

1A0205

Nomenclature (1/8)

The nomenclature is divided into two sections:

PAGES 27-30

microtechnology subcontracting (stamping, bar turning, machining, tools and dies, etc.)

PAGES 31-34

production technology (machine construction, sales), industrial supplies and service providers (trading)

Microtechnology subcontracting

Precision engineering		# TOOLS AND DIES (STAMPING)		
	# KNOW-HOW	1A0305 1A0310	Progressive dies for stamping and cambering Progressive dies for deep drawing	
1A0005	High precision mechanical engineering	1A0315	Multi-slide tools	
1A0010	Micromechanical engineering Very high precision micromechanical	1A0320	Fine stamping tools	
1A0015		1A0325	Punching, notching tools	
17 (0010	, 3 1	1A0330	Second operation tools (stamping, bending,)	
engineering		1A0335	Multifunctional tools (stamping, bending,	
Stamping, cutting, forming, tools and dies			tapping, assembly, etc.)	
		1A0340	Compound dies	
	"	1A0345	Transfer dies	
	# STAMPED PARTS			
1A0105	Fine stampina	Injection	duplicate-moulding tools	

tine stamping <u>Injection, duplicate-moulding, tools</u> 1A0110 Water-jet cut parts 1A0115 Laser-cut parts # KNOW-HOW

1A0120 1A0125 1A0130 1A0135	Chemically cut parts Precision stamped parts Stamped and assembled parts Parts cut by wire EDM	1B0005 1B0010 1B0015	Small parts injection Precision injection Microinjection
1 1 01 10	Ctarran and boot are assessed as a re-		

IAU 140	Stampea, bent or camberea parts		# INJECTION
1A0145	Parts stamped on a single tool	1B0105	Ceramic parts injection
1A0150	Parts stamped on a punching machine	1B0103	Metal parts injection
1A0155	Stamped springs	1B0115	Plastic parts injection

FORMED PARTS # MOULDINGS AND DUPLICATE-MOULDINGS Precision tube bending

1B0205

Technical ceramic mouldings

1A0210	Microtubes	1B0210	Elastomer mouldings
1A0215	Composite parts	1B0215	Plastic mouldings
1A0220	Deep-drawn parts	1B0220	Metal and alloy mouldings
1A0225	Drawn parts	1B0225	Low-pressure plastic moulding
1A0230	Forged parts	1B0230	Two-component polymer and plastic
1A0235	Formed parts with treatment		mouldings
	or post-treatment	1B0235	Plastic duplicate-mouldings
1A0240	Parts formed on a single tool	1B0240	Thermoformed parts
440045			

1A0245 Parts formed on a bending press # TOOLS (MOULDS) Sintered parts 1A0250

1A0255	Hydroformed parts	1B0305	Duplicate-moulding mould
1A0260	Roll-formed parts	1B0310	Thermoplastic material mould
1A0265	Parts produced from multi-slide tools	1B0315	Metal injection mould
1A0270	Cold-formed springs	1B0320	Mould for high-speed prototyping

1B0325 Thermoforming mould 1A0275 Cold heading 1B0330 Prototype mould

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Nomenclature (2/8)

