

International Stainless Steel Fair

RAW MATERIALS AND MATERIALS FOR THE PRODUCTION

May 10-11, 2023 Brno, Czech Republic

STAINLESS STEEL METALLURGICAL SEMI-PRODUCTS

www.bvv.cz/en/stainless

LIST OF PRODUCTS

OF STAINL	ESS STEELS	3.1	Ingots, continuous casts
1.1	Blast furnace pig iron	3.2	Blooms, billets, slabs
1.2	Scrap		
1.3	Alloying material, ferroalloys		
			SS STEEL METALLURGICAL PRODUCTS
		4.1	Flat products
STAINLES		4.1.1	Hot rolled flat products – sheets, strips
2.1	Stainless steels under EN 10027-2 standard	4.1.2	Cold rolled flat products – sheets, strips
2.1.1	EN 1.40xx	4.1.3	Formed sheets
2.1.2	EN 1.41xx	4.1.4	Built-up flat products – sheets, strips, boards
2.1.3	EN 1.43xx	4.1.99	Flat products, other
2.1.4	EN 1.44xx	4.2	Long products
2.1.5	EN 1.45xx	4.2.1	Wires
2.1.6	EN 1.46xx	4.2.1.1	Hot rolled wires
2.2	Ferritic steels	4.2.1.2	Cold drawn wires
2.2.1	SAE type 400 ferritic	4.2.2	Simple section hot formed bars – solid and cored
2.2.2	Superferritic steels	4.2.3	Drawn, peeled, ground bars
2.3	Martensitic and hardenable steels	4.2.4	Long products with nibs or ribs
2.3.1	SAE type 400 martensit	4.2.5	Profile section hot rolled bars
2.3.2	Precipitation hardening martensitic steels	4.2.6	Profiles – welded, cold formed, thin walled
2.3.3	Supermartenzitic stainless steels	4.2.7	Pipes (tubular section) – seamless and welded
2.4	Austenitic steels	4.2.99	Long products, other
2.4.1	SAE type 100, 200, 300	4.3	Products of specific form
2.4.2	Precipitation hardening austenitic steels	4.3.1	Sheet formed bottoms
2.4.3	Superaustenitic stainless steels	4.4	Cladded products, cladding
2.5	Duplex (austenitic-ferritic) steels	4.98	Special stainless steel metallurgical products
2.5.1	Superduplex stainless steels		made to order
2.6	Heat resistant steels	4.99	Stainless steel metallurgical products, other
2.6.1	EN 1.47xx		. ,
2.6.2	EN 1.48xx		
2.6.3	Ferritic heat resisting steels		SS STEELS PRODUCTS OF FOUNDRIES,
2.6.3.1	SAE type 500		AND PRESSING SHOPS
2.6.4	Austenitic and austenitic-ferritic heat resistant steels	5.1	Stainless steel castings
2.7	Creep-resistant steels	5.1.1	Precision casting from stainless steels
2.7.1.1	EN 1.49xx	5.1.2	Austenitic stainless steel castings
2.7.2	Martensitic creep resistant steels	5.1.3	Ferritic stainless steels castings
2.7.4	SAE type 600 martensitic and PH	5.1.4	Duplex stainless steels castings
2.7.5	Austenitic screep resistant steels	5.2	Stainless steel forgings
2.7.6	SAE type 600 austenitic	5.2.1	Stainless steel die forgings
2.8	Special stainless steels	5.2.2	Stainless steel open-die forgings
2.8.1	Maraging, TRIP steels	5.3	Stainless steel mouldings
2.9	Weldable, stabilised stainless steels	5.4	Stainless steel extrusions
2.10	Stainless steels for castings		
2.11	Special alloys, superalloys		
2.11.1	Nickel superalloys		SS STEEL PRODUCTS
2.11.1	Cobalt superalloys	6.1	Bearings, and parts thereof
2.11.3	Titanium, titanium alloys	6.2	Gear wheels
2.11.4	Tantallum, zirconium and other special alloys	6.3	Springs and flexible elements
2.11.4 2.12	Powder metallurgy materials, ODS steels	6.4	Seals, bellows
£:1£	i ottaoi inclanary materials, obs steels	6.5	Conveyor technique helts, chains, screws

