

<u>HS</u>	<u>Description</u>	<u>Bound rate at date of accession</u>	<u>Final Bound rate</u>	<u>Implementation</u>	<u>Present concession established</u>	<u>INR</u>	<u>Concession first incorporated in a GATT Schedule</u>	<u>Earlier INRs ODCs</u>
8460192	--- for ingots, billets, slabs and similar products	5				KG		0
8460199	--- Other	5				KG		0
84602	-Other grinding machines, in which the positioning in any one axis can be set up to an accuracy of at least 0.01 mm :							
846021	--Numerically controlled							
8460211	--- for crank shafts	5				KG		0
8460219	--- Other	5				KG		0
846029	--Other							
8460291	--- for ball or Roller bearing Parts	14				KG		0
8460292	--- for crank shafts	10				KG		0
8460299	--- Other	5				KG		0
84603	-Sharpening (tool or cutter grinding) machines :							
846031	--Numerically controlled	5						0
846039	--Other	10						0
846040	-Honing or lapping machines	5						0
846090	-Other	5						0
8461	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 cermetts, not elsewhere specified or included.							
846110	-planing machines	5						0
846120	-Shaping or slotting machines							
8461201	--- Shaping machines	5						0
8461209	--- slotting machines	5						0
846130	-broaching machines	5						0
846140	-Gear cutting, gear grinding or gear finishing machines							
8461401	--- gear cutting machines	5						0
8461409	--- Other	5						0
846150	-Sawing or cutting-off machines	10						0
846190	-Other	5						0

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8462	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.							
846210	-Forging or die-Stamping machines (including presses) and Hammers	5				KG		0
84622	-Bending, folding, straightening or flattening machines (including presses) :							
846221	--Numerically controlled	5						0
ex 846221	--- Machines for bending, folding and straightening semiconductor leads	0						0
846229	--Other	5				HU		0
ex 846229	--- Machines for bending, folding and straightening semiconductor leads	0				HU		0
84623	-Shearing machines (including presses), other than combined punching and shearing machines :							
846231	--Numerically controlled							
8462311	--- presses	5						0
8462319	--- Other	5						0
846239	--Other							
8462391	--- presses	5						0
8462399	--- Other	5						0
84624	-Punching or notching machines (including presses), including combined punching and shearing machines :							
846241	--Numerically controlled	5						0
846249	--Other	5						0
84629	-Other :							
846291	--Hydraulic presses	5						0
846299	--Other	5				KG		0
8463	Other machine-tools for working metal or cermets, without removing material.							
846310	-Draw-benches for bars, tubes, profiles, wire or the like	5						0

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846320	-thread rolling machines	5						0
846330	-machines for working wire							
8463301	--- for production of Helical coil springs	5						0
8463302	--- for production of Parts from wire	5						0
8463309	--- Other	5						0
846390	-Other	5						0
8464	Machine-tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold working glass.							
846410	-Sawing machines							
8464101	--- for working glass	0						0
8464109	--- for working Other materials	0						0
ex 8464109	---- Machines for sawing monocrystal semiconductors boules into slices, or wafers into chips	0						0
846420	-Grinding or polishing machines	0						0
ex 846420	-- Grinding, polishing and lapping machines for processing of semiconductor wafers	0						0
846490	-Other							
8464901	--- for working glass	0						0
8464909	--- for working Other materials	0						0
ex 8464909	---- Dicing machines for scribing or scoring semiconductor wafers	0						0
ex 8464909	---- Parts for machines for sawing monocrystal semiconductor boules into slice, or wafers into chips	0						0
8465	Machine-tools (including machines for nailing, stapling, gluing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials.							
846510	-machines which can carry out different types of Machining operations without tool change between such operations	5				CE15,KG		0
84659	-Other :							
846591	--Sawing machines							