<u>Machini</u>	ng, micro-machining, bar turning	Treatme	ent and post-treatment
	# KNOW-HOW		# KNOW-HOW
1C0005	Precision bar turning	1D0005	Surface treatment
1C0010 1C0015	Micromachining	1D0010	Post-treatment
1C0015 1C0020	High precision micromachining Precision machining		# MATERIALS TREATMENT
100020	r recision machining	1D0105	Anodising
	# MACHINING	1D0103	Chrome-plating
1C0105	Sharpening	1D0115	Vacuum deposition
1C0110	Boring	1D0120	Dressing
1C0115	Deburring, polishing	1D0125	Electroplating
1C0120	Milling	1D0130	Etching
1C0125	Drilling, tapping	1D0135	3D etching
1C0130	Grinding	1D0140	Microsandblasting, sandblasting
1C0135	Slitting	1D0145	Painting
1C0140	Lapping	1D0150	Mechanical-chemical polishing
1C0145	Laser welding	1D0155	Polishing, lapping
1C0150 1C0155	Trimming Turning	1D0160 1D0165	Hard coating Screen-printing / Pad printing
1C0155	Chemical machining	1D0103 1D0170	Electrolytic processing
1C0165	Hard material machining	1D0175	Galvanic treatment
1C0170	Wire EDM	1D0180	Heat treatment
1C0175	Die sinking EDM	1D0185	Salt bath heat treatment
1C0180	Water-jet machining	1D0190	Heat-chemical treatment
1C0185	Laser machining		
1C0190	Very high speed machining	Packaai	ng, micro-connector technology,
1CO10E	Ultrasonic machining	<u> </u>	119/1111010 00111100001 10011110109//
1C0195	Oldasonic machining	interfac	ing, assembly, printed circuits
ICU 195	# MICROMACHINING	interfac	ing, assembly, printed circuits
	# MICROMACHINING		# KNOW-HOW
1C0205 1C0210	# MICROMACHINING Micromilling	1E0005	# KNOW-HOW Assembly of electronic components
1C0205	# MICROMACHINING	1E0005 1E0010	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology
1C0205 1C0210 1C0215 1C0220	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc. Ultrasonic micromachining	1E0005	#KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit
1C0205 1C0210 1C0215	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc.	1E0005 1E0010 1E0015	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing
1C0205 1C0210 1C0215 1C0220	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM)	1E0005 1E0010	#KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit
1C0205 1C0210 1C0215 1C0220 1C0225	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING	1E0005 1E0010 1E0015	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing
1C0205 1C0210 1C0215 1C0220	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon,	1E0005 1E0010 1E0015	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors:
1C0205 1C0210 1C0215 1C0220 1C0225	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc.	1E0005 1E0010 1E0015 1E0020	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards
1C0205 1C0210 1C0215 1C0220 1C0225 1C0305	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables
1C0205 1C0210 1C0215 1C0220 1C0225	# MICROMACHINING Micromilling Laser micromachining Jet micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc.	1E0005 1E0010 1E0015 1E0020	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards
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1C0205 1C0210 1C0215 1C0220 1C0225 1C0305 1C0310 1C0315 Additive	# MICROMACHINING Micromilling Laser micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching Micromanufacturing through LIGA technology	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110 1E0115	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables Microconnectors for specific PCBs
1C0205 1C0210 1C0215 1C0220 1C0225 1C0305 1C0310 1C0315 Additive	# MICROMACHINING Micromilling Laser micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching Micromanufacturing through LIGA technology manufacturing Ceramic part printing	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables Microconnectors for specific PCBs
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1C0205 1C0210 1C0215 1C0220 1C0225 1C0305 1C0310 1C0315 Additive	# MICROMACHINING Micromilling Laser micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching Micromanufacturing through LIGA technology manufacturing Ceramic part printing Metal part printing	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110 1E0115	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables Microconnectors for specific PCBs # INTERFACING Dedicated interfacing boards
1C0205 1C0210 1C0215 1C0220 1C0225 1C0305 1C0310 1C0315 Additive	# MICROMACHINING Micromilling Laser micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching Micromanufacturing through LIGA technology manufacturing Ceramic part printing Metal part printing Polymer part printing	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110 1E0115 1E0205	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables Microconnectors for specific PCBs # INTERFACING Dedicated interfacing boards # ASSEMBLY METHODS Bonding
1C0205 1C0210 1C0215 1C0220 1C0225 1C0305 1C0310 1C0315 Additive	# MICROMACHINING Micromilling Laser micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching Micromanufacturing through LIGA technology manufacturing Ceramic part printing Metal part printing Polymer part printing	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110 1E0115 1E0205 1E0305 1E0310	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables Microconnectors for specific PCBs # INTERFACING Dedicated interfacing boards # ASSEMBLY METHODS Bonding Sealing Welding of electronic components
1C0205 1C0210 1C0215 1C0220 1C0225 1C0305 1C0310 1C0315 Additive	# MICROMACHINING Micromilling Laser micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching Micromanufacturing through LIGA technology manufacturing Ceramic part printing Metal part printing Polymer part printing	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110 1E0115 1E0205 1E0305 1E0310 1E0315	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables Microconnectors for specific PCBs # INTERFACING Dedicated interfacing boards # ASSEMBLY METHODS Bonding Sealing Welding of electronic components # PRINTED CIRCUITS
1C0205 1C0210 1C0215 1C0220 1C0225 1C0305 1C0310 1C0315 Additive	# MICROMACHINING Micromilling Laser micromachining: water, sand, etc. Ultrasonic micromachining Precise Electrochemical Machining (PECM) # MICROMANUFACTURING Micromanufacturing through chemical, silicon, quartz etching, etc. Micromanufacturing through plasma etching Micromanufacturing through LIGA technology manufacturing Ceramic part printing Metal part printing Polymer part printing	1E0005 1E0010 1E0015 1E0020 1E0105 1E0110 1E0115 1E0205 1E0305 1E0310	# KNOW-HOW Assembly of electronic components Connector and/or microconnector technology Board and/or microelectronic circuit interfacing Microelectronics # MICROCONNECTORS Optical microconnectors: with cables and boards Microconnectors for cables Microconnectors for specific PCBs # INTERFACING Dedicated interfacing boards # ASSEMBLY METHODS Bonding Sealing Welding of electronic components

