

HS	Description	Bound rate at		Present concession established	Concession first incorporated in a	Earlier INRs	ODCs
		date of accession	Final Bound rate				
	---Tufting machines:						
84479011	----For making carpets or rugs	7		JP,US			0
84479019	----Other	8		US			0
84479020	---Embroidery machines	8		CH,JP,US			0
84479090	---Other	10		AU,JP,US			0
8448	Auxiliary machinery for use with machines of heading No. 84.44, 84.45, 84.46 or 84.47 (for example, dobbies, jacquards, automatic stop motions, shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of th						
	-Auxiliary machinery for machines of heading No. 84.44, 84.45, 84.46 or 84.47:						
84481100	--Dobbies and Jacquards; card reducing, copying, punching or assembling machines for use therewith	8		AU,CH,JP,US			0
84481900	--Other	8		CH,JP,US			0
	-Parts and accessories of machines of heading No. 84.44 or of their auxiliary machinery:						
84482020	---Extruding nipples and spinneret	6		CH,JP,US			0
84482090	---Other	6		CH,JP,US			0
	-Parts and accessories of machines of heading No. 84.45 or of their auxiliary machinery:						
84483100	---Card clothing	6		CH,JP,US			0
84483200	---Of machines for preparing textile fibres, other than card clothing	6		CH,JP,US			0
	--Spindles, spindle flyers, spinning rings and ring travelers:						
84483310	---Wirding spindle	6		CH,US			0
84483390	---Other	6		CH,US			0
	--Other:						
84483910	----Open-end rotors	6		CH,CZ,US			0
84483920	----Electronic yarn clearers	6		CH,JP,US			0
84483930	----Air twisting devices	6		CH,JP,US			0
84483990	----Other	6		CH,JP,US			0

HS	Description	Bound rate at		Final	Bound rate	Implementation	Present	Concession first		ODCs
		date of	accession					concession	incorporated in a	
				Bound rate			established	GATT Schedule	INRs	
	-Parts and accessories of weaving machines (looms) or of their auxiliary machinery:									
84484100	--Shuttles	6					CH,JP,US			0
84484200	--Reeds for looms, healds and head-frames	6					CH,JP,US			0
	--Other:									
84484910	---Catching and throwing shuttle boxes	6					CH,JP,US			0
84484920	---Wett insertion and let-off motions	6					CH,JP,US			0
84484990	---Other	6					CH,JP,US			0
	-Parts and accessories of machines of heading No. 84.47 or of their auxiliary machinery:									
	--Sinkers, needles and other articles used in forming stitches:									
84485120	---Bearded needles,crotcher hooks and complex needles for knitting machines,smaller than gauge No.28	6					CH,JP,US			0
84485190	---Other	6					CH,JP,US			0
84485900	---Other	6					CH,JP,US			0
8449	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:									
84490000	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	8					US			0
8450	Household or laundry-type washing machines, including machines which both wash and dry:									
	-Machines, each of a dry linen capacity not exceeding 10kg:									
84501100	--Fully-automatic machines	26.7		10		2005	JP,US			0
84501200	--Other machines, with built-in centrifugal drier	31.7		30		2002	JP,US			0
84501900	--Other	31.7		30		2002	JP,US			0
84502000	-Machines, each of a dry linen capacity exceeding 10kg	19		10		2004	US			0
	-Parts:									

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	INR	Concession first incorporated in a	
		date of accession	Bound rate					GATT Schedule	Earlier INRs
84509010	---Of the machines of subheadings Nos.8450.1100 to 8450.1900	14	5		2004		JP,US		0
84509090	---Other	20					JP,US		0
8451	Machinery (other than machines of heading No. 84.50) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made up textile articles								
84511000	-Dry-cleaning machines	21					US		0
	-Drying machines:								
84512100	--Each of a dry linen capacity not exceeding 10kg	21	15		2004		JP,US		0
84512900	--Other	8	8		2004		JP,US		0
84513000	-Ironing machines and presses (including fusing presses)	15.2	8		2004		JP,US		0
84514000	-Washing, bleaching or dyeing machines	11.7	8.4		2003		CH,JP,US		0
84515000	-Machines for reeling, unreeling, folding, cutting or pinking textile fabrics	11.5	8		2003		JP,US		0
84518000	-Other machinery	16	12		2003		CH,JP,US		0
84519000	-Parts	8					JP,US		0
8452	Sewing machines, other than book-sewing machines of heading No. 84.40; furniture, bases and covers specially designed for sewing machines; sewing machine needles:								
	-Sewing machines of the household type								
84521010	---More than 22 functions	21					US		0
84521090	---Other	21					US		0
	-Other sewing machines:								
	--Automatic units:								
84522110	---Flatseam	19.8	12		2004		US		0
84522190	---Other	19.8	12		2004		US		0
84522900	--Other	16	12		2003		JP,US		0
84523000	-Sewing machine needles	16	14		2002		JP,US		0
84524000	-Furniture, bases and covers for sewing machines and parts thereof	16	14		2002		JP,US		0
	-Other parts of sewing machines:								