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8465911	--- log-saws, band-reesaws and other vertical band saws	8				CE15			0
8465912	--- circular leaf saws, dragged saws, pendulum saws, on-desk, under-desk saws for rough transversal sawing	8				CE15			0
8465913	--- circular saws with manual or Automatic gear for longitudinal Sawing	8				CE15			0
8465919	--- Other	5				CE15			0
846592	--Planing, milling or moulding (by cutting) machines	5				CE15,KG			0
846593	--Grinding, sanding or polishing machines	4				CE15,CH			0
846594	--Bending or assembling machines	5				CE15			0
846595	--drilling or morticing machines	5				CE15			0
846596	--Splitting, slicing or paring machines	5				CE15			0
846599	--Other	5				CE15,KG,TR			0
8466	Parts and accessories suitable for use solely or principally with the machines of headings Nos. 84.56 to 84.65, 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.								
846610	-tool holders and Self-opening dieheads	0				CH,KG			0
846620	-work holders	0				KG			0
846630	-Dividing heads and Other special attachments for machine-tools	10							0
84669	-Other :								
846691	--For machines of heading No. 84.64	0							0
ex 846691	--- Parts of dicing machines for scribing or scoring semiconductor wafers	0							0
ex 846691	---Parts of grinding, polishing and lapping machines to produce or repair masks and reticles for patterns on semiconductor devices	0							0
846692	--For machines of heading No. 84.65	0							0
846693	--For machines of headings Nos. 84.56 to 84.61	0				CH			0

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ex 846693	--- Parts of focused ion beam milling machines to produce or repair masks and reticles for patterns on semiconductor devices	0				CH		0
ex 846693	--- Parts of laser cutters for cutting contacting tracks in semiconductor production by laser	0				CH		0
ex 846693	--- Parts of machines for working any material by removal of material, by laser or other light or photo beam in the production of semiconductor wafers	0				CH		0
ex 846693	--- Parts of apparatus for stripping or cleaning semiconductor wafers	0				CH		0
ex 846693	--- Parts of machines for dry-etching patterns on semiconductor materials	0				CH		0
846694	--For machines of heading No. 84.62 or 84.63	0				CH,KG		0
ex 846694	--- Parts of machines for bending, folding and straightening semiconductor leads	0				CH,KG		0
8467	Tools for working in the hand, pneumatic, hydraulic or with self-contained non-electric motor.							
84671	-Pneumatic :							
846711	--Rotary type (including combined rotary-percussion)	5						0
846719	--Other	5						0
84678	-Other tools :							
846781	--chain saws	5				CE15		0
846789	--Other	5						0
84679	-Parts :							
846791	--of chain saws	5						0
846792	--of pneumatic tools	5						0
846799	--Other	5						0
8468	Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting, other than those of heading No. 85.15; gas-operated surface tempering machines and appliances.							
846810	--Hand-held Blow pipes	12						0

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846820	-Other gas operated machinery and apparatus	5						0
846880	-Other machinery and apparatus	5						0
846890	-Parts	5						0
8469	Typewriters other than printers of heading No. 84.71; word-processing machines.							
84691	-Automatic typewriters and word processing machines :							
846911	--Word-processing machines	8	0	2002				0
846912	--Automatic typewriters	5						0
846920	-Other typewriters, electric	8						0
846930	-Other typewriters, non-electric	5						0
8470	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.							
847010	-Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions	5	0	2002		CE15		0
84702	-Other electronic calculating machines :							
847021	--Incorporating a printing device	8	0	2002				0
847029	--Other	0						0
847030	-Other calculating machines	0						0
847040	-Accounting machines	0						0
847050	-cash registers	10	0	2005		CE15		0
847090	-Other	0						0
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.							
847110	-Analogue or hybrid Automatic data processing machines	0						0

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ex 847110	-- For use in civil aircraft	0						0
847130	-Portable digital automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display	0				CE15		0
84714	-Other digital automatic data processing machines :							
847141	--Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined	0				CE15		0
ex 847141	--- For use in civil aircraft	0				CE15		0
847149	--Other, presented in the form of systems	0				CA,CE15		0
ex 847149	--- For use in civil aircraft	0				CA,CE15		0
847150	-Digital processing units other than those of sub-headings 8471.41 and 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	0				CA,CE15		0
ex 847150	-- For use in civil aircraft	0				CA,CE15		0
847160	-Input or output units, whether or not containing storage units in the same housing							
8471601	--- printers	0				CA,CE15		0
ex 8471601	---- For use in civil aircraft	0				CA,CE15		0
8471602	--- video-displays	0				CA,CE15		0
ex 8471602	---- For use in civil aircraft	0				CA,CE15		0
8471603	--- complete electronic keyboards	0				CA,CE15		0
ex 8471603	---- For use in civil aircraft	0				CA,CE15		0
8471604	--- document or code (designation) readers and units for input data from drawing (scanners and similar units)	0				CA,CE15		0
ex 8471604	---- For use in civil aircraft	0				CA,CE15		0
8471605	--- X-Y co-ordinate input devices (mouse, joystick, light pen etc.)	0				CA,CE15		0
ex 8471605	---- For use in civil aircraft	0				CA,CE15		0
8471609	--- Other	0				CA,CE15		0
ex 8471609	---- For use in civil aircraft	0				CA,CE15		0
847170	-Storage units	0				CA,CE15		0

