

DNEPROSPETSSTAL



Chairman of the Board
PrJSC «DNEPROSPETSSTAL»
Sergey Kiyko

Esteemed business partners, dear friends!

We are pleased to introduce you to our production of special and alloyed steel in a wide range of brands, which comply with the standards requested by the most advanced technological processes and fields of application.

I wish you all the best hoping in a fruitful cooperation.

Sergey Kiyko

LIST OF CONTENT

Company Presentation 4

- Mission Statement
- Our History

Quality Policy 6

- Quality Management System
- Certificates by Product Types

Manufacturing Process and Manufacturing Facilities 7

- Production Chart
- Steelmaking
- Steel Processing

Brief Product Catalogue 10

- Grade Range
- Product Range

Contact Details 18



MISSION STATEMENT

Using the state-of-the-art technologies Dneprospetsstal manufactures and sells high-quality products of special steels and alloys, does its business for the benefit of shareholders, partners and co-workers.

PJSC „Dneprospetsstal" is a key manufacturer of special stainless steels in the CIS market and an undisputed Ukrainian leader in this market segment.

Dneprospetsstal, as the largest international company, develops, manufactures and sells metal products of stainless, tool, high-speed (including those produced by the PM-method), bearing, structural, alloyed and carbon steel grades.

The technologies applied at DSS enable to produce high-quality materials used in a variety of industries, i.e. engineering, shipbuilding, automotive, aerospace, power generation, oil and gas, heavy equipment manufacturing.

Our metal is used to produce parts for vehicles and machinery, seamless tubes and bearings, tools for further processing of metals and alloys.

The geographical location of the company provides a significant advantage in entering the markets of the CIS and the EU. The products of Dneprospetsstal are in demand in more than 60 countries. Maintaining its leading position in the national market, DSS expands its presence in the CIS, Europe, America and Asia, working with partners and distributors in 15 countries.



OUR HISTORY

Each year, since the date of DSS foundation, has been marked with the events significant not only for PJSC „Dneprospetsstal", but for the whole metallurgical industry as well.

1932 the first heat - DSS Foundation Day
1933 bearing steel production was set up
1934 production of stainless acid-resisting chromium-nickel steel was mastered
1941 the works evacuation to Siberia in a period of the World War II
1945-1953 the works' performance restoration after the World War II
1948 the first post-war heat
1955 ladle degassing was practised for the first time ever in the USSR
1956 heat-resistant alloys production was set up
1957 cold-drawn steel production was mastered
1958 electric-slag remelting process was set up for the first time ever in the world
1959 steel and alloy melting in the vacuum-arc furnaces was mastered for the first time ever in the USSR
1966 the biggest in Europe, at that time, specialized shop for ESR and VAR ingots melting was built
1972 manufacture of large capacity forgings in the forge-press shop was mastered
1980 manufacture of tool and high-speed steel using PM-method was mastered for the first time in the USSR
1987 gas-oxygen refining process was implemented for the first time in the USSR
1996 Danieli ladle-furnace was put into operation, and a modern technology of structural and bearing steel manufacture was set up using this Italian unit
1996 quality system according to ISO 9002:1994 was implemented and certified
1998 Mannesmann-Demag vacuum degasser was put into operation, and a Secondary metallurgy technology was set up using this German equipment
2002 metal surface finishing shop was put into operation
2002 quality system according to ISO 9001:2000 was implemented and certified
2003 ladle-furnace was put into operation in the Steel melting shop No.2, and resource saving technology of corrosion-resistant steel production was implemented using this unit
2006 drop-hammer plant was equipped with a scrap shear press unit
2007 slag processing shop was built
2008 quality system according to ISO 9001:2008 was implemented and certified
2009 Loeser RPS 377 line for 120-280 rolled stock finishing was put into operation at the finishing roll line area of the rolling mill
2012 CVS Makina's 1200 thousand cubic meters/hour Gas Treatment Station was put into operation in the Steel melting shop No.3
2012 ferromolybdenum manufacture area was put into operation in the Steel melting shop No.2



QUALITY POLICY

QUALITY MANAGEMENT SYSTEM

The contemporary market features the customer, first of all, who wishes to buy high-quality and cost-efficient products. An ability of meeting these requirements - is an assurance of the company's high competitiveness. So, the top targets of the company are the manufacture of high-quality products and the maximum satisfaction of the customers' needs.

The company has developed, implemented and certified the Quality Management System (QMS) according to ISO 9001:2008 in order to meet these objectives.

The System is aimed at improving the company's activities with quality as its priority in all departments at every production stage, distinct allocation of duties, and control of quality and efficiency of personnel training. The successful performance of QMS at Dneprospetsstal is confirmed by annual compliance audits, conducted by „TUV" Technical Supervisory Society.

Our products quality conform to the requirements of the national and international standards among which are GOST (CIS), ASTM, AISI (USA), EN (EU), DIN (Germany), BS (Great Britain), AFNOR (France), JIS (Japan). Besides, the company has developed its own technical delivery terms, which are harmonized with the above mentioned standards for manufacturing stainless, bearing, tool and structural steels.