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Nomenclature (3/8)

MICROELECTRONIC HOUSINGS

1E0505	Ceramic housings for microelectronics	1H0205	Microsensors - smart sensors
1E0510	Metal housings for microelectronics	1H0305	Displacement, speed and position
1E0515	Plastic housings (resin, polymer, etc.)		microsensors
	for microelectronics	1H0310	Force, acceleration and pressure microsensors
		1H0315	Temperature, luminosity, hygrometry and
	# TESTS		calorimetry microsensors, etc.
1E0605	Integrated circuit and electronic component test	1H0320	Microsensors and integrated dedicated processing circuits

110005

Smart electronic and opto-electronic circuits

1F0005	Smart electronic and/or opto-electronic circuits
1F0105	Demand-function electronic cards and circuits
1F0110	Display control circuits
1F0115	Transmitter, receiver control circuits
1F0120	Printing control circuits
1F0125	Hybrid circuits
1F0130	Integrated circuits
1F0135	Laser diodes
1F0140	Opto-electronic and optomechanical
	interfacing
1F0145	Microlenses and components dedicated to
	specific applications

Circuit prototyping

1F0150

1G0005	Prototyping of actuators, sensors, dedicated displays
1G0010	Hybrid or integrated circuit prototyping
1G0015	Microsensor prototyping
1G0020	Optical and/or electronic microcircuit
	prototyping
1G0025	Subassembly prototyping
1G0030	Prototyping for the encapsulation of
	components and subassemblies

Multi-component modules

Microactuators, microsensors and microdisplays

MICROACTUATORS AND MICROMOTORS

1H0005	Microactuators
1H0110	Piezoelectric microactuators
1H0115	Microswitches
1H0120	Micromotors
1H0125	DC and AC micromotors
1H0130	Electrostatic micromotors
1H0135	Magnetic micromotors
1H0140	Step micromotors
1H0145	Piezoelectric micromotors

MICRODISPLAYS

MICROSENSORS

1H0405 Microdisplays

Robotics and automation (design, production)

110010	Automation - Safety
110015	Automated systems
110020	Assembly lines
110025	Production lines
110030	Transfer lines
110035	Microrobotics
110040	Feed and selection stations
110045	Continuous inspection stations
110050	Part sorting, automatic feed by bowl feeder
110055	Robotic integrator
110060	Robotic programming

production follow-up, control

Automation - Maintenance, monitoring,

<u>Design, development, and INTEGRATED</u> <u>production engineering of micromechanical and/or microelectronic modules and microsystems</u>

1J0005	Design, development and INTEGRATED
	production engineering of micromechanical
	modules and microsystems
1J0010	Design, development and INTEGRATED
	production engineering of microelectronic
	modules and microsystems

Consulting in design,

development and production engineering of micromechanical and/or microelectronic modules and microsystems

1K0005	Consulting in design, development and integrated production engineering of
	micromechanical modules and microsystems
1K0010	Consulting in design, development and
	integrated production engineering of
	microelectronic modules and microsystems

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Nomenclature (4/8)

Engineering, research and transfer of microtechnology

RESEARCH AND TRANSFER

1L0005 Research and transfer of microtechnology

in submillimetric expertise

1L0010 Research and transfer of microtechnology

in submicronic expertise

ENGINEERING

1L0105 Engineering: simulation

(mechanical, electronic)

