		No.			
	25 35 40	Belt sanders  Other  Screwdrivers, nut-runners and impact wrenches	No. No.			
	55 65 70 80	Routers Planers Grass and weed trimmers/edgers Electropneumatic rotary and percussion	No. No. No.			
	85 90	hammers	No. No. No.			

84-74						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8467		Tools for working in the hand, pneumatic, hydraulic or				
(con.)		with self-contained electric or nonelectric motor, and parts thereof (con.):				
		Other tools:				
8467.81.00	00	Chain saws	No	Free		27.5%
8467.89		Other:				
8467.89.10	00	Suitable for metal working	No	Free		30%
8467.89.50				Free		27.5%
	30	Gasoline powered grass and weed	N1 -			
		trimmers and brushcutters	No.			
	60	Other, designed for use in agriculture or				
	00	horticulture	No.			
	90	Other	No.			
0407.04.04	00	Parts:	V	<b>-</b>		07.50/
8467.91.01	00	Of chain saws		Free		27.5%
8467.92.00	50	Of pneumatic tools		Free		27.5%
	55		Х			
		• •				
	90	Other		l_		
8467.99.01	22	Other		Free		27.5%
	30	Of gasoline powered grass and weed trimmers and brushcutters	~			
		uninners and brushcullers	^			
	90	Other	X			
8468		Machinery and apparatus for soldering, brazing or				
		welding, whether or not capable of cutting, other				
		than those of heading 8515; gas-operated surface tempering machines and appliances; parts thereof:				
8468.10.00	nn	Hand-held blow torches	No	2.9%	Free (A,AU,BH,CA,	45%
0400.10.00	00	Trand-field blow torches	140	2.370	CL,E,IL,J,JO,	75 /0
					MA,MX,P,SG)	
8468.20		Other gas-operated machinery and apparatus:				
8468.20.10	00	Hand-directed or -controlled	No	3.9%	Free (A,AU,BH,CA,	45%
					CL,E,IL,J,JO,	
8468.20.50	nn	Other	No	Free	MA,MX,P,SG)	27.5%
8468.80	00	Other machinery and apparatus:	140	1166		27.570
8468.80.10	00	Hand-directed or -controlled	No	2.9%	Free (A,AU,BH,CA,	45%
					CL,È,IĹ,J,ĴO,	
					MA,MX,P,SG)	
8468.80.50	00	Other	No	Free		27.5%
8468.90 8468.90.10	nn	Parts: Of hand-directed or -controlled				
0 <del>1</del> 00.80.10	UU	machinery and apparatus	X	2.9%	Free (A,AU,BH,CA,	45%
		madiniory and apparated	/	,	CL,E,IL,J,JO,	1.570
					MA,MX,P,SG)	
8468.90.50	00	Other	X	Free		27.5%
					1	
					1	
	•	ı	1	ı	•	I

Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
460 00 00	fix	Typouritors other than minters of heading 0440.	Quantity	General	Special	
3469.00.00	00	Typewriters other than printers of heading 8443; word processing machines	No	Free		35%
					1	3370
470		Calculating machines and pocket-size data recording,				
		reproducing and displaying machines with calculating				
		functions; accounting machines, postage-franking machines, ticket-issuing machines and similar machines,				
		incorporating a calculating device; cash registers:				
3470.10.00		Electronic calculators capable of operation without an				
		external source of electric power and pocket-size data				
		recording, reproducing and displaying machines with				250/
	40	calculating functions	No.	Free		35%
	60	Other	No.			
		Other electronic calculating machines:				
3470.21.00	00	Incorporating a printing device	No	Free		35%
3470.29.00	00	Other	No	Free		35%
3470.30.00 3470.50.00	00	Other calculating machines	No	Free Free		35% 35%
547 0.30.00	20	Point-of-sale terminals	No.	1166		33 /6
	60	Other	No.			
3470.90.01		Other		Free	1	35%
	10	Postage-franking machines				
	90	Other	No.			
					1	
					1	
					1	
					1	
					1	
					1	
					1	
					1	
					1	
					1	
					1	

84-76						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of	1		2
	fix		Quantity	General	Special	
8471		Automatic data processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, not elsewhere specified or included:				
8471.30.01	00	Portable automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display	No	Free		35%
8471.41.01	10	Other automatic data processing machines:  Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined		Free		35%
	50	Other	No.			
	00	Other, entered in the form of systems	No	Free		35%
8471.50.01	10 50	Processing units other than those of subheading 8471.41 or 8471.49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units, output units  With cathode-ray tube (CRT)  Other	 No. No.	Free		35%
8471.60		Input or output units, whether or not containing storage units in the same housing:				
8471.60.10	10 50	Combined input/output units	No. No.	Free		35%
8471.60.20 8471.60.70		Other: Keyboards		Free		35%
8471.60.80	00	units thereof	No	Free		35%
		recognition devices				35%
8471.60.90	30	Other		Free		35%
	50	Other	No.			

٠ .	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Quantity	Constal	Special	2
471	fix	Automatic data processing machines and units thereof:	Quantity	General	Special	
con.)		Automatic data processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, not elsewhere specified or included (con.):				
471.70		Storage units:  Magnetic disk drive units:  For a disk of a diameter exceeding 21 cm:				
471.70.10	00	Without read-write unit assembled therein;	No	Free		35%
471.70.20	00	Units for physical incorporation into automatic data processing machines or units thereof	No	Free		35%
3471.70.30	00	Other	No	Free		35%
3471.70.40	35	Not assembled in cabinets, and without attached external power supply Flexible (floppy) magnetic disk drive		Free		35%
	65 95	Hard magnetic disk drive units				
3471.70.50	35	0.1	No.	Free		35%
	65 95	Hard magnetic disk drive units Other	No. No.			
3471.70.60	00	Other storage units:  Not assembled in cabinets for placing on a table, desk, wall, floor or similar place	No	Free		35%
3471.70.90 3471.80	00	OtherOther units of automatic data processing machines:	No	Free		35%
3471.80.10		Control or adapter units	No	Free		35%
471.80.40	00	Units suitable for physical incorporation into automatic data processing machines	No	Free		35%
	00 00	Other	No No	Free Free		35% 35%