Quality of the delivered products is monitored by SGS Society, which is a world leader in the area of providing the independent examinations, tests and certification.

CERTIFICATES BY PRODUCT TYPES

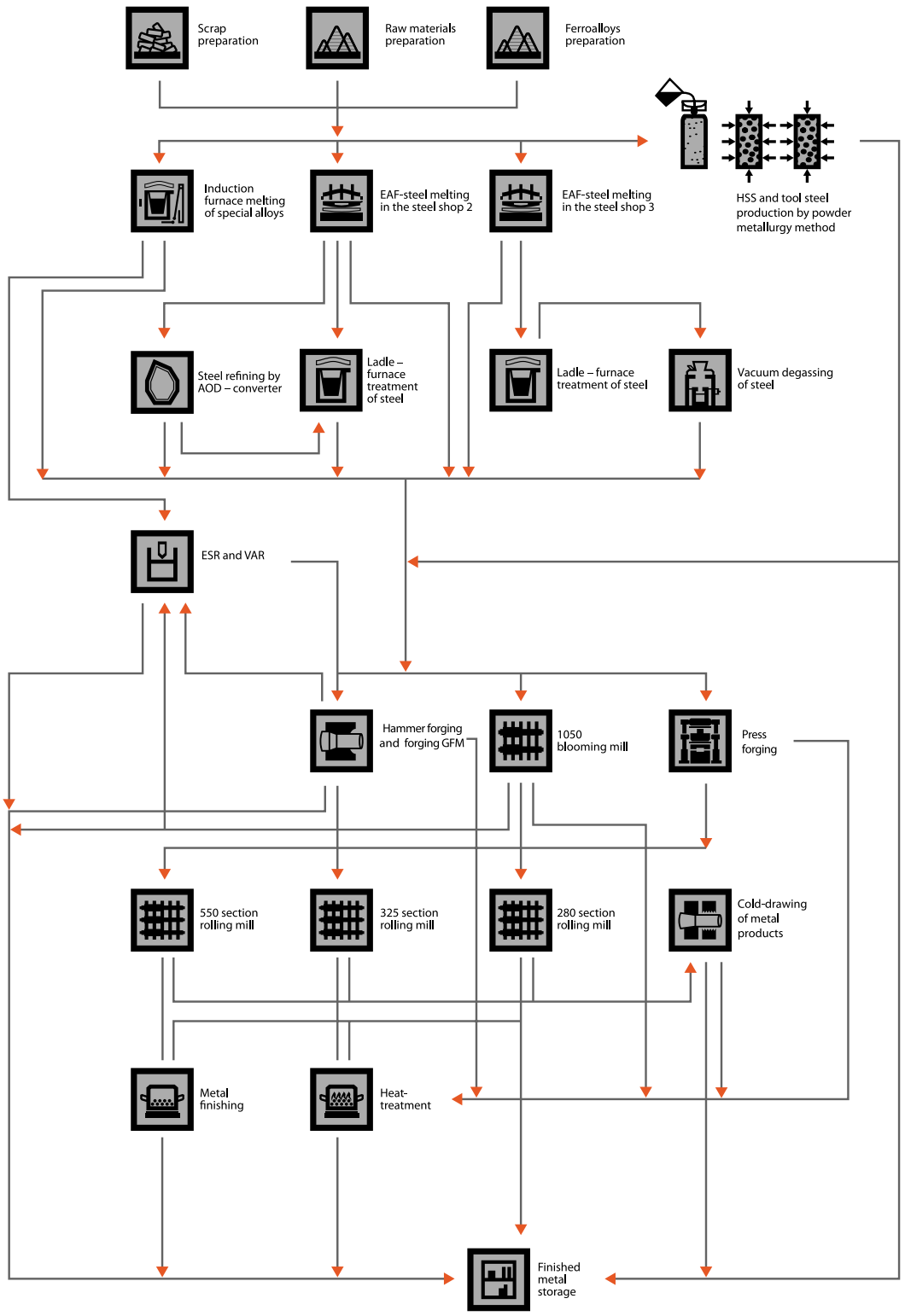
- Pressure Vessels:
  - AD 2000 Merkblatt W0/TRD100
  - DGRL 97/23/EG
- Construction Industry:
  - CPR 305/2011 EU
- Shipbuilding Industry:
  - Lloyd's Register
  - Germanischer Lloyd
  - Det Norske Veritas
  - Russian Maritime Register of Shipping
- Aircraft Industry:
  - Aviation Register of Interstate Aviation Committee (Russian Federation)
- Railway Machinery:
  - Register Certification of Railways Federation Agency (Russian Federation)
- Nuclear Industry:
  - National Nuclear Energy Company „Energoatom" (Ukraine)



Dneprospetsstal manufactures over 800 steel grades of 1200 section sizes. The company is constantly developing the industrial facilities and new technologies, installing advanced equipment, which enables to produce high-quality products.

PRODUCTION CHART

Production chart comprises the best combination of various processes, which allows obtaining quality products with properties according to the individual orders of our customers.