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	INR	Concession first incorporated in a GATT Schedule	Earlier INRs	ODCs
		date of accession	Bound rate							
	---Of sewing machines of the household type:									
84529011	----Rotating shuttles	16	14	2002	US					0
84529019	----Other	16	14	2002	US					0
	---Other:									
84529091	----Rotating shuttles	16	14	2002	US					0
84529099	----Other	16	14	2002	US					0
8453	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:									
84531000	-Machinery for preparing, tanning or working hides, skins or leather	8.4			US					0
84532000	-Machinery for making or repairing footwear	8.4			AU,US					0
	wear									
84538000	-Other machinery	8.4			US					0
84539000	-Parts	8.4			US					0
8454	Converters, ladles, ingot moulds and casting machines, of a kind used in metallurgy or in metal foundries:									
84541000	-Converters	11.7	8.4	2003	US					0
	-Ingot moulds and ladles:									
84542010	---Fining equipments, outside of converters	12.2	8.4	2003	SG,US					0
84542090	---Other	10.3	8.4	2002	SG,US					0
	-Casting machines:									
84543010	---Cold chamber die-casting machines	12			US					0
	---Ingot continuous casting machines:									
84543021	----Ingot block	12			US					0
84543022	----Ingot slab	12			US					0
84543029	----Other	12			US					0
84543090	----Other	12			US					0
	-Parts:									
84549010	---For the fining equipments outside of converters	8			US					0
	---For ingot continuous casting machines									
84549021	----Crystallizers	8			US					0
84549022	----Vibrating devices	8			US					0
84549029	----Other	8			US					0

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	INR	Concession first incorporated in a GATT Schedule	Earlier INRs	ODCs
		date of accession	Bound rate							
84549090	---Other	8					US			0
8455	Metal-rolling mills and rolls therefor:									
	-Tube mills:									
84551010	---Tube mills, for hot-rolled	12					US			0
84551020	---Tube mills for cold-rolled	12					US			0
84551030	---Fixed and reduced tube mills	12					US			0
84551090	---Other	12					US			0
	-Other rolling mills:									
	--Hot or combination hot and cold:									
84552110	---Sheet mills, hot-rolled	15					JP, US			0
84552120	---Rolled-steel section mills	15					JP, US			0
84552130	---Wire mills	15					JP, US			0
84552190	---Other	15					JP, US			0
	--Cold:									
84552210	---Sheet mills	14	10	2003			US			0
84552290	---Other	15					US			0
84553000	-Rolls for rolling mills	8.4					US			0
84559000	-Other parts	8					US			0
8456	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:									
84561000	-Operated by laser or other light or photon beam processes	7.5	0	2003			CH, US			0
ex 84561000	Machines for working any material by removal of material, by laser or other light or photo beam in the production of semiconductor wafers; Lasercutters for cutting contacting tracks in semiconductor production by laser beam	5	0	2003			CH, US			0
84562000	-Operated by ultrasonic processes	11.7	10	2002			CH, JP, US			0
	-Operated by electro-discharge processes:									
84563010	---Numerically controlled	9.7					CH, JP, US			0
84563090	---Other	11.7	10	2002			CH, JP, US			0
	-Other:									
84569100	--For dry-etching patterns on semiconductor materials	10.8	0	2004			CH, JP, US			0

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	Final Bound rate				GATT Schedule	Earlier INRs	
	--Other:								
84569910	---Cutting machines of plasma arc	10.8	0	2004		CH,JP,US			0
ex 84569910	Focused ion beam milling machines to produce or repair masks and reticles for patterns on semiconductor devices	9	0	2004		CH,JP,US			0
84569990	---Other	10.8	0	2004		CH,JP,US			0
8457	Machining centres, unit construction machines(single station) and multi-station transfer machines, for working metal:								
	-Machining centres:								
84571010	---Vertical	9.7				CH,US			0
84571020	---Horizontal	9.7				CH,US			0
84571030	---Plano	9.7				CH,US			0
84571090	---Other	9.7				CH,US			0
84572000	-Unit construction machines (single station)	8				CH,JP,US			0
84573000	-Multi-station transfer machines	6.6	5	2002		CH,US			0
8458	Lathes (including turning centres)for removing metal:								
	-Horizontal lathes:								
84581100	---Numerically controlled	9.7				CH,JP,US			0
84581900	--Other	16	12	2003		CH,JP,US			0
	-Other lathes:								
84589100	--Numerically controlled	6.6	5	2002		CH,US			0
84589900	--Other	16	12	2003		CH,JP,US			0
8459	Machine-tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centres)of heading No.84.58:								
84591000	-Way-type unit head machines	15				JP,US			0
	-Other drilling machines:								
84592100	---Numerically controlled	9.7				CH,JP,US			0
84592900	--Other	15				US			0
	-Other boring-milling machines:								
84593100	---Numerically controlled	9.7				CH,CZ,JP,US			0
84593900	--Other	16	10	2004		CZ,US			0
	-Other boring machines:								