84-78						
	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
3472		Other office machines (for example, hectograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin-sorting machines, coin-counting or wrapping machines, pencil-sharpening machines, perforating or stapling machines):				
3472.10.00	00	Duplicating machines	No	1.6%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	25%
3472.30.00	00	Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or canceling postage stamps	No	1.8%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
3472.90 3472.90.05	00	Other: Addressing machines and address plate embossing machines	No	2.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	25%
3472.90.10 3472.90.40		Automatic teller machines	No No		Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35% 40%
3472.90.60	00	Numbering, dating and check-writing machines	No	Free	101/13,101/13,11 ,00)	25%
3472.90.90		Other		1.8%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	40 60 80	Desktop note counters and note scanners Other currency and coin handling machines Other	No. No. No.			

Subheading   Suf.   Article Description   Output   Clear   Special   Speci	U	Stat.		Unit		Rates of Duty	
### Parts and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of headings 8469 to 8472:  ### Parts and accessories of the machines of heading 8469:  ### Parts and accessories of the machines of heading 8473.00 00  ### Other	Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
### 13.10   machines of headings 8469 to 8472:	8473	IIX		Quantity	Concrai	Opedial	
## 8473.10.20   00   Printed circuit assemblies   X   Free   45%   CLE.IL.J.J.O. MA.MX.P.SG)   ## 8473.10.60   00   Other   X   2%   Free (A.AU.BH.CA. 45%   CLE.IL.J.J.O. MA.MX.P.SG)   ## 8473.10.90   00   Other   X   2%   Free (A.AU.BH.CA. 45%   CLE.IL.J.J.O. MA.MX.P.SG)   ## 8473.21.00   00   Other   X   2%   Free (A.AU.BH.CA. 45%   CLE.IL.J.J.O. MA.MX.P.SG)   ## 8473.21.00   00   Other   X   2%   Free (A.AU.BH.CA. 45%   CLE.IL.J.J.O. MA.MX.P.SG)   ## 8473.21.00   00   Other   X   Free   35%   ## 8473.30   Other   X   Free   35%   ## 8473.30   Other   X   Free   35%   ## 8473.30   Other   X   Free   35%   ## 8473.30.21   Other   X   Free   35%   ## 8473.30.22   Other   X   Free   35%   ## 8473.30.22   Other   X   Free   35%   ## 8473.40.85   Other   X   Free   35%   ## 8473.40.85   Other   X   Free   35%   ## 8473.50.30   Other   Free   35%	3473.10		machines of headings 8469 to 8472: Parts and accessories of the machines of heading 8469:				
Add   Add	9472 10 20	00	Of word processing machines:	V	Fron		450/
MAMM.P.SG    Free (A.AU.BH.CA, 45%   C.E.E.IL.J.JO, MAMM.P.SG)   Free (A.AU.BH.CA, 25%   C.E.E.IL.J.JO, MAMM.P.SG)   Fre			Other	X			
Other   X   2%   Free (A,AU,BH,CA, 45% CLE,IL,J,JO, MA,MX,P,SG)	3473.10.60	00	Other	x	2%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
Parts and accessories of the machines of heading 8470:  Of the electronic calculating machines of subheading 8470:  Parts and accessories of the machines of heading 8471:  Not incorporating a cathode ray tube:  Printed circuit assemblies  Memory modules suitable for use solely or principally with machines of heading 8471  No.  Other  Parts and accessories, including face plates and lock latches, of printed circuit assemblies  X Free  35%  Other  X Free  35%  Other  X Free  35%  Other  X Free  35%  Other  X Free  35%  Other  X Free  35%  Other  X Free  35%  Other  X Free  35%  Other  Parts and accessories of the machines of heading 8472:  Printed circuit assemblies for automatic teller machines of subheading 8472:  Printed circuit assemblies for use with machines of two or more of the headings 8469 to 8472:  Printed circuit assemblies  X Free  35%  Other  X Free  35%  Free  35%	3473.10.90	00	Other	x	2%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
Subheading 8470.10, 8470.21 or 8470.29			heading 8470:			, , , ,	
Parts and accessories of the machines of heading 8471:   Not incorporating a cathode ray tube:   Printed circuit assemblies   No.	3473.21.00	00	Of the electronic calculating machines of subheading 8470.10, 8470.21 or 8470.29	x	Free		35%
Not incorporating a cathode ray tube:   Printed circuit assemblies   Not machines of heading 8471		00	Parts and accessories of the machines of	x	Free		35%
Parts and accessories, including face plates and lock latches, of printed circuit assemblies	8473.30.11	40	Not incorporating a cathode ray tube: Printed circuit assemblies		Free		35%
3473.30.51       00       Other       X       Free       35%         3473.30.91       00       Other       X       Free       35%         3473.40       Parts and accessories of the machines of heading 8472:	3473.30.20		Parts and accessories, including face plates		Free		35%
B473.30.91 00 Other	8473 30 51	00	•				
Parts and accessories of the machines of heading 8472: Printed circuit assemblies for automatic teller machines of subheading 8472.90.10  Other X Free  35%  Other X Free  Parts and accessories equally suitable for use with machines of two or more of the headings 8469 to 8473.50.30  Parts and accessories equally suitable for use with machines of two or more of the headings 8469 to Parts and accessories, including face plates and lock latches, of printed circuit assemblies X Free  35%  Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)  The company of the machines of two or more of the headings 8469 to 8472:  Printed circuit assemblies X Free Free 35%  The company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the machines of two or automatic teller X Free The company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the machines of two or automatic teller X Free The company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the company of the machines of two or more of the headings 8469 to 8473.50.60  The company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the company of the com							
heading 8472: Printed circuit assemblies for automatic teller machines of subheading 8472.90.10  Other  Other  Parts and accessories equally suitable for use with machines of two or more of the headings 8469 to 8472: Printed circuit assemblies  Parts and accessories, including face plates and lock latches, of printed circuit assemblies  X  Free  At 1.9%  Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)  Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)  The comparison of two or more of the headings 8469 to 8472: Printed circuit assemblies  X  Free  35%  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings 8469 to 8473.50.60  The comparison of two or more of the headings							
Other		00	heading 8472: Printed circuit assemblies for automatic teller	Y	Free		35%
Parts and accessories equally suitable for use with machines of two or more of the headings 8469 to 8472: Printed circuit assemblies	8473.40.85	00	-			Free (A,AU,BH,CA,	
8473.50.30 00 Printed circuit assemblies	8473.50					CL,E,IL,J,JO,	
Parts and accessories, including face plates and lock latches, of printed circuit assemblies Free 35%	2472 50 20	00	8472:	v	Г		250/
			Parts and accessories, including face plates and				
53%	2473 50 00	00					
	147 J.JU.9U	UU	Otilei	^	FIEE		J370