STEELMAKING

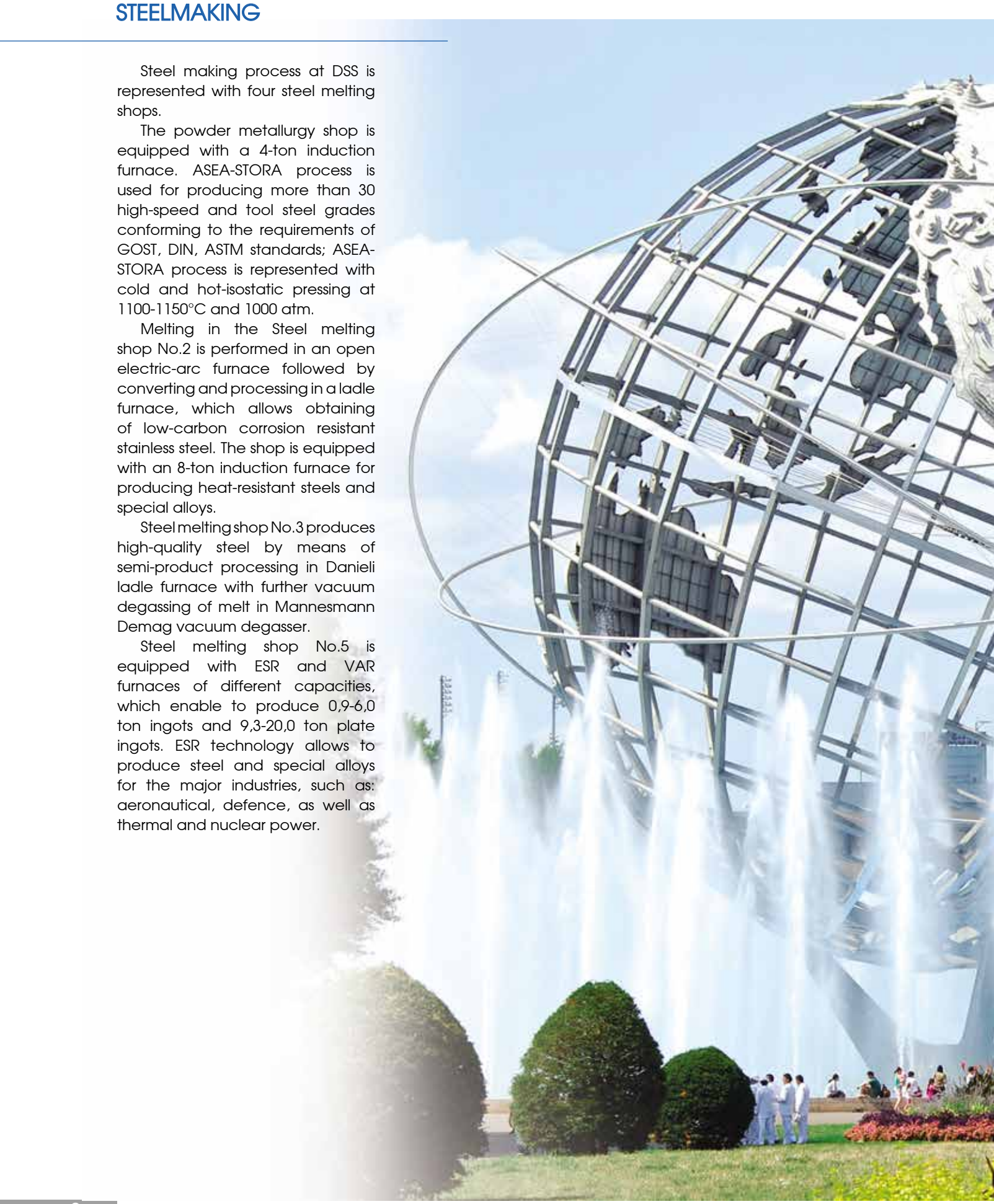
Steel making process at DSS is represented with four steel melting shops.

The powder metallurgy shop is equipped with a 4-ton induction furnace. ASEA-STORA process is used for producing more than 30 high-speed and tool steel grades conforming to the requirements of GOST, DIN, ASTM standards; ASEA-STORA process is represented with cold and hot-isostatic pressing at 1100-1150°C and 1000 atm.

Melting in the Steel melting shop No.2 is performed in an open electric-arc furnace followed by converting and processing in a ladle furnace, which allows obtaining of low-carbon corrosion resistant stainless steel. The shop is equipped with an 8-ton induction furnace for producing heat-resistant steels and special alloys.

Steel melting shop No.3 produces high-quality steel by means of semi-product processing in Danieli ladle furnace with further vacuum degassing of melt in Mannesmann Demag vacuum degasser.

Steel melting shop No.5 is equipped with ESR and VAR furnaces of different capacities, which enable to produce 0,9-6,0 ton ingots and 9,3-20,0 ton plate ingots. ESR technology allows to produce steel and special alloys for the major industries, such as: aeronautical, defence, as well as thermal and nuclear power.



STEEL PROCESSING



DSS steel processing is represented with rolling, sizing, forging, forge-pressing, heat-treatment and metal surface finishing shops.