1L0110 Engineering: methods 1L0115 Engineering R&D

<u>Metrology - measurement - inspection</u>

1M0005 1M0010 1M0015 1M0020	Design, manufacture of measuring instruments Certified metrology laboratories Certified testing laboratories Metrology laboratories
1M0025	Optical measurement
1M0030	Metrology, calibration services
1M0035	Metrology, (dimensional) calibration services
1M0040	Metrology, (electricity-magnetism)
	calibration services
1M0045 1M0050	Metrology, (temperature) calibration services Optical recognition (camera inspection)

Industrial services

1M0105	Consulting and expert assessment
1M0110	Quality, inspection
1M0115	Material testing
1M0120	Coating testing
1M0125	Wear and corrosion testing
1M0130	Mechanical tests (hardness, tensile strength,
etc.)	
1M0135	Non-destructive tests (ultrasound, X-rays, etc.)
1M0140	Production engineering (machinery)
1M0145	Data processing (software)
1M0150	Industrial maintenance
1M0155	Submicronic expertise services
1M0160	Submillimetric expertise services
1M0165	Patents, trademarks and licences

Nanotechnologies

1N0005 Equipment and processes for nanotechnology 1N0010 Nanoinstrumentation and nanometrology 1N0015 Nanomaterials and nanostructuring 1N0020 Micro- and nanocomponents

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—— Production technology, industrial supplies and service providers ———

Machines and equipment			# MACHINE TOOLS FOR SHEET METAL WORKING	
	# CONVENTIONAL MACHINE TOOLS WITH CUTTING TOOLS	2D0005 2D0010	Automatic sheet working lines Shearing lines (automatic and numerically	
2A0005	Turning centres (turning and milling)		controlled shearing)	
2A0010	Machining centres (with exchange of dies)	2D0015	Punching lines	
2A0015	Numerically controlled milling machines	2D0020	Sheet planishing machines	
2A0020	Knee and column milling machines	2D0025	Slitting machines	
	(horizontal or vertical)	2D0030	Numerically controlled punching machines	
2A0025	Copy milling machines	2D0035	High-speed presses	
2A0030	Tool milling machines	2D0040	Arch frame or column type presses	
2A0035	Tapping machines	2D0045	Open-front presses	
2A0040	PCB machining machines	2D0050	Drawing presses (hydraulic)	
2A0045	Drilling machines	2D0055	Drawing presses (mechanical)	
2A0050	Sawing machines	2D0060	Wire and strip bending presses	
2A0055	Numerically controlled milling machines	2D0065	Pneumatic and hydro-pneumatic presses	
2A0060	Turning lathes	2D0070	Punching units	
2A0065	Tool milling machines		# MACHINE TOOLS FOR INJECTION	
2A0070	Parallel turning and threading lathes	050005		
2A0075	Machining units (drilling, milling, trimming,	2E0005	Plastic injection presses	
2A0080	sawing)	2E0010	Injection presses for metals under pressure	
ZA0000	Gear hobbing machines	2E0015	Thermocompression presses	
	# CONVENTIONAL ABRASION	2E0020	Low-pressure injection systems	
	MACHINE TOOLS	2E0105	Accessories for injection machines	
2B0005	Drill bit grinding machines		# ADDITIVE MANUFACTURING EQUIPMENT	
2B0010	Milling tool grinding machines	2E0205	Polymer 3D printers	
2B0015	Lathe tool grinding machines	2E0210	Metal 3D printers	
2B0020	Universal grinding machines	2E0215	Multi-material 3D printers	
2B0025	Abrasion polishing and deburring machines	2E0220	Hybrid machines	
000070	(vibration tumbling)		(material removal and addition)	
2B0030	Abrasion polishing machines	2E0225	Accessories for additive manufacturing	
2B0035	Numerically controlled grinding machines			
2B0040	Cylindrical grinding machines		# SPECIAL MACHINES	
2B0045	Surface grinding machines		FOR AUTOMATION AND ASSEMBLY	
2B0050	Cylindrical lapping machines	2F0005	Special machines	
2B0055	Lapping machines	050405	for automation and assembly	
2B0060	Polishing machines	2F0105	Flexible assembly cells	
	# NON CONVENTIONAL METAL	2F0110	Wire-guided trucks	
	# NON-CONVENTIONAL METAL	2F0115	Conveyors	
2C0005	REMOVING MACHINES	2F0120	Gluing machines	
2C0005 2C0010	Laser marking machines	2F0125	Welding machines	
2C0010 2C0015	Etching machining machines Continuous laser machining machines	2F0130	Screwdriving machines	
2C0013	Pulse laser machining machines	2F0135	Assembly machines	
2C0020 2C0025	Wire EDM machines	2F0140	Automatic assembly machines	
2C0023 2C0030	EDM machines with tool magazines	2F0145	Assembly micromachines	
2C0030	Die sinking EDM machines			
2C0033	High precision abrasive waterjet			
2000-0	cutting machines			
	53.ta.i.g masimiss			