84-80	01.		1 11.22	1	D.1 (D.)	
•	Stat.	Author Developmen	Unit		Rates of Duty	
	Suf- fix	Article Description	of Quantity	General	1 Special	2
8474		Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or molding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry molds of sand; parts thereof:				
8474.10.00	10	Sorting, screening, separating or washing machines Portable	No.	Free		35%
8474.20.00	90 10 50 70	Stationary Crushing or grinding machines Portable Stationary: Crushing Other	No.	Free		35%
8474.31.00 8474.32.00		Mixing or kneading machines: Concrete or mortar mixers Machines for mixing mineral substances with		Free		35%
0.47.4.00.00	00	bitumen				35%
8474.39.00 8474.80.00	10 15 20	Machines for forming foundry molds of sand	No. No. No.			35% 35%
8474.90.00	10	Other	х	Free		35%
	20 50 90	Of crushing or grinding machines Of mixing or kneading machines Other Other	Χ			

Stat.		Unit		Rates of Duty	84-
Suf-	Article Description	of	,	1	2
fix	Marking	Quantity	General	Special	
00	tubes or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware; parts thereof:  Machines for assembling electric or electronic lamps,	No	Free		35%
00	Machines for manufacturing or hot working glass or glassware:  Machines for making optical fibers and preforms thereof	No	Free		35%
00	Other	No	Free		35%
00	Parts: Of machines for assembling electric or electronic				35%
00					35%
00	stamp, cigarette, food or beverage machines), including money-changing machines; parts thereof: Automatic beverage-vending machines: Incorporating heating or refrigerating devices Other	No No			35% 35%
00	Other machines:	No	Fron		250/
00					35% 35%
00		X	Free		35%
	00 00 00 00 00 00 00 00 00 00 00 00 00	Suffix  Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware; parts thereof:  Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes  Machines for manufacturing or hot working glass or glassware:  Machines for making optical fibers and preforms thereof  Other  Parts:  Of machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes  Other  Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines; parts thereof:  Automatic beverage-vending machines:  Incorporating heating or refrigerating devices  Other machines:  Incorporating heating or refrigerating devices  Other	Suffix	Suffix	Suffix  Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware; parts thereof:  Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes  Machines for manufacturing or hot working glass or glassware:  Machines for manufacturing or hot working glass or glassware:  Machines for making optical fibers and preforms thereof.  No. Free  Other Parts:  Of machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes.  X Free  Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines; parts thereof:  Automatic beverage-vending machines:  Incorporating heating or refrigerating devices.  Other Sorting Tree  No. Free  No. Free  No. Free  No. Free  No. Free  No. Free

84-82			-			
	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	Special	2
8477		Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter; parts thereof:				
3477.10 3477.10.30 3477.10.40	00 00	Injection-molding machines: For manufacturing shoes For use in the manufacture of optical media	No No	Free Free		Free 35%
3477.10.90		Other		3.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	15	Of a type used for processing rubber or other thermosetting materials	No.			
	30	Of a type used for processing thermoplastics: With a clamp force less than 50 tons	No.			
	40	With a clamp force equal to or greater than 50 tons and less than 300 tons	No.			
	50	With a clamp force equal to or greater than 300 tons and less than 750 tons	No.			
8477.20.00	60	With a clamp force equal to or greater than 750 tons	No.	3.1% <u>1</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	05 15	Of a type used for processing rubber or other thermosetting materials: Single screw	No. No.			
	35 45	Of a type used for processing thermoplastics: Single screw, with a screw size: Less than 6.4 cm 6.4 cm or greater				
8477.30.00	55 65 00	Other, including multiple screw:  With a screw size less than 6.4 cm	No. No.	3.1%	Eroo (A ALI BH CA	250/
8477.40.01		Blow-molding machines  Vacuum-molding machines and other thermoforming	NO	3.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
5477.40.01	00	machines	No	3.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%

	Stat.		Unit		Rates of Duty	84-8
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3477 (con.)	IIX	Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter;	Quantity	General	Эресіаі	
3477.51.00		parts thereof (con.):  Other machinery for molding or otherwise forming:  For molding or retreading pneumatic tires or for molding or otherwise forming inner tubes		3.1% <u>1</u> /	Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	35%
	10 90	For molding or retreading pneumatic tires Other	No. No.		WA,WA,I ,OO)	
3477.59.01	00	Other	No	3.1% <u>2</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
3477.80.00	00	Other machinery	No	3.1%	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
3477.90 3477.90.25		Parts: Base, bed, platen, clamp cylinder, ram, and injection castings, weldments and fabrications:		3.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	40	Of machines of subheading 8477.10.30, 8477.10.40 or 8477.10.90	X		, ,. ,. ,. ,. ,.	
	80	Other	Х			
3477.90.45	01	Barrel screws	X	3.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
3477.90.65	00	Hydraulic assemblies incorporating more than one of the following: manifold; valves; pump; oil cooler	X	3.1%	Free (A,AU,BH,CA,CL,E,IL,J,JO,	35%
3477.90.85		Other		3.1% <u>3</u> /	MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
	01 20 30 40 95	Of injection-molding machines Of extruders Of blow-molding machines Of machines for forming pneumatic tires Other parts	X X		100 (1002)	

<sup>1/</sup> See subheadings 9902.84.88 and 9902.84.89. 2/ See subheading 9902.84.10. 3/ See subheadings 9902.84.10, 9902.84.85, 9902.84.88, and 9902.84.89.