1050/950 blooming mill of the rolling shop is designed to manufacture billets for further rolling by section mills, as well as 130-280 mm bars. 550, 325 and 280 section rolling mills produce metal products from 8 up to 130 mm in diameter with as-rolled or as-machined surface. Surface is machined by centreless peelers; the process is completely automated. At the section of the rolling mill finishing line round 120-280 mm, up to 2,6 ton bars of the full grade range are machined by Loeser RPS 377 lathe. The technology of wet grinding „on a contact circle" or „with a free belt" is applied in the equipment. All the metal products from 20 mm and over in diameter have to be US-tested in accordance with EN 10308, ASTM A388 or SEP 1921 standards.

Round cold-drawn 2-45 mm bars, round 1,9-50 mm bars with special surface finishing and sized hexagons with incircle 12-46 mm diameter (for the CIS market) are produced in the sizing mill.

Large round, square and rectangular forgings of different steel grades are products of the forge-pressing shop. The shop is equipped with 60 MH and 32 MH hydraulic presses fitted with 5 and 10 ton handlers. The shop comprises special areas for forging heat-treatment, straightening and finishing, as well as US-testing.

The forging shop manufactures stainless, tool, high-speed steel products as well specializes in the production of bars of difficult-to-form alloy steel grades. Two radial-forging 10 MH and 3,4 MH machines are installed in the shop.

Heat treatment of metal products is performed in the heat-treatment shop and in the relevant areas of processing shops.

Metal surface finishing shop performs machining of 20-200 mm round bar surface; final machining of bars with special surface finishing into 160 mm rounds is made by RPS 327 unit. The shop comprises two lines designed for grinding and special surface finishing. The final processing of bars, supplied from 1050, 550, 325 and 280 rolling mills, as well as forging and forge-pressing shops, is performed here.

BRIEF PRODUCT CATALOGUE

Dneprospetsstal has in possession multifold possibilities to produce various special steel products by virtue of its powerful industrial base.

GRADE RANGE

STAINLESS STEEL

Austenitic Stainless Steel

DIN EN		ASTM/AISI	GOST
1.4301	X5CrNi18-10	304	07X18H10
1.4303	X4CrNi18-12	305	06X18H12
1.4305	X8CrNiS18-9	303	10X18H9-Y
1.4306	X2CrNi19-11	304L	03X19H11
1.4307	X2CrNi18-9	304L	03X18H9
1.4401	X5CrNiMo17-12-2	316	07X17H12M2
1.4404	X2CrNiMo17-12-2	316L	03X17H12M2
1.4435	X2CrNiMo18-14-3	316L	03X18H14M3
1.4436	X3CrNiMo17-13-3	316L	05X17H13M3
1.4541	X6CrNiTi18-10	321	08X18H10T
1.4571	X6CrNiMoTi17-12-2	316Ti	08X17H12M2T
		304H	10X19H10
		304N	08X19AH10
		304LN	03X19AH10
		309	20X23H14
		309S	08X23H14
		309H	10X23H14
		310S	08X25H20
		310H	10X25H20
		316H	10X17H13M2
		316N	08X17AH13M3
		316LN	03X17AH13M3
		317	08X19H13M4
		321H	10X18H10T
		347	08X18H10Б
		347H	10X18H10Б
1.4841	X15CrNiSi25-20	314	20X25H20C2

Martensitic Stainless Steel

DIN EN		ASTM/AISI	GOST
1.4006	X12Cr13	410	12X13
		403	15X13
1.4021	X20Cr13	420	20X13
1.4028	X30Cr13		30X13
1.4031	X39Cr13		40X13
1.4034	X46Cr13		46X13
		440A	65X18
		440B	85X17
		440C	110X17
1.4057	X17CrNi16-2	431	17X16H2
1.4122	X39CrMo17-1		39X17M
1.4313	X3CrNiMo13-4		05X13H4M
1.4418	X4CrNiMo16-5-1		06X16H5AM
			40X9C2
1.4718	X45CrSi9-3		45X9C3

Ferritic Stainless Steel

DIN EN		ASTM/AISI	GOST
1.4000	X6Cr13	410S	08X13
1.4016	X6Cr17	430	08X17
1.4113	X6CrMo17-1	434	08X17M

Ferritic-Austenitic Stainless Steel (Duplex Steel)