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Nomenclature (6/8)

2F0150	# ROBOTS, TRANSFERS Industrial robots	Trading	and industrial supplies
2F0150	Mobile robotics (AGVs)		# ACCESSORIES FOR TOOLS
2F0160	Cobots		(STAMPING/MOULDING)
2F0165	Spindles for robots	21/0005	·
2F0170	Free transfers	2K0005	Accessories for tools (stamping)
2F0175	Linear transfers	2K0010 2K0105	Accessories for tools (moulding)
2F0180	Rotary transfers	ZKU 105	Accessories for column type units: punches, dies, etc.
	,	2K0110	Units with plain columns and plates
	# MEASURING AND INSPECTING MACHINES,	2K0110	Standard components for moulds
	INSTRUMENTS AND EQUIPMENT	2K0113	Standard components Standard components
2G0005	Measuring and inspecting machines,	21(0120	for stamping/forming tools
	instruments and equipment	2K0125	SMED systems
2G0105	Optical alignment	2K0130	Tool measuring and counting systems
2G0110	Temperature measurement equipment	2K0135	Guiding systems for tools and moulds
2G0115	Dimensional metrology equipment	2K0140	Tapping units
2G0120	Electrical / electronic / magnetic metrology	2K0145	Automatic insertion and/or crimping units
	equipment	2K0150	Cylinders, springs
2G0125	Testing systems		, , , ,
2G0130	Dimension visualisation equipment		# COMPONENTS AND MODULES
2G0135	Three-dimensional measuring machines		- Micromechanical components and modules -
2G0140	Non-destructive testing machines	2L0005	Micromechanical components and modules
	and equipment	2L0105	Clamping units
2G0145	Profile projectors and optical	2L0110	Standard components (screws, pins, etc.)
	measuring machines	2L0115	Counting systems
	#	2L0120	Special screwing systems
	# MATERIALS TREATMENT EQUIPMENT	2L0125	Guiding elements
2H0005	Thermo-chemical treatment	2L0130	Fasteners and Fastone
	machines and equipment (ovens)	2L0135	Programmers
2H0010	Surface treatment machines	2L0140	Springs
210005	Electrolysis baths	2L0145	Bearings
210010	Cleaning machines (pickling, degreasing)		M. 1
210015	Plasma cleaning	01.0005	- Microelectronic components and modules -
210020 210025	Dust removal - antistatic	2L0205	Microelectronic components and modules
210025	Ultrasonic cleaning	2L0305	Electronic actuators
	# OTHER FOLIDMENT	2L0310	Electronic sensors
0.10005	# OTHER EQUIPMENT	2L0315	Printed Circuits
2J0005	Soundproofing booths and equipment	2L0320 2L0325	Electronic connectors
2J0010	Air compressors	2L0325 2L0330	Brazing/soldering equipment Micromotors
2J0015	Equipment for workstation environment	2L0335	Microswitches
2J0020	Equipment for the environment and water	2L0333	Monitors
2 10025	treatment	2L0340 2L0345	Electrical motors
2J0025 2J0030	Centrifuges for parts, chips, stamping liquid	2L0343	Relays
20000	Machines and materials for packing and packaging	2L0355	Electric sequencers
2J0035	Induction heating machine or equipment	22000	Licetile sequencers
200000	madetion heating machine or equipment		

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Nomenclature (7/8)