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	Final Bound rate				GATT Schedule	Earlier INRs	
84594010	---Numerically controlled	9.7				CH,US			0
84594090	---Other	16.7	15	2002		US			0
84595100	-Milling machines, knee-type:								
84595100	--Numerically controlled	9.7				JP,US			0
84595900	--Other	15				JP,US			0
	-Other milling machines:								
	--Numerically controlled:								
84596110	---Planomilling machines	6.6	5	2002		CH,US			0
84596190	---Other	6.6	5	2002		CH,US			0
	--Other:								
84596910	---Planomilling machines	15	12	2003		US			0
84596990	---Other	16	12	2003		US			0
84597000	-Other threading or tapping machines	14	12	2002		JP,US			0
8460	Machine-tools for debarring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal, or cremates by means of grinding stones, abrasives or polishing products, other than gear cutting, gear grinding or gear finishing machines of he								
	-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:								
84601100	--Numerically controlled	9.7				CH,JP,US			0
84601900	--Other	15				CH,JP,US			0
	-Other grinding machines, in which the positioning in any one axis can be set up to an accuracy of at least 0.01 mm:								
	--Numerically controlled:								
84602110	---Cylindrical grinding machines	9.7				CH,US			0
84602120	---Internal grinding machines	9.7				CH,US			0
84602190	---Other	9.7				CH,JP,US			0
	--Other:								
84602910	---Cylindrical grinding machines	15				CH,JP,US			0
84602920	---Internal grinding machines	15				CH,US			0
84602930	---Grinding machines of roll	13				CH,JP,US			0
84602990	---Other	13				CH,JP,US			0
	-Sharpening (tool or cutter grinding) machines:								

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	Final Bound rate				GATT Schedule	Earlier INRs	
84603100	--Numerically controlled	9.7				CH,US			0
84603900	--Other	15				CH,JP,US			0
	-Honing or lapping machines								
84604010	---Honing	13				CH,JP,US			0
84604020	---Lapping	13				CH,JP,US			0
	-Other:								
84609010	---Grinding wheel machines	15				CH,US			0
84609020	---Polishing machines	15				CH,US			0
84609090	---Other	15				CH,US			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 cremates, not elsewhere specified or included:								
	-Planing machines:								
84611010	---Double-column (open-side) planing machines	15				CH,JP,US			0
84611090	---Other	15				CH,US			0
	-Shaping or slotting machines:								
84612010	---Shaping machines	15				CH,US			0
84612020	---Slotting machines	15				CH,US			0
84613000	-Broaching machines	14	12	2002		CH,US			0
	-Gear cutting, gear grinding or gear finishing machines:								
84614010	---Numerically controlled	9.7				CH,US			0
84614090	---Other	15				HU,US			0
84615000	-Sawing or cutting-off machines	14	12	2002		JP,US			0
84619000	-Other	12				CH,US			0
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 met								
	-Forging or die-stamping machines (including presses) and hammers:								
84621010	---Numerically controlled	9.7				CH,JP,US			0
84621090	---Other	16	12	2003		JP,US			0

HS	Description	Bound rate at		Implementation	Present concession established	Concession first incorporated in a		ODCs
		date of accession	Final Bound rate			GATT Schedule	Earlier INRs	
	-Bending, folding, straightening or flattening machines (including presses):							
	--Numerically controlled:							
	---Straightening machines	9.7			CH,JP,US			0
ex	Machines for bending, folding and straightening semiconductor leads	6.5	0	2002	CH,JP,US			0
	---Other	9.7			CH,JP,US			0
	--Other:							
	---Straightening machines	14	10	2003	US			0
ex	Machines for bending, folding and straightening semiconductor leads	6.7	0	2003	US			0
	---Other	14	10	2003	US			0
	-Shearing machines (including presses), other than combined punching and shearing machines:							
	--Numerically controlled:							
	---Shearing lengthwise	7			CA,CH,JP,US			0
84623110		7			CA,CH,JP,US			0
84623120		7			CA,CH,JP,US			0
84623190		7						
	--Other:							
	---Shearing lengthwise	14	10	2003	US			0
84623910		14	10	2003	US			0
84623920		14	10	2003	US			0
84623990		14	10	2003	US			0
	-Punching or notching machines (including presses), including combined punching and shearing machines:							
	--Numerically controlled	9.7			CH,JP,US			0
84624100		14	10	2003	JP,US			0
84624900		14	10	2003				
	--Other:							
	--Hydraulic presses:							
	---Metal section squeezing machine	16	10	2004	CH,US			0
84629110		16	10	2004	CH,US			0
84629190		16	10	2004				
	--Other:							
	---Mechanical presses	16	10	2004	CH,JP,US			0
84629910		16	10	2004	CH,JP,US			0
84629990		16	10	2004				
8463	Other machine?tools for working metal, or cremates, without removing material:							
	-Draw-benches for bars, tubes, profiles, wire or the like:							
	---Cold-drawing tube benches:							