•	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
478	IIA	Machinery for preparing or making up tobacco, not	Quantity	General	Special	
		specified or included elsewhere in this chapter;				
478.10.00		parts thereof: Machinery		Free		35%
70.10.00	10	Industrial cigarette-making machines	No.	1166		33 /0
470.00.00	90	Other	No.	_		050/
3478.90.00	10	Parts	 X	Free		35%
	90	Other	x			
3479		Machines and machanical applications having individual				
9413		Machines and mechanical appliances having individual functions, not specified or included elsewhere in this				
2470 40 00		chapter; parts thereof:		F		050/
3479.10.00		Machinery for public works, building or the like		Free		35%
		spreaders:				
	40 60	For concrete	No. No.			
	80	Other	No.			
479.20.00	00	Machinery for the extraction or preparation of animal	<b>.</b>	_		0.50/
		or fixed vegetable fats or oils	No	Free		35%
3479.30.00	00	Presses for the manufacture of particle board or fiber				
		building board of wood or other ligneous materials and other machinery for treating wood or cork	No	Free		35%
		and other machinery for treating wood or cork		1166		33 /0
3479.40.00 3479.50.00		Rope or cable-making machines	No No	Free		35%
479.50.00	00	industrial robots, not elsewhere specified of included	NO	2.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
= 0 00 00			<b>.</b>	0.00/	MA,MX,P,SG)	400/
3479.60.00	00	Evaporative air coolers	No	2.8%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	40%
					MA,MX,P,SG)	
3479.81.00	00	Other machines and mechanical appliances: For treating metal, including electric wire				
347 3.01.00	00	coil-winders	No	Free		35%
0.470.00.00		NACCO CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR				
3479.82.00		Mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring				
		machines		Free		35%
	40 80	Mixing, kneading or stirring machines Other	No. No.			
3479.89	80	Other:	INO.			
		Electromechanical appliances with				
3479.89.10	00	self-contained electric motor: Air humidifiers or dehumidifiers	No	Free		40%
3479.89.20	00	Floor polishers	No	Free		35%
3479.89.55	00	Trash compactors	No	2.8%	Free (A,AU,BH,CA,	40%
					CL,E,IL,J,JO, MA,MX,P,SG)	
8479.89.65	00	Other	X	2.8%	Free (A,AU,BH,	40%
					C <u>1</u> /,CA,CL,E,	
					IL,J,JO,MA,MX, P,SG)	
479.89.70	00	Carpet sweepers	No	Free		35%

 $<sup>\</sup>underline{1}$ / See additional U.S. note 1 to this chapter.

	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	<u>l</u>
479		Machines and mechanical appliances having individual				
con.)		functions, not specified or included elsewhere in this				
		chapter; parts thereof (con.):				
		Other machines and mechanical appliances (con.):				
3479.89		Other (con.):				
con.)						
479.89.83	00	Machines for the manufacturing of		_		
		optical media	No	Free		35%
		0.0			_	0-0/
479.89.98		Other		2.5% <u>1</u> /	Free (A,AU,B,BH,	35%
					C <u>2</u> /,CA,CL,E,IL,	
					J,JO,MA,MX,	
	EΟ	Oil and see field wireline and downhale			P,SG)	
	50	Oil and gas field wireline and downhole	No.			
		equipment	No.			
	00	A. da sa ati ya sa ainta a a na a na ahin a	N			
	60	Automotive maintenance machines	No.			
	65	Hydraulic accumulators	No.			
	85	Ultrasonic cleaning devices	No.			
	95	Industrial vibrators	No.			
	97	Other	No.			
						1
						1
						1
						1
						1
			Ī	I	I	1

 $<sup>\</sup>underline{1}/$  See subheadings 9817.84.01 and 9902.11.17.  $\underline{2}/$  See additional U.S. note 1 to this chapter.

84-86			-	-		
Heading/	Stat.		Unit		Rates of Duty	_
Subheading	Suf-	Article Description	of	Control	1	2
	fix		Quantity	General	Special	
8479 (con.)		Machines and mechanical appliances having individual functions, not specified or included elsewhere in this chapter; parts thereof (con.):				
8479.90 8479.90.41	00	Parts: Of articles of subheading 8479.89.10 or	X	Free		35%
8479.90.45	00	Of trash compactors: Frame assemblies incorporating more than one of the following: baseplate; side frames; power screws; front plates	X	Free		35%
8479.90.55	00	Ram assemblies incorporating a ram wrapper and/or ram cover	X	Free		35%
8479.90.65	00	Container assemblies incorporating more than one of the following: container bottom;				
9470 00 75	00	container wrapper; slide track; container front Cabinets or cases				35%
8479.90.75 8479.90.85	00	Other				35% 35%
8479.90.94	40	Other		Free		35%
	50	Other: Of machinery for public works, building or the like	X			
	60	Of presses for the manufacture of particle board or fiber building board of wood or other ligneous materials and other	v			
	65	machinery for treating wood or cork	X			
	96	Other				

