

LIST OF PRODUCTS

RAW MATERIALS AND MATERIALS FOR THE PRODUCTION OF STAINLESS STEELS

- 1.1 Blast furnace pig iron
- 1.2 Scrap
- 1.3 Alloying material, ferroalloys

STAINLESS STEELS

- 2.1 Stainless steels under EN 10027-2 standard
 - 2.1.1 EN 1.40xx
 - 2.1.2 EN 1.41xx
 - 2.1.3 EN 1.43xx
 - 2.1.4 EN 1.44xx
 - 2.1.5 EN 1.45xx
 - 2.1.6 EN 1.46xx
- 2.2 Ferritic steels
 - 2.2.1 SAE type 400 ferritic
 - 2.2.2 Superferritic steels
- 2.3 Martensitic and hardenable steels
 - 2.3.1 SAE type 400 martensitic
 - 2.3.2 Precipitation hardening martensitic steels
 - 2.3.3 Supermartensitic stainless steels
- 2.4 Austenitic steels
 - 2.4.1 SAE type 100, 200, 300
 - 2.4.2 Precipitation hardening austenitic steels
 - 2.4.3 Superaustenitic stainless steels
- 2.5 Duplex (austenitic-ferritic) steels
 - 2.5.1 Superduplex stainless steels
- 2.6 Heat resistant steels
 - 2.6.1 EN 1.47xx
 - 2.6.2 EN 1.48xx
 - 2.6.3 Ferritic heat resisting steels
 - 2.6.3.1 SAE type 500
 - 2.6.4 Austenitic and austenitic-ferritic heat resistant steels
- 2.7 Creep-resistant steels
 - 2.7.1.1 EN 1.49xx
 - 2.7.2 Martensitic creep resistant steels
 - 2.7.4 SAE type 600 martensitic and PH
 - 2.7.5 Austenitic creep resistant steels
 - 2.7.6 SAE type 600 austenitic
- 2.8 Special stainless steels
 - 2.8.1 Maraging, TRIP steels
- 2.9 Weldable, stabilised stainless steels
- 2.10 Stainless steels for castings
- 2.11 Special alloys, superalloys
 - 2.11.1 Nickel superalloys
 - 2.11.2 Cobalt superalloys
 - 2.11.3 Titanium, titanium alloys
 - 2.11.4 Tantalum, zirconium and other special alloys
- 2.12 Powder metallurgy materials, ODS steels

STAINLESS STEEL METALLURGICAL SEMI-PRODUCTS

- 3.1 Ingots, continuous casts
- 3.2 Blooms, billets, slabs

STAINLESS STEEL METALLURGICAL PRODUCTS

- 4.1 Flat products
 - 4.1.1 Hot rolled flat products – sheets, strips
 - 4.1.2 Cold rolled flat products – sheets, strips
 - 4.1.3 Formed sheets
 - 4.1.4 Built-up flat products – sheets, strips, boards
 - 4.1.99 Flat products, other
- 4.2 Long products
 - 4.2.1 Wires
 - 4.2.1.1 Hot rolled wires
 - 4.2.1.2 Cold drawn wires
 - 4.2.2 Simple section hot formed bars – solid and cored
 - 4.2.3 Drawn, peeled, ground bars
 - 4.2.4 Long products with ribs or ribs
 - 4.2.5 Profile section hot rolled bars
 - 4.2.6 Profiles – welded, cold formed, thin walled
 - 4.2.7 Pipes (tubular section) – seamless and welded
 - 4.2.99 Long products, other
- 4.3 Products of specific form
 - 4.3.1 Sheet formed bottoms
- 4.4 Cladded products, cladding
- 4.98 Special stainless steel metallurgical products made to order
- 4.99 Stainless steel metallurgical products, other

STAINLESS STEELS PRODUCTS OF FOUNDRIES, FORGING AND PRESSING SHOPS

- 5.1 Stainless steel castings
 - 5.1.1 Precision casting from stainless steels
 - 5.1.2 Austenitic stainless steel castings
 - 5.1.3 Ferritic stainless steels castings
 - 5.1.4 Duplex stainless steels castings
- 5.2 Stainless steel forgings
 - 5.2.1 Stainless steel die forgings
 - 5.2.2 Stainless steel open-die forgings
- 5.3 Stainless steel mouldings
- 5.4 Stainless steel extrusions

STAINLESS STEEL PRODUCTS

- 6.1 Bearings, and parts thereof
- 6.2 Gear wheels
- 6.3 Springs and flexible elements
- 6.4 Seals, bellows
- 6.5 Conveyor technique belts, chains, screws