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ex 847170	-- For use in civil aircraft	0			CA,CE15		0
847180	-Other units of Automatic data processing machines	0			CA,CE15		0
847190	-Other	0			CA,CE15,CH		0
8472	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).						
847210	-Duplicating machines	0					0
847220	-Addressing machines and address plate embossing machines	0					0
847230	-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 cancelling postage stamps	0					0
847290	-Other	0					0
ex 847290	-- Automatic teller machines	0					0
8473	Parts and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of headings Nos. 84.69 to 84.72.						
847310	-Parts and accessories of the machines of heading No. 84.69	0					0
ex 847310	-- Printed Circuit Assemblies for products falling within this agreement including such assemblies for external connections such as cards that conform to the PCMCIA standard. Such printed circuit assemblies consist of one or more printed circuits of heading 8534 with one or more active elements assembled thereon with or without passive elements. "Active elements" means diodes, transistors and similar semiconductor devices, whether or not photosensitive, of heading 8541, and integrated circuits	0					0
84732	-Parts and accessories of the machines of heading No. 84.70 :						

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847321	--Of the electronic calculating machines of subheading No. 8470.10, 8470.21 or 8470.29	0						0
847329	--Other	0				CE15		0
847330	-Parts and accessories of the machines of heading No. 84.71	0				CA,CE15,CH		0
847340	-Parts and accessories of the machines of heading No. 84.72	0						0
ex 847340	-- Printed Circuit Assemblies for products falling within this agreement including such assemblies for external connections such as cards that conform to the PCMCIA standard. Such printed circuit assemblies consist of one or more printed circuits of heading 8534 with one or more active elements assembled thereon with or without passive elements. "Active elements" means diodes, transistors and similar semiconductor devices, whether or not photosensitive, of heading 8541, and integrated circuits	0						0
847350	-Parts and accessories equally suitable for use with machines of two or more of the headings Nos. 84.69 to 84.72	0						0
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 moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand.							
847410	-Sorting, screening, separating or washing machines	10	5	2002		CE15		0
847420	-Crushing or Grinding machines							
8474201	--- of coal with capacity exceeding 1 000 tonnes per hour	0				CE15		0
8474202	--- of metal ores	0						0
8474209	--- Other	10	0	2005		CE15,CZ,SK		0
84743	-Mixing or kneading machines :							

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847431	--concrete or mortar mixers	10	5	2002		CE15		0
847432	--machines for mixing Mineral substances with bitumen	4						0
847439	--Other							
8474391	--- for mixing	4				CE15		0
8474399	--- for kneading	4				CE15		0
847480	-Other machinery							
8474801	--- for metal ores pelletisation	4				CH		0
8474802	--- for forming or cutting of building materials	4				CE15,CH		0
8474809	--- Other	4				CE15,CH		0
847490	-Parts	4				CE15		0
8475	Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware.							
847510	-Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	4						0
84752	-Machines for manufacturing or hot working glass or glassware :							
847521	--machines for making optical fibres and preforms thereof	5						0
847529	--Other	5				KG		0
847590	-Parts	5				KG		0
8476	Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines.							
84762	-Automatic beverage-vending machines :							
847621	--Incorporating heating or refrigerating devices	5						0
847629	--Other	5						0
84768	-Other machines :							
847681	--Incorporating heating or refrigerating devices	5						0
847689	--Other	5						0