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		date of accession	Bound rate					GATT Schedule	Earlier INRs	
84631011	---With 300t or less	14	10		2003		US			0
84631019	----Other	14	10		2003		US			0
84631020	---Wiredrawing machines	14	10		2003		US			0
84631090	---Other	14	10		2003		US			0
84632000	-Thread rolling machines	15					JP,US			0
84633000	-Machines for working wire	14	10		2003		US			0
84639000	-Other	14	10		2003		US			0
8464	Machine-tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold working glass:									
	-Sawing machines:									
84641010	--- Of disk saw	7.5	0		2003		US			0
ex 84641010	Machines for sawing monocrystal semiconductor boules into slices, or wafers into chips	7.5	0		2003		US			0
84641020	--- Of scroll saw	7.5	0		2003		US			0
ex 84641020	Machines for sawing monocrystal semiconductor boules into slices, or wafers into chips	7.5	0		2003		US			0
84641090	--- Other	7.5	0		2003		US			0
ex 84641090	Machines for sawing monocrystal semiconductor boules into slices, or wafers into chips	7.5	0		2003		US			0
84642010	-Grinding or polishing machines:									
	---Machines for grinding or polishing glass or glassware	7.5	0		2003		JP,US			0
84642090	--- Other	7.5	0		2003		JP,US			0
ex 84642090	Grinding, polishing and lapping machines for processing of semiconductor wafers	7.5	0		2003		JP,US			0
84649011	---Other machines for cold-working glass or glassware	7.5	0		2003		US			0
84649012	---- Cutting-off machines	7.5	0		2003		US			0
84649019	---- Carving machines	7.5	0		2003		US			0
84649090	---- Other	7.5	0		2003		US			0
ex 84649090	Dicing machines for scribing or scoring semiconductor wafers	7.5	0		2003		US			0

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	10					GATT Schedule	Earlier INRs	
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:									
84651000	--Machines which can carry out different types of machining operations without tool change between such operations	12	10		2002		US			0
	-Other:									
84659100	--Sawing machines	12	10		2002		US			0
84659200	--Planing, milling or moulding (by cutting) machines	12	10		2002		JP,US			0
84659300	--Grinding, sanding or polishing machines	12	10		2002		US			0
84659400	--Bending or assembling machines	12	10		2002		US			0
84659500	--Drilling or mortising machines	12	10		2002		US			0
84659600	--Splitting, slicing or parting machines	12	10		2002		JP,US			0
84659900	--Other	14	10		2003		US			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 typ									
84661000	-Tool holders and self-opening dieheads	7					CH,JP,US			0
84662000	-Work holders	7					CH,JP,US			0
84663000	-Dividing heads and other special attachments for machine-tools	7					CH,JP,US			0
	-Other:									
84669100	--For machines of heading No.84.64	2.7	0		2002		CH,US			0
ex 84669100	Parts for machines for sawing monocrystal semiconductor boules into slices, or wafers into chips; Parts of dicing machines for scribing or scoring semiconductor wafers; Parts of grinding, polishing and lapping machines for processing of semiconductor wafers	2.7	0		2002		CH,US			0
84669200	--for machines Of heading No.84.65	6					AU,CH,US			0
84669300	--For machines of headings Nos.84.56 to 84.61	2.3	0		2002		AU,CH,JP,US			0

HS	Description	Bound rate at		Implementation	Present concession established	Concession first incorporated in a GATT Schedule	Earlier INRs	ODCs
		date of accession	Final Bound rate					
ex 84669300	Parts of focused ion beam milling machines to produce or repair masks and reticles for patterns on semiconductor devices; Parts of laser cutters for cutting contacting tracks in semiconductor production by laser beam; 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; Parts of apparatus for stripping or cleaning semiconductor wafers; Parts of machines for dry-etching patterns on semiconductor materials	2.3	0	2002	AU,CH,JP,US			0
84669400	--For machines of heading No. 84.62 or 84.63					AU,CH,JP,US		0
8467	Tools for working in the hand, pneumatic, hydraulic or with self-contained non-electric motor:							
	-Pneumatic:							
84671100	--Rotary type (including combined rotary-percussion)	11.5	8	2003	JP,US			0
84671900	--Other	11.5	8	2003	JP,US			0
	-Other tools:							
84678100	--Chain saws	11.5	8	2003	US			0
84678900	--Other	11.5	8	2003	US			0
	-Parts:							
84679100	--Of chain saws	6			US			0
84679200	--Of pneumatic tools	6			AU,US			0
84679900	--Other	6			JP,US			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:							
84681000	-Hand-held blow pipes	12			JP,US			0
84682000	-Other gas-operated machinery and apparatus	12			JP,US			0
84688000	-Other machinery and apparatus	12			AU,JP,US			0
84689000	-Parts	7			US			0

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	INR	Concession first incorporated in a GATT Schedule	Earlier INRs	ODCs
		date of accession	Bound rate							
8469	Typewriters other than printers of heading No.84.71; word-processing machines:									
	-Automatic typewriters and word-processing machines:									
84691100	--Word-processing machines	7.5	0		2003		JP,US			0
84691200	--Automatic typewriters	14					JP,US			0
84692000	-Other typewriters, electric	14					JP,US			0
84693000	-Other typewriters, non-electric	14					JP,US			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 register									
84701000	-Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions	16.7	0		2005		JP,US			0
	-Other electronic calculating machines:									
84702100	--Incorporating a printing device	16.7	0		2005		JP,US			0
84702900	--Other	16.7	0		2005		JP,US			0
84703000	-Other calculating machines	16.7	0		2005		JP,US			0
84704000	-Accounting machines	7.5	0		2003		JP,US			0
	-Cash registers:									
84705010	---Terminal registers for market	7.5	0		2003		JP,US			0
84705090	---Other	7.5	0		2003		JP,US			0
84709000	-Other	7.5	0		2003		JP,US			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:									
84711000	-Analogue or hybrid automatic data processing machines	3	0		2002		CA,JP,US			0