6.6	Filters, sieves	7.6.4.1	Picking baths, pastes, gels
6.7	Hoses, fittings, quick couplings, flanges,	7.6.5	Grinding and polishing equipment, accessories thereof
011	pneumatic	7.6.5.1	Equipment and accessories for electrolytic surface
6.8	Travelling wheels, pulleys, head pulleys	7.0.0.1	polishing
6.9	Assembly elements	7.7	Paints suitable for stainless steels
		7.7 7.8	
6.9.1	Joining, fixing elements, fasteners	1.0	Equipment and accessories for scrap processing
6.10	Large volume tanks, cisterns, silos, containers		and waste disposal
6.11	Vessels, barrels, cans, containers	7.9	Protection and safety means and aids
6.12	Ropes, cords, straps	7.10	Technical gases
6.13	Bended wire products, chains	7.99	Machines and equipment for stainless steel
6.14	Building elements and structures, concrete		treatment and processing, other
	reinforcements		
6.14.1	Columns, beams, architectonic and construction		
	systems		ERS, TESTING AND MEASURING INSTRUMENTS
6.14.2	Anchoring systems	FOR STA	INLESS STEELS
6.14.3	Modular construction units for ventilation devices	8.1	Systems for production plant management,
011 110	and systems		design and planning
6.15	Sewerage segments and systems	8.2	Equipment and systems for the measurement
6.16	Cable protection troughs		of technological quantities
		8.3	Equipment for mechanical tests
6.17	Construction elements for water treatment plants	8.4	Instruments and equipment for the examination
6.18	Sanitary engineering	0.4	of material microstructure
6.19	Drinking water pipes	8.5	Instruments and equipment for chemical analysis
6.20	Equipment for waste depot and removal		
6.21	Product pipelines	8.6	Instruments and equipment for non-destructive
6.22	Medical instruments and products		testing
6.23	Laboratory instruments and equipment	8.99	Computers, testing and measuring instruments
6.99	Stainless steel products, other		for stainless steels, other
		CTAINI E	SS STEEL RESEARCH, SERVICES, AND INSTITUTIONS
	S AND EQUIPMENT FOR STAINLESS STEEL		
TREATME	NT AND PROCESSING	9.1	Research in the area of metallurgy and stainless
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7.1	Machines and equipment for welding, cutting	0.0	steel processing
7.1	Machines and equipment for welding, cutting and brazing	9.3	Consulting, engineering and design services
7.1 7.1.1			Consulting, engineering and design services in the area of stainless steel application and processing
	and brazing Gas welding and brazing	9.3.1	Consulting, engineering and design services in the area of stainless steel application and processing Corrosion testing
7.1.1 7.1.2	and brazing Gas welding and brazing Arc welding		Consulting, engineering and design services in the area of stainless steel application and processing Corrosion testing Servicing and repairs of stainless steel
7.1.1 7.1.2 7.1.3	and brazing Gas welding and brazing Arc welding Plasma cutting and welding	9.3.1	Consulting, engineering and design services in the area of stainless steel application and processing Corrosion testing
7.1.1 7.1.2 7.1.3 7.1.4	and brazing Gas welding and brazing Arc welding Plasma cutting and welding Electron beam and laser welding and cutting	9.3.1	Consulting, engineering and design services in the area of stainless steel application and processing Corrosion testing Servicing and repairs of stainless steel
7.1.1 7.1.2 7.1.3	and brazing Gas welding and brazing Arc welding Plasma cutting and welding Electron beam and laser welding and cutting Consumable materials for welding, cutting	9.3.1 9.4	Consulting, engineering and design services in the area of stainless steel application and processing Corrosion testing Servicing and repairs of stainless steel processing machines
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5	and brazing Gas welding and brazing Arc welding Plasma cutting and welding Electron beam and laser welding and cutting Consumable materials for welding, cutting and soldering	9.3.1 9.4 9.5	Consulting, engineering and design services in the area of stainless steel application and processing Corrosion testing Servicing and repairs of stainless steel processing machines Refurbished stainless steel processing machines
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5	and brazing Gas welding and brazing Arc welding Plasma cutting and welding Electron beam and laser welding and cutting Consumable materials for welding, cutting and soldering Machines and equipment for waterjet cutting	9.3.1 9.4 9.5 9.6	Consulting, engineering and design services in the area of stainless steel application and processing Corrosion testing Servicing and repairs of stainless steel processing machines Refurbished stainless steel processing machines Manufacture of prototype and special-purpose stainless steel processing equipment
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