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847690	-Parts	5							0
8477	Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this Chapter.								
847710	-Injection-moulding machines	8	5	2003		CA			0
ex 847710	-- Encapsulation equipment for assembly of semiconductors	0				CA			0
847720	-Extruders	10							0
847730	-Blow moulding machines	0							0
847740	-Vacuum moulding machines and Other thermoforming machines	5				KG			0
84775	-Other machinery for moulding or otherwise forming :								
847751	--for moulding or retreading pneumatic tyres or for moulding or Otherwise forming inner tubes	0							0
847759	--Other	8							0
847780	-Other machinery	5							0
847790	-Parts	0				CH			0
ex 847790	-- Parts of encapsulation equipment	0				CH			0
8478	Machinery for preparing or making up tobacco, not specified or included elsewhere in this Chapter.								
847810	-machinery	5							0
847890	-Parts	5							0
8479	Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter.								
847910	-Machinery for public works, building or the like	0				CE15			0
847920	-machinery for the extraction or preparation of Animal or fixed Vegetable fats or oils	5							0
847930	-presses for the manufacture of particle board or fibre building board of wood or Other ligneous materials and Other machinery for treating wood or cork	5							0
847940	-Rope or cable-making machines	5							0

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847950	-Industrial robots, not elsewhere specified or included	0							0
ex 847950	-- Automated machines for transport, handling and storage of semiconductor wafers, wafer cassettes, wafer boxes and other material for semiconductor devices	0							0
847960	-Evaporative air coolers	5							0
84798	-Other machines and mechanical appliances :								
847981	--For treating metal, including electric wire coil-winders	5							0
847982	--Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines								
8479821	---- agitators for aggressive Chemical materials in reservoirs and tanks	5							0
8479822	---- appliances for feed of components, for mixing of pressure-cast and vacuum-cast	5							0
8479829	--- Other	5							0
847989	--Other								
8479891	--- Hydraulic Pit props	0				CA,CH			0
8479899	--- Other	0				CA,CH			0
ex 8479899	----The following goods, for use in civil aircraft: Hidropneumatic batteries; Mechanical actuators for thrust reverses; Toilet units specially designed; Air humidifiers and dehumidifiers; Servo-mechanisms, non-electric; Non-electric starter motors; Pneumatic starters for turbo-jets, turbo-propellers and other gas turbines; Windscreen wipers, non-electric; Propeller regulators, non-electric.	0				CA,CH			0
ex 8479899	---- Apparatus for growing or pulling monocrystal semiconductor boules	0				CA,CH			0
ex 8479899	---- Apparatus for wet etching, developing, stripping or cleaning semiconductor wafers and flat panel displays	0				CA,CH			0
ex 8479899	---- Die attach apparatus, tape automated bonders, and wire bonders for assembly of semiconductors	0				CA,CH			0
ex 8479899	---- Encapsulation equipment for assembly of semiconductors	0				CA,CH			0

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ex 8479899	---- Epitaxial deposition machines for semiconductor wafers	0				CA,CH		0
ex 8479899	---- Parts of die attach apparatus, tape automated bonders, and wire bonders for assembly of semiconductors	0				CA,CH		0
847990	-Parts	0				CA,CH		0
ex 847990	-- Of machines and mechanical appliances enumerated under 8479.899, for use in civil aircraft	0				CA,CH		0
ex 847990	-- Parts of apparatus for physical deposition by sputtering on semiconductor wafers	0				CA,CH		0
ex 847990	-- Parts of apparatus for growing or pulling monocrystal semiconductor boules	0				CA,CH		0
ex 847990	-- Parts of apparatus for wet etching, developing, stripping or cleaning semiconductor wafers and flat panel displays	0				CA,CH		0
ex 847990	-- Parts of automated machines for transport, handling and storage of semiconductor wafers, wafer cassettes, wafer boxes and other material for semiconductor devices	0				CA,CH		0
ex 847990	-- Parts of encapsulation equipment for assembly of semiconductors	0				CA,CH		0
ex 847990	-- Parts of epitaxial deposition machines for semiconductor wafers	0				CA,CH		0
8480	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics.							
848010	-moulding boxes for metal foundry	5						0
848020	-mould bases	5						0
848030	-moulding patterns	5						0
84804	-Moulds for metal or metal carbides :							
848041	--Injection or Compression types	5						0
848049	--Other	5						0
848050	-moulds for glass	5						0
848060	-moulds for Mineral materials	5						0