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession		Concession first	
		date of accession	0			established	INR	incorporated in a GATT Schedule	Earlier INRs
84713000	-Portable digital automatic data processing machines, weighing not more than 10 kg, containing of at least a central processing unit a keyboard and a display:	7.5	0	2003			JP, US		0
	-Other digital 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:								
84714110	----Mainframes	5.4	0	2002			JP, US		0
84714120	----Mini-computers	3	0	2002			JP, US		0
84714140	----Microprocessings	9	0	2003			JP, US		0
84714190	----Other	7.5	0	2003			JP, US		0
	--Other, presented in the form of systems:								
84714910	----Mainframes	5.4	0	2002			JP, US		0
84714920	----Mini-computers	3	0	2002			JP, US		0
84714940	----Microprocessings	7.5	0	2003			JP, US		0
	----Other:								
84714991	----Processing machines for the distributed control system	7.5	0	2003			JP, US		0
84714999	----Other	7.5	0	2003			JP, US		0
	-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:								
84715010	--- Mainframes	3	0	2002			JP, US		0
84715020	--- Mini-computers	3	0	2002			JP, US		0
84715040	--- Microprocessings	7.5	0	2003			JP, US		0
84715090	---Other	7.5	0	2003			JP, US		0
	-Input or output units, whether or not containing storage units in the same housing:								
84716010	---Displays	7.5	0	2003			JP, US		0
	---Printers:								
84716031	----Stylus printing	7.5	0	2003			AU, JP, US		0
84716032	----Laser printers	3	0	2002			AU, JP, US		0

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	Final Bound rate				GATT Schedule	Earlier INRs	
84716033	----Ink-jet printers	3	0	2002		AU,JP,US			0
84716039	----Other	3	0	2002		AU,JP,US			0
84716040	----Terminating machines for the huge computers,mainframes and mini- computers	3	0	2002		AU,JP,US			0
84716050	---Scanners	3	0	2002		AU,JP,US			0
84716060	---Digitizer	3	0	2002		AU,JP,US			0
84716070	---Keyboards and mouses	6	0	2003		AU,JP,US			0
84716090	---Other	3	0	2002		AU,US			0
	-Storage units:								
84717010	---Rigid disk drivers	3	0	2002		JP,US			0
84717020	---Floppy disk drivers	3	0	2002		JP,US			0
84717030	---CD drivers	3	0	2002		JP,US			0
84717090	---Other	3	0	2002		JP,US			0
84718000	-Other units of automatic data processing machines	7.5	0	2003		JP,US			0
84719000	-Other	7.5	0	2003		JP,US			0
8472	Other office machines (for example, hctograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin- sorting machines, coin-counting or wrapping machines, pencil-sharpening machines, perforating or stapling machines):								
84721000	-Duplicating machines	16	14	2002		JP,US			0
84722000	-Addressing machines and address plate embossing machines	14				JP,US			0
	- 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								
84723010	--- Machines for sorting mail or banding mail	14				US			0
84723090	---Other	14				US			0
	-Other:								
84729010	---Automated teller	10.8	0	2004		JP,US			0
	---Stapling machines								
84729021	----- Perforator	10.8	0	2004		JP,US			0
84729022	----- Stapler	10.8	0	2004		JP,US			0

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	INR	Concession first incorporated in a	
		date of accession	0					GATT Schedule	Earlier INRs
84729029	--- Other	10.8	0	0	2004		JP,US		0
84729030	--- Paper shredders	10.8	0	0	2004		JP,US		0
84729090	---Other	10.8	0	0	2004		JP,US		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:								
84731000	-Parts and accessories of the machines of heading No. 84.69						JP,US		0
	-Parts and accessories of the machines of heading No. 84.70:								
84732100	--Of the electronic calculating machines of subheading No. 8470.10, 8470.21 or 8470.29		0	0	2003		JP,US		0
84732900	--Other		0	0	2003		JP,US		0
	-Parts and accessories of the machines of heading No. 84.71:								
84733010	---Of the machines of subheading No.8471.1000, 8471.4110, 8471.4120, 8471.4910,8471.4920, 8471.5010, 8471.5020, 8471.6090, 8471.7019,8471.7020, 8471.7030 or 8471.7090		0	0			AU,CR,JP,US		0
	---Parts and accessories of the machines of subheadingNo.84716030:								
84733021	----Print element of stylus printers		0	0	2002		JP,US		0
84733029	----Other		0	0	2002		JP,US		0
84733090	----Other		0	0	2002		AU,JP,US		0
	-Parts and accessories of the machines of heading No. 84.72								
84734010	--- Banknote dispenser of automated teller		10.5				AU,JP,US		0
84734090	--- Other		10.5				AU,JP,US		0
84735000	-Parts and accessories equally suitable for use with machines of two or more of the headings Nos.84.69 to 84.72		0	0	2003		JP,US		0