DIN EN		ASTM/AISI	GOST
1.4462		F51 S31803 S32205	03X22H5AM3

STRUCTURAL STEEL

Structural Carburizing Steel

EN 10084, DIN		ASTM/AISI	GOST
1.1121	C10E	1010	10
1.1207	C10R		10-У
1.1141	C15E	1015	15
1.1140	C15R		15-У
1.1148	C16E		15Г
1.1208	C16R		15Г-У
1.7016	17Cr3		17ХГ
1.7014	17CrS3		17ХГ-У
1.7030	28Cr4		28ХГ
1.7036	28CrS4		28ХГ-У
1.7131	16MnCr5	5115	16ХГ
1.7139	16MnCrS5		16ХГ-У
1.7160	16MnCrB5		16ХГР
1.7147	20MnCr5	5120	20ХГ
1.7149	20MnCrS5		20ХГ-У
1.7243	18CrMo4		18ХГМ
1.7244	18CrMoS4		18ХГМ-У
1.7333	22CrMoS3-5		22ХГМ-У
1.7320	20MoCr3	4118	20ХМ
1.7319	20MoCrS3		20ХМ-У
1.7321	20MoCr4		20ХГМ
1.7323	20MoCrS4		20ХГМ-У
1.5714	16NiCr4		16ХГН
1.5715	16NiCrS4		16ХГН-У
1.5805	10NiCr5-4		10ХГН1
1.5810	18NiCr5-4	3120	18ХГН1
1.5918	17CrNi6-6		17Х2ГН2
1.5752	15NiCr13		17ХН3
1.6523	20NiCrMo2-2	8620	20ХГНМ
1.6526	20NiCrMoS2-2		20ХГНМ-У
1.6566	17NiCrMo6-4		17ХГН1М
1.6569	17NiCrMoS6-4		17ХГН1М-У
1.6571	20NiCrMoS6-4		20ХГН2М-У
1.6587	18CrNiMo7-6		18Х2ГН2М
1.6657	14NiCrMo13-4	9310	14ХН3М
1.5732	14NiCr10	655M13	14ХН3

Structural Heat-Treatable Alloy Steel

EN 10083-3, DIN		ASTM/AISI	GOST
1.7003	38Cr2		38Х
1.7006	46Cr2		46Х
1.7033	34Cr4	5130	34Х
1.7037	34CrS4		34Х-У
1.7034	37Cr4		37Х
1.7038	37CrS4		37Х-У
1.7035	41Cr4	5140	41Х
1.7039	41CrS4		41Х-У
1.7218	25CrMo4	4130	25ХМ
1.7213	25CrMoS4		25ХМ-У
1.7220	34CrMo4	4137	34ХМ
1.7226	34CrMoS4		34ХМ-У
1.7225	42CrMo4	4140	42ХМ
1.7227	42CrMoS4		42ХМ-У
1.7228	50CrMo4	4150	50ХМ
1.7264	20CrMo5		25Х1ГМ
1.6582	34CrNiMo6	4340	34Х2Н2М
1.6580	30CrNiMo8	4340	30Х2Н2М
1.8519	31CrMoV9		30Х3МФ
1.5815	35NiCr6		35ХН1
1.6511	36CrNiMo4	9840	36ХНМ
1.6773	36NiCrMo16		36Х2Н4МА
1.8509	41CrAlMo7		38Х2МЮА
1.6510	39NiCrMo3	9840	39ХНМ
1.6747	30NiCrMo16-6		30Х1Н4М
1.6565	40CrNiMo6	4340	40Х2Н2МА
1.0913	50Mn7	1552	50Г2
1.8159	51CrV4	6150	50ХГФ

Structural Heat-Treatable Non-Alloy Steel

EN 10083-2		ASTM/AISI	GOST
1.1151	C22E	1020	20
1.1149	C22R		20-У
1.1181	C35E	1035	35
1.1180	C35R		35-У
1.1186	C40E	1040	40
1.1189	C40R		40-У
1.1191	C45E	1045	45
1.1201	C45R		45-У
1.1206	C50E	1050	50
1.1241	C50R		50-У
1.1203	C55E	1055	55
1.1209	C55R		55-У
1.1221	C60E	1060	60
1.1223	C60R		60-У
1.1170	28Mn6		28Г

Structural Non-Alloy Steel

EN 10025		ASTM/AISI	GOST
1.0045	S355JR		20Г1С
1.0553	S355J0		17Г1С
1.0577	S355J2		17Г1С-У2

Structural High-Strength Steel

DIN EN 10273, DIN EN 10269, DIN		ASTM/AISI	GOST
1.5415	16Mo3	F1	18М
1.7335	13CrMo4-5	F12	13ХМ
1.7380	10CrMo9-10	F22	15Х2М1
1.7390	X15CrMo5-1	F5	15Х5М

Spring Steel

EN 10089, DIN		ASTM/AISI	GOST
1.5028	65Si7	9260H	60С2Г
1.7108	60SiCr7	9262	60С2ХА
1.7176	55Cr3	5155	55ХГ
1.8161	58CrV4	6145, 6150	58ХГФ