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84807	-Moulds for rubber or plastics :								
848071	--Injection or Compression types	0							0
ex 848071	--- Injection and compression moulds for the manufacture of semiconductor devices	0							0
848079	--Other	5							0
8481	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure- reducing valves and thermostatically controlled valves.								
848110	-pressure-reducing valves								
8481101	--- pressure-regulating valves for compressed gas cylinders	14	5	2005		JP,US			0
8481109	--- other	14	5	2005		JP,US			0
848120	-valves for oleohydraulic or pneumatic transmissions	0				CH,JP			0
848130	-check valves								
8481301	--- vacuum baskets with valve	14	5	2005		JP,US			0
8481309	--- other	14	5	2005		JP,US			0
848140	-safety or relief valves								
8481401	--- with normal size of 15 mm and more but not exceeding 1200 mm and with pressure rating not exceeding 16 Mpa	14	5	2005		JP,US			0
8481409	--- other	14	5	2005		JP,US			0
848180	-other appliances								
8481801	--- regulating valves electromechanically or pneumatically powered;	10	5	2003		CA,CH,CE15,CZ,JP,SK,US			0
8481802	--- gate valves and butterfly valves with nominal size 25 mm and more but not exceeding 1 200 mm and with pressure rating "not exceeding 4 MPa; forged gate valves with nominal size 1/2" and more but not exceeding 2" and with pressure- rating" not exceeding 16 Mpa	12	5	2003		CH,CE15,CZ,JP,SK,US			0
8481803	--- shut-off valves with nominal size 8 mm and more but not exceeding 400 mm and with pressure rating not exceeding 4 MPa; "forged shut-off valves with nominal size 1/2" and more but not exceeding 2" and with pressure rating not exceeding 16"MPa; shut-off	12	5	2003		CH,CE15,CZ,JP,SK,US			0

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8481804	--- ball taps with nominal size 8 mm and more but not exceeding 700 mm and with pressure rating not exceeding 10 MPa	12	5	2003		CA,CH,CE15,CZ,JP,SK,U S		0
8481805	--- underground and surface hydrants, valves and drilling saddles for household connections, air inlet-relief valves (with two balls), inlet strainers with valve ball bearings	12	5	2003		CH,CE15,CZ,JP,SK,US		0
8481806	--- fixtures for singlepipe and double pipe central heating with nominal size 3/8" and more, but not exceeding 3/4"	12	5	2003		CA,CH,CE15,CZ,JP,SK,U S		0
8481809	--- Other	5				CA,CE15,US		0
848190	-Parts	5				JP		0
8482	Ball or roller bearings.							
848210	-ball bearings	0				CZ,SK,US		0
848220	-tapered roller bearings, including cone and tapered roller assemblies	5						0
848230	-spherical Roller bearings	5						0
848240	-needle Roller bearings	5						0
848250	-other cylindrical roller bearings	5						0
848280	-other, including combined ball/roller bearings	5						0
84829	-parts :							
848291	--balls, needles and rollers	5						0
848299	--other	0						0
8483	Transmission shafts (including cam shafts and crank shafts) and cranks; bearing housings 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).							
848310	-Transmission shafts (including cam shafts and crank shafts) and cranks	0				CZ,SK		0
ex 848310	-- For use in civil aircraft	0						0
848320	-Bearing housings, incorporating ball or roller bearings	5				CZ,SK		0

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848330	-Bearing housings, not incorporating ball or roller bearings; plain shaft bearings							
8483301	--- bearings housings	0						0
ex 8483301	---- For use in civil aircraft	0						0
8483309	--- Plain shaft bearings	0						0
ex 8483309	---- For use in civil aircraft	0						0
848340	-Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters	0						0
ex 848340	-- For use in civil aircraft	0						0
848350	-Flywheels and pulleys, including pulley blocks	0						0
ex 848350	-- For use in civil aircraft	0						0
848360	-Clutches and shaft couplings (including universal joints)	0						0
ex 848360	-- For use in civil aircraft	0						0
848390	-Parts	0						0
ex 848390	-- Of the articles of subheadings 8483.10; 8483.301; 8483.309; 8483.40; 8483.50 and 8483.60, for use in civil aircraft	0				CH		0
8484	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.					CH		0
848410	-Gaskets and similar joints of metal sheeting combined with Other material or of two or more layers of metal	0						0
ex 848410	-- For use in civil aircraft	0						0
848420	-Mechanical seals	0						0
848490	-Other	0						0
ex 848490	-- For use in civil aircraft	0						0