6.6	Filters, sieves
6.7	Hoses, fittings, quick couplings, flanges, pneumatic
6.8	Travelling wheels, pulleys, head pulleys
6.9	Assembly elements
6.9.1	Joining, fixing elements, fasteners
6.10	Large volume tanks, cisterns, silos, containers
6.11	Vessels, barrels, cans, containers
6.12	Ropes, cords, straps
6.13	Bended wire products, chains
6.14	Building elements and structures, concrete reinforcements
6.14.1	Columns, beams, architectonic and construction systems
6.14.2	Anchoring systems
6.14.3	Modular construction units for ventilation devices and systems
6.15	Sewerage segments and systems
6.16	Cable protection troughs
6.17	Construction elements for water treatment plants
6.18	Sanitary engineering
6.19	Drinking water pipes
6.20	Equipment for waste depot and removal
6.21	Product pipelines
6.22	Medical instruments and products
6.23	Laboratory instruments and equipment
6.99	Stainless steel products, other

MACHINES AND EQUIPMENT FOR STAINLESS STEEL TREATMENT AND PROCESSING

7.1	Machines and equipment for welding, cutting and brazing
7.1.1	Gas welding and brazing
7.1.2	Arc welding
7.1.3	Plasma cutting and welding
7.1.4	Electron beam and laser welding and cutting
7.1.5	Consumable materials for welding, cutting and soldering
7.1.6	Machines and equipment for waterjet cutting
7.2	Machines and equipment for metal cutting (cutting, turning, milling, boring)
7.2.1	Tools and consumable materials for metal cutting
7.2.2	Monolithic steel tools
7.2.3	Monolithic carbide tools
7.2.4	Exchangable inserts for tooling systems
7.2.5	Holders for exchangable inserts
7.3	Forming machines and equipment
7.3.1	Tools and auxiliary materials for forming
7.4	Hand tools for stainless steel working
7.5	Furnaces and accessories thereof for heat processing and treatment (hardening, annealing)
7.5.1	Accessory and auxiliary materials for heat processing and treatment
7.6	Machines and equipment for surface cleaning and finish
7.6.1	Degreasing and cleaning devices
7.6.1.1	Cleaning and degreasing agents
7.6.2	Blasting machines
7.6.2.1	Abrasives for blasting machines
7.6.3	Brushing machines and accessories thereof
7.6.4	Pickling and passivation equipment

7.6.4.1	Picking baths, pastes, gels
7.6.5	Grinding and polishing equipment, accessories thereof
7.6.5.1	Equipment and accessories for electrolytic surface polishing
7.7	Paints suitable for stainless steels
7.8	Equipment and accessories for scrap processing and waste disposal
7.9	Protection and safety means and aids
7.10	Technical gases
7.99	Machines and equipment for stainless steel treatment and processing, other

COMPUTERS, TESTING AND MEASURING INSTRUMENTS FOR STAINLESS STEELS

8.1	Systems for production plant management, design and planning
8.2	Equipment and systems for the measurement of technological quantities
8.3	Equipment for mechanical tests
8.4	Instruments and equipment for the examination of material microstructure
8.5	Instruments and equipment for chemical analysis
8.6	Instruments and equipment for non-destructive testing
8.99	Computers, testing and measuring instruments for stainless steels, other

STAINLESS STEEL RESEARCH, SERVICES, AND INSTITUTIONS

9.1	Research in the area of metallurgy and stainless steel processing
9.3	Consulting, engineering and design services in the area of stainless steel application and processing
9.3.1	Corrosion testing
9.4	Servicing and repairs of stainless steel processing machines
9.5	Refurbished stainless steel processing machines
9.6	Manufacture of prototype and special-purpose stainless steel processing equipment
9.9	Stainless steel processing technologies
9.10	Publishing houses, specialised literature, printing in the area of stainless steel
9.11	Institutions and organisations involved in stainless steel
9.12	Specialised courses and training in the area of stainless steel
9.2	Made-to-order stainless steel processing
9.2.1	Made-to-order separating, cutting (shears, saws, laser, plasma, water jet)
9.2.2	Made-to-order welding, soldering
9.2.3	Made-to-order forming
9.2.4	Made-to-order metal cutting (turning, milling, boring)
9.2.5	Made-to-order heat treatment
9.2.6	Made-to-order surface finish
9.2.7	Made-to-order production of parts
9.2.99	Made-to-order stainless steel processing, other
9.99	Stainless steel research, services, and institutions, other