	- Optical components and modules -		- Tooling -
2L0405	Optical components and modules	2M0305	Cutting tools
2L0505	Optical actuators	2M0405	Diamond files
2L0510	Optical displays	2M0410	Grinding instruments and abrasive bands
2L0515	Optical benches	2M0415	Boring tools
2L0520	Optical sensors, receivers, transmitters	2M0420	Threading tools
2L0525	Encoders	2M0425	Milling tools
2L0530	Optical fibres	2M0430	Drilling tools
2L0535	Lasers	2M0435	Sawing tools
2L0540	Lenses	2M0440	Trimming tools
		2M0445	Turning tools
	- Pneumatic and hydraulic	2M0450	High-speed machining tools
	components and modules -	2M0455	Plastic packaging for cutting tools or
2L0605	Pneumatic and hydraulic		mechanical parts
	components and modules		·
2L0705	Actuators		- EDM accessories -
2L0710	Connectors, unions	2M0505	EDM tools
2L0715	Valves	2M0605	Electrodes (for EDM)
2L0720	Filters	2M0610	Wires (for EDM)
2L0725	Motors	2M0615	Parts supports (for EDM)
2L0730	Sequencers	2M0620	Electrode holding systems (for EDM)
2L0735	Tubes and other accessories	2M0625	Parts transfer systems (for EDM)
2L0740	Cylinders	21 10020	Tarts transfer systems (for EBT)
220740	Cymracrs		# ROBOTICS AND AUTOMATION PERIPHERALS
	# EQUIPMENT AND TOOLING	2M0705	Robot accessories
	- Machines accessories -	2M0710	Accessories for industrial data processing
2M0005	Machine accessories	2M0715	Driving and transfer modules
2M0105	Automatic feed systems,	2M0720	Computers, calculators and PLCs
21 10 100	distributors for presses and shears	2110720	Computers, calculators and 1 LCs
2M0110	Vibration absorbers	Martarial	a mud a anti sua ulcad mua disata
2M0115	Gas cleaning equipment / wet vacuum	<u> Materiai</u>	s and semi-worked products
21 10 113	cleaners	201000	la divetal al alive e
2M0120	Automatic loading and unloading arms	2N0005	Industrial glues
2M0125	Automatic loaders, vibration systems	2N0010	Mouldings, castings, sinterings
2M0130	Decoilers for wires and strips	2N0015	Composite materials
2M0135	Single and multiple-spindle tapping systems	2N0020	Consumable materials
2M0140	Feeding and ejection systems		(lubricants, stamping fluid, treatment
2M0145	Greasing and lubrication systems	2010005	chemicals, etc.)
2M0150	Protective and safety systems	2N0025	Low pressure plastics, bi-components
2M0155	Grinding systems	2N0030	Raw materials and semi-worked products
2M0160	Volumetric metering systems	2010075	for stamping and drawing applications
2M0165	Winding, unwinding, straightening equipment	2N0035	Raw materials and semi-worked products
2M0170	Numerical control equipment	2010040	for plastics technology applications
2M0175	Vices	2N0040	Nanomaterials / nanopowders
2M0180	Miscellaneous expansion mandrels	2N0045	Paints
2M0185	Machining assemblies and templates	2N0050	Technical adhesives
2M0190	Clamps	2N0055	Raw materials (others)
2M0195	Pneumatic circular tables	2N0060	Technical ceramics
2M0200			
2M0205	Dividing tables, indexing tables lcing plates		
2M0203	Magnetic tables		
2M0215	Points		
2M0213 2M0220	Tool holders		
2M0225	Boring, grinding, surfacing heads		
2M0235 2M0230			
2M0230 2M0235	Drawing and stamping transfer systems Part sorting with bowl feeders		
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Nomenclature (8/8)

Services to industry

2P0005	Audit, expertise, consulting
2P0010	Communication, marketing
2P0015	Machine diagnostics - vibratory analyses
2P0020	Banking and financial institutions
2P0025	Training
2P0030	Quality / certification
2P0035	Human resources
	(employment, recruitment, coaching, etc.)
2P0040	Strategy, development, organisation
2P0045	3D printing

Organisations

2R0005	Public administration and authorities
2R0010	Technology transfer centre
2R0015	Engineering college
2R0020	Business incubator
2R0025	Continuing education institute
2R0030	Research institute
2R0035	Research laboratory
2R0040	Technical high school
2R0045	Industry or consular organisation
2R0050	Competitiveness cluster
2R0055	Business and trade press
2R0060	Business promotion
2R0065	University

Miscellaneous

2S0005	Clothes / Accessories for clean rooms
	and other
2S0010	Furniture and industrial workstations

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