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8485	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, not specified or included elsewhere in this Chapter.							
848510	-Ships' or boats' propellers and blades therefor	10						0
848590	-Other	5						0
8501	Electric motors and generators (excluding generating sets).							
850110	-Motors of an output not exceeding 37.5 W							
8501101	--- DC motors of an output not exceeding 10 W, for toys	0				CH,JP,KG		0
8501109	--- Other	0				CH,JP,KG		0
850120	-Universal AC/DC motors of an output exceeding 37.5 W	0				JP,KG		0
ex 850120	-- Of an output exceeding 735 W but not exceeding 150 kW, for use in civil aircraft	0				JP,KG		0
85013	-Other DC motors; DC generators :							
850131	--Of an output not exceeding 750 W	12	10	2002		CZ,JP,KG,SK		0
ex 850131	--- Motors of an output exceeding 735 W, DC generators, for use in civil aircraft	0				CZ,JP,KG,SK		0
850132	--Of an output exceeding 750 W but not exceeding 75 kW	12	10	2002		JP,KG		0
ex 850132	--- For use in civil aircraft	0				JP,KG		0
850133	--Of an output exceeding 75 kW but not exceeding 375 kW	12	10	2002		JP,KG		0
ex 850133	--- Motors of an output exceeding 150 kW and generators, for use in civil aircraft	0				JP,KG		0
850134	--Of an output exceeding 375 kW	12	10	2002		JP,KG		0
ex 850134	--- Generators for use in civil aircraft	0				JP,KG		0
850140	-Other AC motors, single-phase							
8501401	-- motors with reduction gear for Doors opening and closing	12	10	2002		JP,KG		0
8501409	-- Other	12	10	2002		JP,KG		0
ex 8501409	---Of an output exceeding 735 W but not exceeding 150kW, for use in civil aircraft	0				JP,KG		0
85015	-Other AC motors, multi-phase :							
850151	--Of an output not exceeding 750 W							

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8501511	--- motors with reduction gear for Doors opening and closing	12	10	2002		JP,KG			0
8501512	--- Other electric motors with reduction gear	5				KG			0
ex 8501512	--- Of an output exceeding 735 W, for use in civil aircraft	0				KG			0
8501519	--- Other	12	10	2002		CE15,JP,KG			0
ex 8501519	--- Of an output exceeding 735 W , for use in civil aircraft	0				CE15,JP,KG			0
850152	--Of an output exceeding 750 W but not exceeding 75 kW								
8501521	--- electric motors with reduction gear	5				CE15,JP,KG			0
ex 8501521	--- For use in civil aircraft	0				CE15,JP,KG			0
8501529	--- Other	12	10	2002		CE15,JP,KG			0
ex 8501529	--- For use in civil aircraft	0				CE15,JP,KG			0
850153	--Of an output exceeding 75 kW	12	10	2002		CE15,JP,KG			0
ex 850153	--- Of an output not exceeding 150 kW, for use in civil aircraft	0				CE15,JP,KG			0
85016	-AC generators (alternators) :								
850161	--Of an output not exceeding 75 kVA	12	10	2002		CE15,JP			0
ex 850161	--- For use in civil aircraft	0				CE15,JP			0
850162	--Of an output exceeding 75 kVA but not exceeding 375 kVA	12	10	2002		CE15,JP			0
ex 850162	--- For use in civil aircraft	0				CE15,JP			0
850163	--Of an output exceeding 375 kVA but not exceeding 750 kVA	12	10	2002		CE15,JP			0
ex 850163	--- For use in civil aircraft	0				CE15,JP			0
850164	--Of an output exceeding 750 kVA	12	10	2002		CE15,JP			0
8502	Electric generating sets and rotary converters.								
85021	-Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines) :								
850211	--Of an output not exceeding 75 kVA	12	10	2002		JP			0
ex 850211	--- For use in civil aircraft	0				JP			0
850212	--Of an output exceeding 75 kVA but not exceeding 375 kVA	12	10	2002		JP			0
ex 850212	--- For use in civil aircraft	0				JP			0