pases; molding pot molds), metal er or plastics:	No	3.4% 2.8% 3.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	50% 50% 35%
pases; molding pot molds), metal er or plastics:	No	3.8% 3.4% 2.8% 3.1% 5.1%	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO,	50% 50% 35% 35%
jot molds), metal er or plastics:	No	3.4% 2.8% 3.1% 3.1% Free	CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, CL,E,IL,J,JO, CL,E,IL,J,JO,	50% 50% 35% 35%
	No	3.4% 2.8% 3.1% 3.1% Free	CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, CL,E,IL,J,JO, CL,E,IL,J,JO,	50% 50% 35% 35%
	No	2.8% 3.1% 3.1% Free	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO,	50% 35% 35%
	No	3.1% 3.1% Free	Free (A*,AU,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO,	35% 35%
	No	3.1% Free	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG) Free (A,AU,BH,CA, CL,E,IL,J,JO,	35%
	No. No. No. No.	Free	Free (A,AU,BH,CA, CL,E,IL,J,JO,	
	No. No.  No.		140 (,140 (,1 ,00)	35%
	No.	Free		
				35%
	No	Free		Free
	No	Free		Free
		3.1% <u>1</u> /	Free (A,AU,BH,CA, CL,E,IL,J,JO, MA,MX,P,SG)	35%
testing, repair or being exported xamination,	No.			
	No.			
	NO.			
			CL,E,IL,J,JO,	Free 35%
	No.		MA,MX,P,SG)	
	testing, repair or being exported amination,	testing, repair or being exported ramination,		

٠ ١	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
481	TIX	Taps, cocks, valves and similar appliances, for pipes,	Quantity	General	Special	
101		boiler shells, tanks, vats or the like, including				
		pressure-reducing valves and thermostatically controlled				
481.10.00		valves; parts thereof:  Pressure-reducing valves		2%	Free (A,AU,B,BH,	35%
<del>-1</del> 01.10.00		Tressure-reducing valves		270	CA,CL,E,IL,J,JO,	3370
	00	II de Pa Ordan and an			MA,MX,P,SG)	
	20	Hydraulic fluid power type	No. kg			
		Pneumatic fluid power type:	ı və			
	40	Filter-regulators and filter-regulator-lubricators	No.			
	60	Other	kg No.			
			kg			
	90	Other	No.			
481.20.00		Valves for oleohydraulic or pneumatic	kg			
101.20.00		transmissions		2%	Free (A,AU,B,BH,	35%
					CA,CL,E,IL,J,JO,	
		Hydraulic valves:			MA,MX,P,SG)	
		Directional control:				
	10	Manual type	No.			
	20	Solenoid type	kg No.			
		• •	kg			
	30	Other	No.			
	40	Flow control type	kg No.			
		•	kg			
	50	Other	No.			
		Other:	kg			
		Directional control:				
	60	Solenoid type	No. kg			
	70	Other	No.			
			kg			
	80	Other	No. kg			
3481.30		Check (nonreturn) valves:	ING			
481.30.10		Of copper		3%	Free (A,AU,B,BH,	45%
					CA,CL,E,IL,J,JO, MA,MX,P,SG)	
	10	Having a pressure rating under 850 kPa	No.		(W. 4, W. 4, F. 4, C. C.)	
	00	Lleving a process rating of SEO kDe or ever	kg			
	90	Having a pressure rating of 850 kPa or over	No. kg			
481.30.20		Of iron or steel		5%	Free (A*,AU,B,BH,	45%
					CA,CL,E,IL,J,JO, MA,MX,P,SG)	
	10	Of iron	No.		IVIA,IVIA,F,SG)	
			kg			
	90	Of steel	No. kg			
481.30.90	00	Other		3%	Free (A,AU,B,BH,	45%
			kg		CA,CL,E,IL,J,JO,	
481.40.00	OΩ	Safety or relief valves	No	2% 1/	MA,MX,P,SG) Free (A,AU,B,BH,	35%
7101.10.00	00	durity of foliof varves	kg	2 / 0 <u>11</u> /	CA,CL,E,IL,J,JO,	0070
					MA,MX,P,SG)	

Subheading   Sub	Heading/	Stat.		Unit		Rates of Duty	
Taps.cocks, valves and similar appliances, for pipes boiler shells, tanks, vals or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof (con.):   Other appliances: Hand operated:	•		Article Description			1	2
Doiler shells, tanks, vats or the like, including pressure-recting valves and thermostatically controlled valves; parts thereof (con.):		fix		Quantity	General	Special	
Hand operated:   Of copper	(con.)		boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof (con.):				
Of copper	8481.80						
Having a pressure rating under 850 kPa: Bath and shower faucets   No. kg    8481.80.10				4%	CA,CL,E,IL,J,JO,	47%	
30   Sink and lavatory faucets   No.   No.		20	Having a pressure rating under 850 kPa: Bath and shower faucets			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
So				No. kg			
Having a pressure rating of 850 kPa or over:   Gate type				kg			
Over: Gate type		50					
To   Globe type   No.	60	over:	No.				
75				kg No.			
State   Stat		75	Plug type	No.			
90		85	Ball type	No.			
Of iron or steel				No. kg			
Of iron:  Of iron:  Gate type  No.  kg  No.  kg  Plug type  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  Other  No.  kg  Of steel:  Gate type  No.  kg  Of steel:  Gate type  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  No.  kg  Of steel:  Solution Globe type  No.  kg		95			5 00/ 4/		450/
10         Gate type         No.         kg           15         Globe type         No.         kg           20         Plug type         No.         kg           25         Ball type         No.         kg           30         Butterfly type         No.         kg           40         Other         No.         kg           55         Gate type         No.         kg           60         Globe type         No.         kg           65         Plug type         No.         kg           70         Ball type         No.         kg           75         Butterfly type         No.         kg           No.         kg         No.         kg	8481.80.30		Of Iron or steel		5.6% <u>1</u> /	CA,CL,E,IL,J,JO,	45%
15		10				WIA,WIA,I	
20		15	Globe type	No.			
Solution   Solution				No. kg			
40       Other       kg         No.       kg         55       Gate type       No.         60       Globe type       No.         65       Plug type       No.         70       Ball type       No.         75       Butterfly type       No.         kg       No.			••	kg			
Of steel: 55				kg			
55       Gate type       No.         60       Globe type       No.         65       Plug type       No.         70       Ball type       No.         75       Butterfly type       No.         kg       No.         kg       No.         kg       No.         kg       No.         kg       No.         kg       No.		+0					
65 Plug type			Gate type	kg			
70 Ball type				No. kg			
75 Butterfly type			•	kg			
kg			•	kg No.			
go   Other		90	Other	No.			