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	Concession first	
		date of accession	accession				incorporated in a GATT Schedule	Earlier INRs
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, -Sorting, screening, separating or washing machines	10.4	5	2004		AU,US		0
84742010	-Crushing or grinding machines: --- Toothing roller type	11.6	5	2004		US		0
84742090	---Other	11.6	5	2004		US		0
84743100	-Mixing or kneading machines: --Concrete or mortar mixers	13.6	7	2004		JP,US		0
84743200	---Machines for mixing mineral substances with bitumen	11	7	2003		JP,US		0
84743900	--Other	11	5	2004		JP,US		0
84748010	-Other machinery: ---Rolling forming machines	11	5	2004		CA,US		0
84748090	---Other	11	5	2004		CA,US		0
84749000	-Parts	5				AU,JP,US		0
8475	Machines for assembling electric or electronic lamps, tubes or valves or flash-bulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware: -Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	8				KR,US		0
84751000	-Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	8				KR,US		0
84752100	-Machines for manufacturing or hot working glass or glassware: --Machines for making optical fibres and performs thereof	10				JP,US		0
84752911	---Other: ---Equipments for hot working glass or glassware: ---- Continuous glass hot-blending furnaces	10				US		0
84752919	---- Other	10				US		0
84752990	--- Other	10				US		0
84759000	-Parts	8				JP,US		0

HS	Description	Bound rate at		Final Bound rate	Implementation	Present concession established	Concession first incorporated in a GATT Schedule	Earlier INRs	ODCs
		date of accession	Bound rate						
8476	Automatic goods-ending machines (for example, postage stamp, cigarette, food or beverage machines), including money-hanging machines:								
84762100	--Incorporating heating or refrigerating devices	20.6	14	2004	US			0	
84762900	---Other	21	15	2004	US			0	
84768100	--Other machines:								
	--Incorporating heating or refrigerating devices	20.6	14	2004	US			0	
84768900	--Other	21	15	2004	US			0	
84769000	-Parts	11.7	10	2002	JP,US			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:								
	-Injection-moulding machines:								
84771010	---For working plastics	7.5	0	2003	AU,JP,US			0	
84771090	---Other	7.5	0	2003	JP,US			0	
	-Extruders:								
84772010	---Plastic pelletizers	11	5	2004	US			0	
84772090	---Other	11	5	2004	US			0	
84773000	-Blow moulding machines	11	5	2004	JP,US			0	
	-Vacuum moulding machines and other thermoforming machines:								
84774010	---Plastics bridge-die-forming machines	11.6	5	2004	US			0	
84774020	---Plastics calender-forming machines	11.6	5	2004	US			0	
84774090	---Other	11.6	5	2004	US			0	
	-Other machinery for moulding or otherwise forming:								
84775100	--For moulding or retreating pneumatic tyres or for moulding or otherwise forming inner tubes	10	5	2004	US			0	
84775900	--Other	11	5	2004	JP,US			0	
84778000	-Other machinery	11	5	2004	AU,JP,US			0	
84779000	-Parts	2.7	0	2002	AU,JP,US			0	
ex 84779000	Parts of encapsulation equipment	2.7	0	2002	AU,JP,US			0	

HS	Description	Bound rate at		Final	Implementation	Present	Concession first			
		date of	accession				Bound rate	date of	incorporated in a	Earlier
						concession	INR	GATT Schedule	INRs	ODCs
8478	Machinery for preparing or making up tobacco, not specified or included elsewhere in this Chapter:									
84781000	-Machinery	10.4	5		2004		US			0
84789000	-Parts	10					US			0
8479	Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter:									
	-Machinery for public works, building or the like:									
	---Spreading machines									
84791021	----Machines for spreading bituminous concrete	15.2	8		2004		NO,US			0
84791022	---- Stabilizer spreading machines	11.5	8		2003		US			0
84791029	---- Other	11.5	8		2003		US			0
84791090	----Other	11.5	8		2003		US			0
84792000	-Machinery for the extraction or preparation of animal or fixed vegetable fats or oils	10					NO,US			0
84793000	-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	10					JP,NO,US			0
84794000	-Rope or cable-making machines	11	7		2002		AU,CA,JP,NO,US			0
	-Industrial robots, not elsewhere specified or included:									
84795010	--- Industrial robots for multiple uses	7	0		2003		JP,NO,US			0
ex 84795010	Automated machines for transport, handling and storage of semiconductor wafers,cassettes, wafer boxes and other material for semiconductor devices	7	0		2003		JP,NO,US			0
84795090	--- Other	7	0		2003		JP,NO,US			0
ex 84795090	Automated machines for transport, handling and storage of semiconductor wafers, wafer cassettes, wafer boxes and other material for semiconductor devices	7	0		2003		JP,NO,US			0
84796000	-Evaporative air coolers	10					JP,NO,US			0
	-Other machines and mechanical appliances:									