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850213	--Of an output exceeding 375 kVA	12	10	2002		CE15,JP		0
ex 850213	--- For use in civil aircraft	0				CE15,JP		0
850220	-Generating sets with spark-ignition internal combustion piston engines	12	10	2002		JP		0
ex 850220	-- For use in civil aircraft	0				JP		0
85023	-Other generating sets :							
850231	--Wind-Powered	0				JP		0
850239	--Other							
8502391	--- DC	12	10	2002		JP,KG		0
ex 8502391	---- For use in civil aircraft	0				JP,KG		0
8502399	--- AC	12	10	2002		JP,KG		0
ex 8502399	---- For use in civil aircraft	0				JP,KG		0
850240	-Electric rotary Converters	12	10	2002		JP		0
ex 850240	-- For use in civil aircraft	0				JP		0
850300	Parts suitable for use solely or principally with the machines of heading No. 85.01 or 85.02.	5						0
8504	Electrical transformers, static converters (for example, rectifiers) and inductors.							
850410	-Ballasts for discharge lamps or tubes	12						0
ex 850410	-- For use in civil aircraft	0						0
85042	-Liquid dielectric transformers :							
850421	--Having a power handling capacity not exceeding 650 kVA							
8504211	--- measuring transformers	12						0
8504219	--- Other	12						0
850422	--Having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA	12						0
850423	--Having a power handling capacity exceeding 10,000 kVA	12						0
85043	-Other transformers :							
850431	--Having a power handling capacity not exceeding 1 kVA							
8504311	--- transformers of a capacity not exceeding 15 VA, for toys	10	5	2002		CE15		0
8504312	--- measuring transformers	5				CE15		0

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ex 8504312	---- For use in civil aircraft	0				CE15		0
8504319	--- Other	5				CE15		0
ex 8504319	---- For use in civil aircraft	0				CE15		0
850432	--Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA	13	10	2003		CA		0
ex 850432	--- For use in civil aircraft	0				CA		0
850433	--Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA							
8504331	--- of a capacity exceeding 20 kVA, for electric ovens for metal ores melting	13						0
8504339	--- Other	13						0
ex 8504339	---- For use in civil aircraft	0						0
850434	--Having a power handling capacity exceeding 500 kVA							
8504341	--- for Electric ovens for ores melting	12						0
8504349	--- Other	12						0
850440	-Static Converters	10	0	2005		CE15,CH,KG		0
ex 850440	-- For use in civil aircraft	0				CE15,CH,KG		0
ex 850440	-- For automatic data processing machines and units thereof, and telecommunication apparatus	0				CE15,CH,KG		0
ex 850440	-- Printed Circuit Assemblies for products falling within this agreement including such assemblies for external connections such as cards that conform to the PCMCIA standard. Such printed circuit assemblies consist of one or more printed circuits of heading 8534 with one or more active elements assembled thereon with or without passive elements. "Active elements" means diodes, transistors and similar semiconductor devices, whether or not photosensitive, of heading 8541, and integrated circuits	0				CE15,CH,KG		0
850450	-Other inductors	11				CE15		0
ex 850450	-- For use in civil aircraft	0				CE15		0

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ex 850450	-- For power supplies for automatic data processing machines and units thereof and telecommunication apparatus	0				CE15			0
850490	-Parts	5							0
ex 850490	-- Printed Circuit Assemblies for products falling within this agreement including such assemblies for external connections such as cards that conform to the PCMCIA standard. Such printed circuit assemblies consist of one or more printed circuits of heading 8534 with one or more active elements assembled thereon with or without passive elements. "Active elements" means diodes, transistors and similar semiconductor devices, whether or not photosensitive, of heading 8541, and integrated circuits	0							0
8505	Electro-magnets; permanent magnets and articles intended to become permanent magnets after magnetisation; electro-magnetic or permanent magnet chucks, clamps and similar holding devices; electro-magnetic couplings, clutches and brakes; electro-magnetic lifting heads.								
85051	-Permanent magnets and articles intended to become permanent magnets after magnetisation :								
850511	--of metal	5							0
850519	--Other	5							0
850520	-Electro-magnetic couplings, clutches and brakes	12							0
850530	-electro-magnetic lifting heads	5							0
850590	-Other, including parts	5							0
8506	Primary cells and primary batteries.								
850610	-Manganese dioxide	12							0
850630	-Mercuric oxide	10							0
850640	-Silver oxide	10							0
850650	-Lithium	10							0
850660	-air-zinc	10							0
850680	-Other	10							0
850690	-Parts	5							0