84-90	_					
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Overtity	Constal	Cne-i-i	2
0.40.4	fix		Quantity	General	Special	
8481 (con.) 8481.80		Taps, cocks, valves and similar appliances, for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves; parts thereof (con.):  Other appliances (con.):				
(con.)						
8481.80.50		Hand operated (con.): Of other materials		3%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	45%
	40	Pressure spray can valves	No. kg		, ,. ,. ,. ,. ,	
	60	Bath, shower, sink and lavatory faucets	No. kg			
	90	Other	No. kg			
8481.80.90		Other		2%	Free (A*,AU,B,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	35%
	05 10 15	Solenoid valves	No. No.		, , , , , , , , , ,	
		pressure, flow and liquid level	No.			
	20	Other: With electrical or electro-hydraulic actuators: Control valves designed for proportional operation by a signal	No			
		from a control device	No.			
	25 30	Other	No. No.			
	35	Control valves designed for proportional operation by a signal from a control device	No.			
8481.90	40 45 50	Other	No. No. No.			
8481.90.10	00	Of hand operated and check appliances: Of copper	kg	3%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO,	47%
8481.90.30	00	Of iron or steel	kg	5%	MA,MX,P,SG) Free (A*,AU,B,BH, CA,CL,E,IL,J,JO,	45%
8481.90.50	00	Of other materials	kg	3%	MA,MX,P,SG) Free (A,AU,B,BH, CA,CL,E,IL,J,JO,	45%
8481.90.90		Other		Free	MA,MX,P,SG)	35%
	20 40	Valve bodies	kg kg			
	60 80	Valve bodies Other	kg kg			
I .					1	

Subheading   Suff		Stat.		Unit		Rates of Duty	
Mail	Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
Ball bearings with integral shafts   2.4%   Free (A+,AU,B,BH, GCA,CL,D,E,IL,J, JO,MX,P,SG)   1.5% (MA)			Ball or roller bearings, and parts thereof:	,			
40   Bearings having an outside diameter not over 30 mm   No. kg   No. kg     80   Other   No. kg   No. kg     9%   Free (A+,AU,B,BH, G7%   CA,CL,D,E,IL,J, J,O,MX,P,S/G)     9%   Free (A+,AU,B,BH, G7%   CA,CL,D,E,IL,J, J,O,MX,P,S/G)     10			Ball bearings:  Ball bearings with integral shafts		2.4%	CA,CL,D,E,IL,J,	35%
So		40	Bearings having an outside diameter not over 30 mm				
CA, ČL, D.E, II, J. J. J.O, MX.P, St.G)		80	Other	No.			
04         Unground bearings Other:         No.           08         Thrust bearings	482.10.50		Other		9%	CA,ČL,D,E,IL,J, JO,MX,P,SG)	67%
12   Linear bearings   No. kg   No. k		04		No.		3.9 % (WA)	
12		80	Thrust bearings				
Angular contact bearings:  Wheel hub bearings units: Flanged No. kg  Other No. kg  Radial bearings: Single row bearings: Maximum or full capacity type No. kg  Other barings, having an outside diameter of: Under 9 mm No. kg  44 9 mm and over but not over 30 mm No. kg  Over 30 mm but not over 52 mm No. kg  Over 52 mm but not over 100 mm No. kg  Over 100 mm No. kg		12	Linear bearings	No.			
Other		16	Wheel hub bearings units:				
Radial bearings:   Radial bearings:   Single row bearings:   Single row bearings:   No. kg			-	kg			
Radial bearings:   Single row bearings:   Single row bearings:   No. kg				kg			
Other bearings, having an outside diameter of:         No.           36         Under 9 mm         No.           44         9 mm and over but not over 30 mm         No.           48         Over 30 mm but not over 52 mm         No.           52         Over 52 mm but not over 100 mm         No.           56         Over 100 mm         No.           60         Double row ball bearings         No.           64         Other         No.           68         Other         No.		32	Single row bearings:	No.			
44       9 mm and over but not over 30 mm       No. kg         48       Over 30 mm but not over 52 mm       No. kg         52       Over 52 mm but not over 100 mm       No. kg         56       Over 100 mm       No. kg         60       Double row ball bearings       No. kg         64       Other       No. kg         68       Other       No.			diameter of:				
30 mm		36					
48       Over 30 mm but not over 52 mm       No. kg         52       Over 52 mm but not over 100 mm       No. kg         56       Over 100 mm       No. kg         60       Double row ball bearings       No. kg         64       Other       No. kg         68       Other       No.		44					
52       Over 52 mm but not over 100 mm.       No. kg         56       Over 100 mm.       No. kg         60       Double row ball bearings.       No. kg         64       Other.       No. kg         68       Other.       No.		48	Over 30 mm but not over 52 mm				
56       Over 100 mm       kg         60       Double row ball bearings       No.         64       Other       No.         68       Other       No.		52	Over 52 mm but not over	kg			
60 Double row ball bearings kg 64 Other							
64 Other							
68 Other No.			-				
		68	Other	No.			