HS	Description	Bound rate at		Final accession	Bound rate	Implementation	Present concession established	INR	Concession first incorporated in a GATT Schedule	Earlier INRs	ODCs
		date of	accession								
	--For treating metal, including electric wire coil- winders:										
84798110	---Filament winding machines	11	9.5		2002		US				0
84798190	---Other	11	9.5		2002		US				0
84798200	--Mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring machines	7					AU,JP,NO,US				0
	--Other:										
84798910	---Steering and rudder equipment or gyroscopic stabilizers for ships	2.7	0		2002		AU,CA,US				0
84798920	---Air humidifiers or dehumidifiers	16.7	0		2005		CA,JP,NO,US				0
84798940	---Bundle and printed matter sorting machines used in post offices	3.3	0		2002		JP,US				0
84798950	---Presses for radioactive waste material	0					JP,US				0
	--- Machines for assembling elements on printed circuit boards:										
84798961	---- Automatic plug-in machines	10	0		2004		JP,US				0
84798962	---- Automatic coreslice adhering machines	10	0		2004		JP,US				0
84798969	---- Other	10	0		2004		JP,US				0
84798990	----Other	10	0		2004		JP,US				0
ex 84798990	Apparatus for growing or pulling monocrystal semiconductor boules; Apparatus for physical deposition by sputtering on semiconductor wafers; Apparatus for wet etching, developing, stripping or clearing semiconductor wafers and flat panel displays; Die attach apparatus, tape automated bonders, and wire bonders for assembly of semiconductors; Encapsulation equipment for assembly of semiconductors; Epitaxial deposition machines for semiconductor wafers; Machines for bending, folding and straightening semiconductor leads; Physical deposition apparatus for for semiconductor production; Spinners for coating photographic emulsions on semiconductor wafers; Apparatus for wet etching, developing, stripping or cleaning semiconductor wafers and flat panel displays	10	0		2004		JP,US				0

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first incorporated in a GATT Schedule	Earlier INRs	ODCs
		date of accession	Final Bound rate						
84799010	-Parts: ---Of the machines of subheading No. 8479.8910	2	0	2002		AU,JP,KR,NO,US			0
84799020	---Of the machines of subheading No. 8479.8920	12	0	2004		AU,JP,US			0
84799090	---Other	2.7	0	2002		AU,JP,NO,US			0
ex 84799090	Part of apparatus for physical deposition by sputtering on semiconductor wafers; Parts for die attach apparatus, tape automated bonders, and wire bonders for assembly of semiconductors; Parts for spinners for coating photographic emulsions on semiconductor wafers; Parts of apparatus for growing or pulling monocrystal semiconductor boules; Parts of apparatus for wet etching, developing, stripping or cleaning semiconductor wafers and flat panel displays; Parts of automated machines for transport, handling and storage of semiconductor wafers, wafer cassettes, wafer boxes and other material for semiconductor devices; Parts of encapsulation equipment for assembly of semiconductors; Parts of epitaxial deposition machines for semiconductor wafers; Parts of machines for bending, folding and straightening semiconductor leads; Parts of physical deposition apparatus for semiconductor production; Parts of apparatus for wet etching, developing, stripping or cleaning semiconductor wafers and flat panel displays	2.7	0	2002		AU,JP,NO,US			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:								
84801000	-Moulding boxes for metal foundry	10				JP,US			0
84802000	-Mould bases	8				US			0
84803000	-Moulding patterns	10				JP,US			0

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first		ODCs
		date of accession	Final Bound rate				incorporated in a GATT Schedule	Earlier INRs	
84804100	-Moulds for metal or metal carbides:								
	--Injection or compression types	8				JP,US			0
84804900	--Other	8				JP,US			0
84805000	-Moulds for glass	8.4				JP,US			0
84806000	-Moulds for mineral materials	8.4				JP,US			0
	-Moulds for rubber or plastics:								
	--Injection or compression types	6	0	2003		CA,JP,US			0
84807100	Injection and compression moulds for the manufacture of semiconductor devices	6	0	2003		CA,JP,US			0
84807900	--Other	6.7	5	2002		CA,JP,US			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:								
84811000	-Pressure-reducing valves	10	5	2004		JP,US			0
	-Valves for oleohydraulic or pneumatic transmissions:								
84812010	---For oleohydraulic transmissions	10	5	2004		JP,US			0
84812020	----For pneumatic transmissions	10	5	2004		JP,US			0
84813000	-Check valves	10	5	2004		JP,US			0
84814000	-Safety or relief valves	10	5	2004		JP,US			0
	-Other appliances:								
	---Other valves:								
84818011	----Regulating valves	10.5	7	2003		AU,JP,US			0
84818019	----Other	10.5	7	2003		AU,JP,US			0
84818090	----Other	7.3	5	2002		AU,US			0
	-Parts:								
84819010	---Of valves	8				AU,JP,US			0
84819090	---Other	8				AU,US			0
8482	Ball or roller bearings:								
84821000	-Ball bearings	8				JP,US			0
84822000	-Tapered roller bearings, including cone and Tapered roller assemblies	8				JP,US			0
84823000	-Spherical roller bearings	8				JP,US			0
84824000	-Needle roller bearings	8				JP,US			0
84825000	-Other cylindrical roller bearings	8				JP,US			0
84828000	-Other, including combined ball/roller bearings	8				JP,US			0