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8507	Electric accumulators, including separators therefor, whether or not rectangular (including square).								
850710	-Lead-acid, of a kind used for starting piston engines	17	10	2005		CE15,JP			0
ex 850710	-- For use in civil aircraft	0				CE15,JP			0
850720	-Other lead-acid accumulators								
8507201	--- tractive (for trucks powered by an electric motor), stationary	14	10	2005		CE15,JP			0
8507209	--- Other	17	10	2005		CE15,JP			0
ex 8507209	---- For use in civil aircraft	0				CE15,JP			0
850730	-Nickel-Cadmium	0				JP,KG			0
ex 850730	-- For use in civil aircraft	0				JP,KG			0
850740	-Nickel-iron	14	10	2005		CE15,JP,KG			0
ex 850740	-- For use in civil aircraft	0				CE15,JP,KG			0
850780	-Other accumulators	14	10	2005		CE15,JP			0
ex 850780	-- For use in civil aircraft	0				CE15,JP			0
850790	-Parts								
8507901	--- polyvinyl chloride separators	10				JP			0
ex 8507901	---- For use in civil aircraft	0				JP			0
8507902	--- Polypropylene containers and covers for accumulators	10				JP			0
ex 8507902	---- For use in civil aircraft	0				JP			0
8507909	--- Other	5				JP			0
ex 8507909	---- For use in civil aircraft	0				JP			0
8508	Electro-mechanical tools for working in the hand, with self-contained electric motor.								
850810	-drills of all kinds	0				CH			0
850820	-saws	0				CH			0
850880	-Other tools								
8508801	--- angle grinders of a power of 1 200 W or more, but not exceeding 2 300 W	12	8	2002		CH			0
8508809	--- Other	0				CH			0
850890	-Parts								
8508901	--- of drills	5							0
8508909	--- Other	5							0

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8509	Electro-mechanical domestic appliances, with self-contained electric motor.							
850910	-Vacuum cleaners	10				CZ,SK		0
850920	-Floor polishers	5						0
850930	-kitchen waste disposers	8						0
850940	-food grinders and mixers; fruit or Vegetable juice extractors	10						0
850980	-Other appliances	10	5	2003		AU		0
850990	-Parts	5				KG,US		0
8510	Shavers, hair clippers and hair-removing appliances, with self-contained electric motor.							
851010	-Shavers	10						0
851020	-Hair clippers	10						0
851030	-Hair-removing appliances	10						0
851090	-Parts	10						0
8511	Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, sparking plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines.							
851110	-Sparking plugs	5						0
ex 851110	-- For use in civil aircraft	0						0
851120	-ignition magnetos; magneto-dynamos; magnetic flywheels	5						0
ex 851120	-- For use in civil aircraft	0						0
851130	-distributors; ignition coils	5						0
ex 851130	-- For use in civil aircraft	0						0
851140	-Starter motors and dual purpose Starter-generators	8						0
ex 851140	-- For use in civil aircraft	0				JP,KG		0
851150	-Other generators	8						0
ex 851150	-- For use in civil aircraft	0				JP,KG		0
851180	-Other equipment							

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8511801	--- heating elements	8				JP,KG			0
ex 8511801	---- For use in civil aircraft	0				JP,KG			0
8511809	--- Other	8				JP,KG			0
ex 8511809	---- For use in civil aircraft	0				JP,KG			0
851190	-Parts	5	0	2003		JP,US			0
8512	Electrical lighting or signalling equipment (excluding articles of heading No. 85.39), windshield wipers, defrosters and demisters, of a kind used for cycles or motor vehicles.								
851210	-lighting or visual signalling equipment of a kind used on bicycles	5							0
851220	-Other lighting or visual signalling equipment	5	0	2003		US			0
851230	-sound signalling equipment	5	0	2003		US			0
851240	-Windscreen wipers, defrosters and demisters	5	0	2003		US			0
851290	-Parts	5	0	2003		KG,US			0
8513	Portable electric lamps designed to function by their own source of energy (for example, dry batteries, accumulators, magnetos), other than lighting equipment of heading No. 85.12.								
851310	-lamps								
8513101	--- Ex-proof for mines	10				KG			0
8513109	--- Other	10				KG			0
851390	-Parts	10							0
8514	Industrial or laboratory electric (including induction or dielectric) furnaces and ovens; other industrial or laboratory induction or dielectric heating equipment.								
851410	-Resistance heated furnaces and ovens								
8514101	--- for heat-treatment of ball and Roller bearings Parts	4							0
8514102	--- for metal ores melting	4							0
8514109	--- Other	4							0