84-92	lo:		11.11	1	D./ (5.)	
Heading/ Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
	fix	·	Quantity	General	Special	2
8482 (con.)		Ball or roller bearings, and parts thereof (con.):				
8482.20.00		Tapered roller bearings, including cone and tapered roller assemblies		5.8%	Free (A+,AU,B,BH, CA,CL,D,E,IL,J, JO,MX,P,SG)	67%
	20	Cup and cone assemblies entered as a set:  Wheel hub units:  Flanged	No. kg		3.8% (MA)	
	30	Other	No. kg			
	40 60	Other: With cups having an outside diameter not exceeding 102 mm Other	No. kg No.			
	60	Otilei	kg			
	70	Cone assemblies entered separately: For cups having an outside diameter not exceeding 102 mm	No.			
	80	Other	kg No.			
8482.30.00		Spherical roller bearings	kg 	5.8%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO,	67%
	40	Single row	No. kg		MA,MX,P,SG)	
	80	Other	No. kg			
8482.40.00	00	Needle roller bearings	No kg	5.8%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	67%
8482.50.00	00	Other cylindrical roller bearings	No kg	5.8%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	67%
8482.80.00		Other, including combined ball/roller bearings		5.8%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	67%
	20	Combined ball and spherical roller bearings	No. kg		IVIA,IVIA,F,3G)	
	40	Combined ball and needle roller bearings	No.			
	60	Combined ball and other cylindrical roller bearings .	kg No. kg			
	80	Other	No. kg			
I	l			I	I	I

Cubbac din -	Stat.	Article Decariation	Unit		Rates of Duty	^
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
482		Ball or roller bearings, and parts thereof (con.):				
con.)		Parts:				
482.91.00		Balls, needles and rollers		4.4%	Free (A+,AU,B,BH, CA,CL,D,E,IL,J, JO,MX,P,SG) 2.9% (MA)	45%
400.00	10 20 40 50 70 80 90	Balls: Of alloy steel Other Needles Tapered rollers Spherical rollers Other Other	kg kg kg kg kg			
482.99		Other: Inner or outer rings or races:				
482.99.05	00	For ball bearings	No kg	9.9%	Free (A+,AU,B,BH, CA,CL,D,E,IL,J, JO,MX,P,SG) 6.5% (MA)	67%
482.99.15		For tapered roller bearings		5.8%	Free (A+,AU,B,BH, CA,CL,D,E,IL,J, JO,MX,P,SG)	67%
	40	Cups	No.		3.8% (MA)	
	80	Other	kg No.			
	50		kg			
3482.99.25		Other		5.8%	Free (A+,AU,B,BH, CA,CL,D,E,IL,J, JO,MX,P,SG) 3.8% (MA)	67%
	20	For spherical roller bearings	No. kg			
	40	For needle bearings	No. kg			
	60	For other cylindrical roller bearings	No. kg			
	80	Other	No. kg			

84-94			_			
	Stat.		Unit		Rates of Duty	
	Suf-	Article Description	of	1	1	2
	fix		Quantity	General	Special	
8482		Ball or roller bearings, and parts thereof (con.):				
(con.)						
		Parts (con.):				
8482.99		Other (con.):				
(con.)		Other				
8482.99.35	00	Other:				
8482.99.35	00	Parts of ball bearings (including parts of ball bearings with integral shafts)	ka	9.9%	Free (A+,AU,B,BH,	670/
		bali bearings with integral shalls)	''y	3.3 /0	CA,CL,D,E,IL,J,	07 70
					JO,MX,P,SG)	
					6.5% (MA)	
8482.99.45	00	Parts of tapered roller bearings	kg	5.8%	Free (A+,AU,B,BH,	67%
					CA,CL,D,E,IL,J,	
					JO,MX,P,SG)	
0400 00 05		Othor		F 00/	3.8% (MA)	670/
8482.99.65		Other		5.8%	Free (A+,ÁU,B,BH,	0/%
					CA,CL,D,E,IL,J, JO,MX,P,SG)	
					3.8% (MA)	
	10	For spherical roller bearings	kg			
	30	For needle bearings	ka			
	60	For other cylindrical roller bearings	kg			
	95	Other	kg			
	•		•	•	•	

Heading/	Stat.		Unit	1	Rates of Duty	84-9
•	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8483		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain				
		shaft bearings; gears and gearing; ball or roller screws;				
		gear boxes and other speed changers, including torque				
		converters; flywheels and pulleys, including pulley blocks;				
		clutches and shaft couplings (including universal joints); parts thereof:				
8483.10		Transmission shafts (including camshafts and				
0.100.10		crankshafts) and cranks:				
		Camshafts and crankshafts:				
8483.10.10		Designed for use solely or principally with				
		spark-ignition internal combustion piston engines or rotary engines		2 5%	Free (A,AU,B,BH,	35%
		crigines of rotary engines		2.570	C,CA,CL,E,IL,J,	3370
					JO,MA,MX,P,	
		F 111 61 4 67			SG)	
	10	For vehicles of chapter 87: For motorcycles	No.			
	10	For motorcycles	kg			
	30	Other	No.			
			kg			
	50	Other	No.			
8483.10.30		Other	kg	2.5%	Free (A,AU,B,BH,	35%
0400.10.00		Other		2.570	C,CA,CL,E,IL,J,	33 /0
					JO,MA,MX,P,	
					SG)	
	10	For vehicles of chapter 87	No. kg			
	50	Other	No.			
	00		kg			
8483.10.50	00		kg	Free		30%
8483.20		Housed bearings, incorporating ball or roller bearings:		4.50/		450/
8483.20.40		Flange, take-up, cartridge and hanger units		4.5%	Free (A,AU,BH,CA, CL,E,IL,J,JO,	45%
					MA,MX,P,SG)	
	40	Incorporating ball bearings	No.		, , , , ,	
0.400.00.00	80	Incorporating roller bearings		4.50/	Face (A. All Dil	450/
8483.20.80		Other		4.5%	Free (A+,AU,BH, CA,CL,D,E,IL,J,	45%
					JO,MX,P,SG)	
					2.9% (MA)	
	40	Incorporating ball bearings	No.			
8483.30	80	Incorporating roller bearings	No.			
8483.30.40		Bearing housings; plain shaft bearings: Flange, take-up, cartridge and hanger units		4.5%	Free (A,AU,BH,C,	45%
0 100.00.10		ridinge, take up, builtinge and hanger anito		1.070	CA,CL,E,IL,J,JO,	1070
					MA,MX,P,SG)	
	40	Ball or roller bearing type	kg			
8483.30.80	80	Other		4.5%	Free (A+,AU,BH,C,	45%
0400.00.00		Outer		4.570	CA,CL,D,E,IL,J,	14570
					JO,MX,P,SG)	
		Pooring housings:			2.9% (MA)	
	20	Bearing housings:  Ball or roller bearing type	ka			
	40	Other				
		Plain shaft bearings:				
	E -	With housing:	No			
	55	Rod end bearings	No. kg			
	65	Other	No.			
	- •		kg			
		Without housing:	_			
	70	Spherical				
	90	Other	kg No.			
	00	Ouloi	_	I	I	Ī
			kg			