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	Final Bound rate				GATT Schedule	Earlier INRs	
	-Parts:								
84829100	--Balls, needles and rollers	8				JP,US			0
84829900	--Other	6				JP,US			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								
	-Transmission shafts (including cam shafts and crank shafts) and cranks:								
84831010	---Transmission shafts for ships	6				JP,US			0
84831090	---Other	6				JP,US			0
84832000	-Bearing housings, incorporating ball or roller bearings	6				JP,US			0
84833000	-Bearing housings, not incorporating ball or roller bearings; plain shaft bearings	6				JP,US			0
	-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:								
84834010	---Roller screws	8				JP,US			0
84834020	---Planet decelerators	8				JP,US			0
84834090	---Other	8				JP,US			0
84835000	-Flywheels and pulleys, including pulley blocks	8				US			0
84836000	-Clutches and shaft couplings (including universal joints)	8				JP,US			0
84839000	-Parts	8				JP,US			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 packing; mechanical seats:								

HS	Description	Bound rate at		Implementation date	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	Final Bound rate				GATT Schedule	Earlier INRs	
84841000	-Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	8				JP,US			0
84842000	-Mechanical seals	8				AU,JP,US JP,US			0 0
84849000	-Other	8							
8485	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, not specified or included elsewhere in this Chapter:								
84851000	-Ships' or boats' propellers and blades therefor	6				JP,US			0
84859000	-Other	8				AU,JP,US			0
8501	Electric motors and generators (excluding generating sets):								
	-Motors of an output not exceeding 37.5W:								
85011010	---For use in toys	24.5				JP,KG,US			0
	---Other:								
85011091	---Micrometers with a housing diameter of 20mm or more but not exceeding 39mm	15.6	9	2004		JP,KG,US			0
85011099	---Other	12	9	2003		JP,KG,US JP,US			0 0
85012000	-Universal AC/DC motors of an output exceeding 37.5W	12							
	-Other DC motors; DC generators:								
85013100	--Of an output not exceeding 750W	12				JP,US			0
85013200	--Of an output exceeding 750W but not exceeding 75kW	12	10	2002		JP,LV,US			0
85013300	--Of an output exceeding 75kW but not exceeding 375kW	12.8	5	2004		US			0
85013400	--Of an output exceeding 375kW	14	12	2002		JP,US			0
85014000	-Other AC motors, single-phase:	12				JP,KG,US			0
	-Other AC motors, multi-phase:								
85015100	--Of an output not exceeding 750W	11.6	5	2004		JP,KG,US			0
85015200	--Of an output exceeding 750W but not exceeding 75kW	12	10	2002		AU,KG,US			0
85015300	--Of an output exceeding 75kW	14	12	2002		JP,KG,US			0
	-AC generators (alternators):								
85016100	--Of an output not exceeding 75kVA	11.6	5	2004		JP,LV,US			0

HS	Description	Bound rate at		Implementation	Present concession established	INR	Concession first incorporated in a		ODCs
		date of accession	Bound rate				GATT Schedule	Earlier INRs	
85016200	--Of an output exceeding 75kVA but not exceeding 375kVA	12				JP, US			0
85016300	--Of an output exceeding 375kVA but not exceeding 750kVA	14	12	2002		JP, US			0
85016410	--Of an output exceeding 750kVA:								
	----Of an output exceeding 750kVA but not exceeding 350MVA	14	10	2003		US			0
85016420	----Of an output exceeding 350MVA but not exceeding 665MVA	5.8				JP, US			0
85016430	----Of an output exceeding 665MVA	6				JP, US			0
8502	Electric generating sets and rotary converters:								
	-Generating sets with compression?ignition internal combustion piston engines (diesel or semi-diesel engines):								
85021100	--Of an output not exceeding 75 kVA	11.7	10	2002		JP, US			0
85021200	--Of an output exceeding 75 kVA but not exceeding 375 kVA	11.7	10	2002		AU, US			0
85021310	--Of an output exceeding 375 kVA:								
	----Of an output exceeding 375 kVA but not exceeding 2 MVA	11.7	10	2002		AU, US			0
85021320	----Of an output exceeding 2 MVA	11.7	10	2002		AU, US			0
85022000	-Generating sets with spark?ignition internal combustion piston engines	11.7	10	2002		JP, US			0
	-Other generating sets:								
85023100	--Wind-powered	8				US			0
85023900	--Other	12	10	2002		US			0
85024000	-Electric rotary converters	14	10	2003		JP, US			0
8503	Parts suitable for use solely or principally with the machines of heading No. 85.01 or 85.02:								
85030010	---Of the motors of subheading No.8501.1010 or 8501.1091	12				AU, JP, US			0
85030020	---Of the generators of subheading No. 8501.6420 or 8501.6430	3				AU, CA, US			0
85030030	---Of the generating sets of subheadingNo.85023100	3				CA, US			0
85030090	---Other	8				AU, CA, US			0