Bearing Steel

DIN ISO 683-17		ASTM/AISI	GOST
1.3505	100Cr6	52100	ШХ15
1.3520	100CrMnSi6-4		ШХ15СГ
1.3536	100CrMo7-3		ШХ20М

TOOL STEEL

Tool Alloy Steel

DIN EN 4957		ASTM/AISI	GOST
1.2067	102Cr6	L1	Х
1.2080*	X210Cr12*	D3*	Х12*
1.2101	62SiMnCr4	S4	6ХГС
1.2162	21MnCr5		20ХГ
1.2210	115CrV3		ХФ
1.2235	80CrV2	L2	8ХФ
1.2235	80CrV2	L3	9ХФ
1.2312	40CrMnMoS8-6		40Х2ГМ
1.2316	X38CrMo16		40Х16М
1.2343	X37CrMoV5-1	H11	4Х5МФС
1.2581	X30WCrV9-3	H21	3Х3В8Ф
1.2344	X40CrMoV5-1	H13	4Х5МФ1С
1.2357	50CrMoV13-14	S7	5Х3СМ2Ф
1.2363	X100CrMoV5	A2	95Х5ГМ
1.2365*	32CrMoV12-28*	H10*	3Х3М3Ф*
1.2367	X38CrMoV5-3		4Х5М3Ф
1.2379*	X153CrMoV12*	D2*	Х12МФ*
1.2380*	X220CrVMo13-4*	D7*	Х12МФ4*
1.2419	105WCr6		ХВГ
1.2436*	X210CrW12*	D6*	Х12В*
1.2510	100MnCrW4	O1	95ХГВФ
1.2519	110WCrV5	O7	ХВФ
1.2550	60WCrV8	S1	6ХВ2ФС
1.2714	55NiCrMoV6		5ХН2МФ
1.2764	X19NiCrMo4		20ХН4М
1.2842	90MnCrV8	O2	9Г2Ф

* PM-method of manufacture is able

Tool Carbon Steel

DIN EN 4957		ASTM/AISI	GOST
1.1520	C70U		У7
1.1525	C80U	W108	У8
1.1535	C90U	W109	У9
1.1545	C105U	W110	У10
1.1555	C120U	W112	У12

Tool High-Speed PM-Steel

DIN EN ISO		ASTM/AISI	Innovator Designation	GOST
HS 12-1-4-5-PM	1.3202-PM	T15-PM		Р12МФ4К5-МП
HS 10-4-3-10-PM	1.3207-PM	T42-PM		Р10М4Ф3К10-МП
HS 6-5-2-8-PM	1.3222-PM	M36-PM	ASP 2030 (Erasteel*) CPM REX45 (Crucible*) S590-PM (Böhler*)	Р6М5Ф3К8-МП
HS 6-5-2-5-PM	1.3243-PM			Р6М5К5-МП
HS 2-9-1-8-PM	1.3247-PM	M42-PM		Р1М10К8-МП
HS 18-1-2-5-PM	1.3255-PM	T4-PM		Р18МФ2К5-МП
HS 12-1-4-PM	1.3302-PM			Р12МФ4-МП
HS 12-1-2-PM	1.3318-PM			Р12МФ2-МП
HS 6-5-2C-PM	1.3343-PM	M2-PM		Р6М5-МП
HS 6-5-3-PM	1.3344-PM	M3-PM	ASP 2023 (Erasteel*) S790-PM (Böhler*)	Р6М5Ф3-МП
HS 2-9-1-PM	1.3346-PM	M1-PM		Р2М9Ф-МП
HS 18-0-1-PM	1.3355-PM	T1-PM		Р18-МП
			S390-PM (Böhler*)	Р10М2Ф5К8-МП
HS 10-5-3-9-PM		M48-PM		Р10М5Ф3К9-МП
			ASP 2053 (Erasteel*)	Р4М3Ф8-МП
HS 6-7-6-10-PM	1.3241-PM		ASP 2060 (Erasteel*)	Р6М7Ф6К10-МП
HS 0-4-1-PM	1.3551-PM	M50-PM		Р0М4ФС-МП
HS 2-9-2-PM	1.3348-PM	M7-PM		Р2М9Ф2-МП
HS 6-5-4-PM	1.3351-PM	M4-PM	S690-PM (Böhler*)	Р6М5Ф4-МП
HS 12-6-5-PM		M61-PM		Р12М6Ф5-МП

* Metal products of these steel grades shall be manufactured only on obtaining the written confirmation from this steel grade engineering company and owner of licence to use it.

Tool Alloy PM-Steel

DIN EN ISO		ASTM/AISI	Innovator Designation	GOST
X210Cr12-PM	1.2080-PM	D3-PM		Х12-МП
X153CrMoV12-PM	1.2379-PM	D2-PM		Х12МФ-МП
X220CrVMo13-4-PM	1.2380-PM	D7-PM	K190-PM (Böhler*)	Х12МФ4-МП
X60WCrMoV9-4-PM	1.2622-PM			6Х4В9МФ-МП
			K340-PM (Böhler*)	110Х8М2ФС-МП
			Vanadis 4-PM (Böhler*)	150Х8М2Ф4С-МП
			CPM 9V (Crucible*)	Р0М2СФ9-МП
		A11-PM	CPM 10V (Crucible*)	Р0М2СФ10-МП

* Metal products of these steel grades shall be manufactured only on obtaining the written confirmation from this steel grade engineering company and owner of licence to use it.

STAINLESS STEEL

Size, mm	Round				Square	
	Cold-Drawn (h11)*	Bars with Special Surface Finishing (ground and polished) h9-h11 (k9-k11)	Hot-Rolled	Forged	Hot-Rolled	Forged
2 -11						
12-40						
41-80						
81-180						
181-190						
191-195						
196-400						
401-500						

STRUCTURAL STEEL

Size, mm	Round				Square	
	Cold-Drawn (h11)*	Bars with Special Surface Finishing (ground and polished) h9-h11 (k9-k11)	Hot-Rolled	Forged	Hot-Rolled	Forged
2-11						
12-40						
41-80						
81-130						
131-180						
181-260						
261-450						
451-550						

BEARING STEEL

Size, mm	Round				Square	
	Cold-Drawn (h11)*	Bars with Special Surface Finishing (ground and polished) h9-h11 (k9-k11)	Hot-Rolled	Forged	Hot-Rolled	Forged
2-11						
12-40						
41-80						
81-130						
131-180						
181-230						
231-250						
251-450						

* Metal products can be manufactured only for the CIS market, or when agreed upon between the manufacturer and the customer.