84-96 Heading/	Stat.		Unit		Rates of Duty	
•	Suf-	Article Description	of		1	2
· ·	fix	·	Quantity	General	Special	
8483 (con.)		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints);				
8483.40		parts thereof (con.): Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements entered separately; ball or roller screws; gear boxes and other speed changers, including torque converters:				
8483.40.10	00	Torque converters  Gear boxes and other speed changers:  Fixed ratio speed changers, multiple and  variable ratio speed changers each ratio of  which is selected by manual manipulation:	No	Free		27.5%
8483.40.30	40 80	Imported for use with machines for making cellulosic pulp, paper or paperboard	No.	Free		27.5%
8483.40.50		Other		2.5%	Free (A,AU,BH,C, CA,CL,E,IL,J,JO, MA,MX,P,SG)	27.5%
8483.40.70	10 50 00	Fixed ratio speed changers Other	No.	25¢ each + 3.9%	Free (A,AU,BH,C, CA,CL,E,IL,J,JO,	\$4.50 each + 65%
8483.40.80	00	Ball or roller screws	x		MA,MX,P,SG) Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P,	45%
8483.40.90	00	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements entered separately	x	2.5%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P,	27.5%
8483.50 8483.50.40	00	Flywheels and pulleys, including pulley blocks: Gray-iron awning or tackle pulleys, not over 6.4 cm in wheel diameter	x	5.7%	Free (A,AU,BH,C, CA,CL,E,IL,J,JO, MA,MX,P,SG)	45%
8483.50.60	00	Other: Flywheels	x	2.8%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P,	45%
8483.50.90		Other		2.8%	C,CÀ,CL,E,IĹ,J, JO,MA,MX,P,	45%
8483.60	40 80	Grooved pulleys Other Clutches and shaft couplings (including universal	X X		SG)	
8483.60.40	4.5	joints): Clutches and universal joints		2.8%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	45%
8483.60.80	40 80 00	Clutches	No.	2.8%	Free (A+,AU,B,BH, C,CA,CL,D,E,IL,J, JO,MX,P,SG) 1.8% (MA)	45%

	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
483 con.)		Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints); parts thereof (con.):				
3483.90		Toothed wheels, chain sprockets and other				
3483.90.10		transmission elements presented separately; parts: Chain sprockets and parts thereof		2.8%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P,	45%
	10 50	Forged	kg kg		SG)	
3483.90.20	00	Parts of flange, take-up, cartridge and hanger units	x	4.5%	Free (A,AU,BH,C, CA,CL,E,IL,J,JO,	45%
3483.90.30		Other	x	4.5%	MA,MX,P,SG) Free (A+,AU,BH,C, CA,CL,D,E,IL,J, JO,MX,P,SG) 2.9% (MA)	45%
3483.90.50	00	Parts of gearing, gear boxes and other speed changers	X	2.5%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	27.5%
3483.90.70	00	Other: Parts of articles of subheading 8483.20	X	5.5%	Free (A+,AU,BH, CA,CL,D,E,IL,J, JO,MX,P,SG) 3.6% (MA)	45%
3483.90.80		Other		2.8%	Free (A+,AU,B,BH, C,CA,CL,D,E,IL,J, JO,MX,P,SG)	45%
	10 40 80	Parts of universal joints	X X X		1.8% (MA)	

84-98						
Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8484	00	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of gaskets and similar joints, dissimilar in composition, put up in pouches, envelopes or similar packings; mechanical seals:  Gaskets and similar joints of metal sheeting combined				
0404.10.00	00	with other material or of two or more layers of metal			Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
8484.20.00	00	Mechanical seals	No	3.9%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO, MA,MX,P,SG)	45%
8484.90.00	00	Other	No	2.5%	Free (A,AU,B,BH, C,CA,CL,E,IL,J, JO,MA,MX,P, SG)	35%
8486		Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in Note 9 (C) to this chapter; parts and accessories:				
8486.10.00	00	Machines and apparatus for the manufacture of boules or wafers:	No	Free		35%
8486.20.00	00	Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits:	No	Free		35%
8486.30.00	00	Machines and apparatus for the manufacture of flat panel displays:	No	Free		35%
8486.40.00		Machines and apparatus specified in note 9 (C) to this chapter:		Free		35%
	10	For the manufacture or repair of masks and reticles	No.			
	20	For assembling semiconductor devices or electronic integrated circuits	No.			
	30	For lifting, handling, loading or unloading of boules, wafers, semiconductor devices, electronic integrated circuits and flat panel displays	No.			
8486.90.00	00	Parts and accessories:		Free		35%
8487		Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, and not specified or included elsewhere in this chapter:				
8487.10.00	40	Ships' or boats' propellers and blades therefor		Free		30%
8487.90.00	80	OtherOther	X	3.9%	Free (A,AU,B,BH, CA,CL,E,IL,J,JO,	45%
	40 80	Oil seals, other than those of chapter 40 Other			MA,MX,P,SG)	