TOOL STEEL

Size, mm	Round				Square	
	Cold-drawn (h11)*	Bars with Special Surface Finishing (ground and polished) h9-h11 (k9-k11)	Hot-Rolled	Forged	Hot-Rolled	Forged
2-11						
12-40						
41-80						
81-130						
131-180						
181-400						
401-500						

* Metal products can be manufactured only for the CIS market, or when agreed upon between the manufacturer and the customer.

HIGH SPEED STEEL

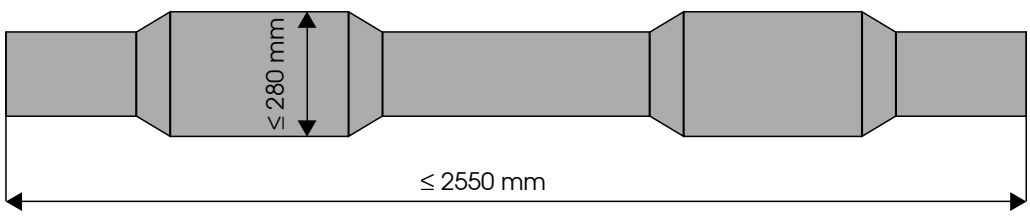
Size, mm	Round			Square	
	Bars with Special Surface Finishing (ground and polished) h9-h11 (k9-k11)	Hot-Rolled	Forged	Hot-Rolled	Forged
2-11					
12-74					
75-80					
81-130					
131-180					

TOOL AND HIGH-SPEED PM-STEEL

Size, mm	Round			Square	
	Bars with Special Surface Finishing (ground and polished) h9-h11 (k9-k11)	Hot-Rolled	Forged	Hot-Rolled	Forged
3-11					
12-73					
74-79					
80-89					
90-130					
131-350					
351-410					

FORGED ROUGH BILLET FOR RAILWAY CAR AXLES WITH IRREGULAR SECTION

Billet weight up to 900 kg



FORGED FLATS

Thickness, mm	Width, mm																
	80	90	100	110	120	130	140	150	160	200	300	350	400	500	600	700	800
30-55																	
60-75																	
80-85																	
90-95																	
100-105																	
110-115																	
120-125																	
130-135																	
140-145																	
150																	
155-250																	
255-300																	

UTMOST DEVIATIONS FOR FORGED FLATS

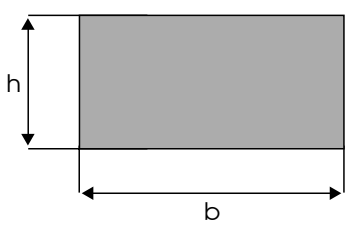
Thickness, mm	Thickness, mm
30-64	+2,5/-0,0
65-89	+4,5/-0,0
90-150	+5,0/-0,0
151-250	+7,0/-0,0
251-300	+10,0/-0,0

Width, mm	Width, mm
80-119	+4,0/-0,0
120-179	+5,0/-0,0
180-214	+7,0/-0,0
215-249	+8,0/-0,0
250-284	+9,0/-0,0
285-344	+10,0/-0,0
345-350	+12,0/-0,0
351-600	+15,0/-0,0
601-800	+20,0/-0,0

UTMOST DEVIATIONS FOR HOT-ROLLED FLATS

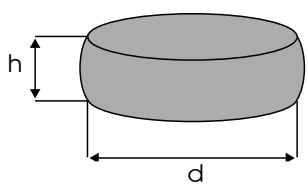
Width, mm	Thickness, mm
+2,0/-0,0	+0,6/-0,0

HOT-ROLLED FLATS



Size, mm
h = 6-12
b = 40-70

FORGED DISCS



Size, mm
h = 120-300
d = 330-1100

CONTACT DETAILS

PJSC „Electrometallurgical Works „Dneprospetsstal"

Yuzhnoe Shosse, 81,
69008, Zaporozhye, Ukraine
Phone: + 38 061 283 40 40
Fax: + 38 061 283 42 55
Web-site: www.dss-ua.com
E-mail: info@dss.com.ua

Sales Department

Phone: + 38 061 283 40 34
+ 38 061 283 40 32
Fax: + 38 061 213 60 32
+ 38 061 213 60 16

Structural Steel & Bearing Steel Sales Dept.

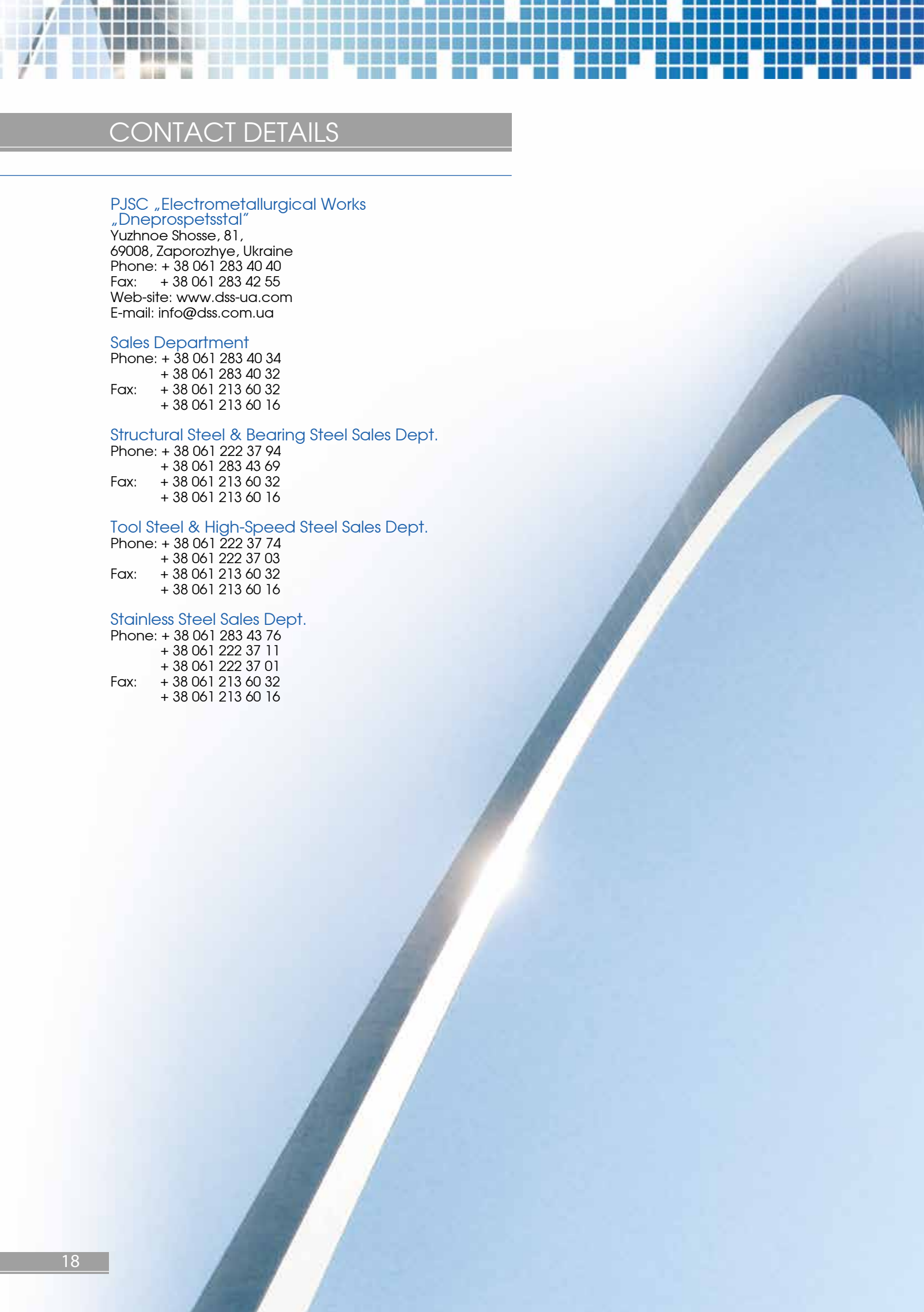
Phone: + 38 061 222 37 94
+ 38 061 283 43 69
Fax: + 38 061 213 60 32
+ 38 061 213 60 16

Tool Steel & High-Speed Steel Sales Dept.

Phone: + 38 061 222 37 74
+ 38 061 222 37 03
Fax: + 38 061 213 60 32
+ 38 061 213 60 16

Stainless Steel Sales Dept.

Phone: + 38 061 283 43 76
+ 38 061 222 37 11
+ 38 061 222 37 01
Fax: + 38 061 213 60 32
+ 38 061 213 60 16





OUR FOREIGN PARTNERS

„Trading Company „Dneprospetsstal-M" Ltd
1st Dubrovskaya str. 5, 2nd Floor office 50,
109044, Moscow, Russia
Phone: + 7 495 504 36 87
E-mail: info@dss-m.ru

DSS International SA
Via Generale Guisan 12, P.O. Box 361,
CH-6902, Paradiso-Lugano, Switzerland
Phone: + 41 91 986 58 45
Fax: + 41 91 986 58 46
Web-site: www.dssint.ch
E-mail: info@dssint.ch

DNIPROSPEZSTAHL GmbH
Graf-Adolf-StraBe 14,
40212, Duesseldorf, Germany
Phone: + 49 211 863 28 70
Fax: + 49 211 86328710
Web-site: www.dss-gmbh.net
E-mail: info@dss-gmbh.net

DSS America Inc
233 South Wacker Dr.,Willis Tower
Suite 9430, Chicago, IL 60606, USA
Phone: + 1 312 575 01 01
Fax: + 1 312 575 96 91
E-mail: ysannikova@dssamerica.us

www.dss-ua.com