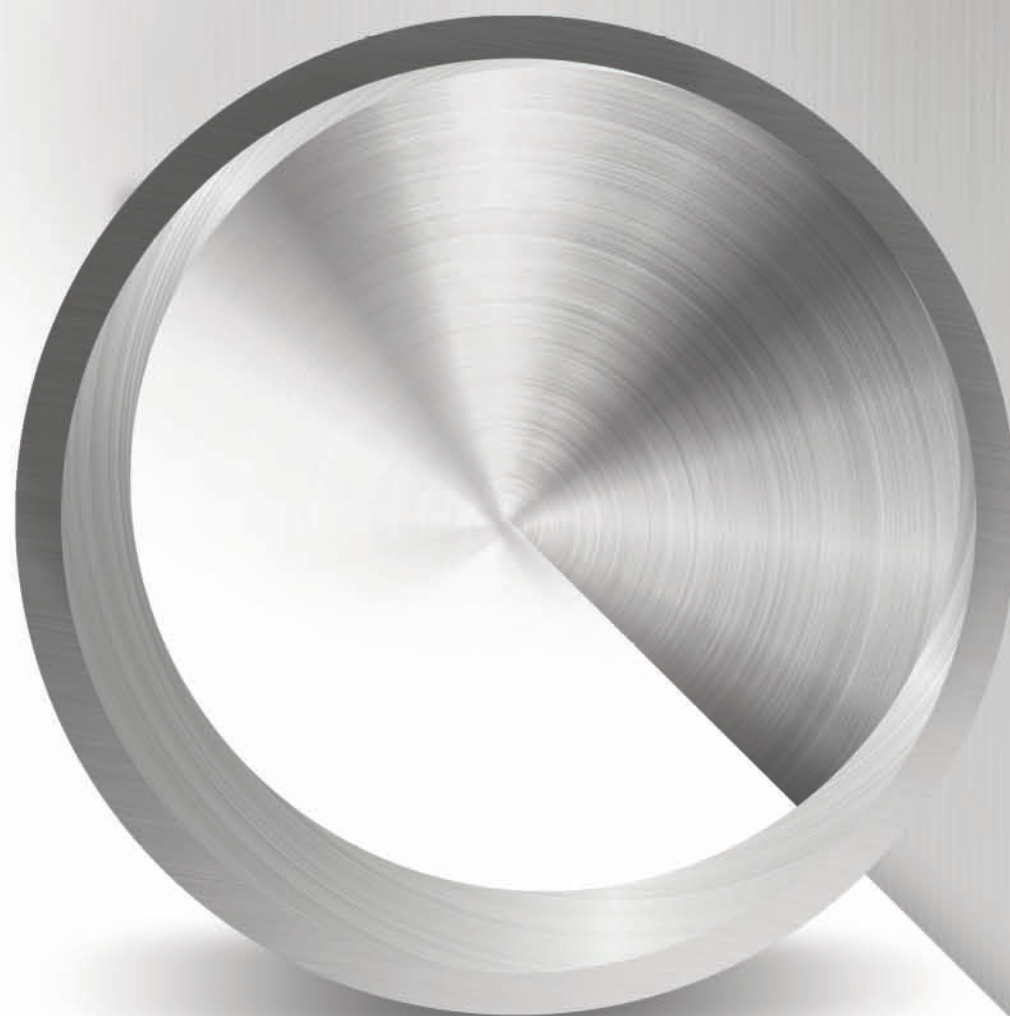


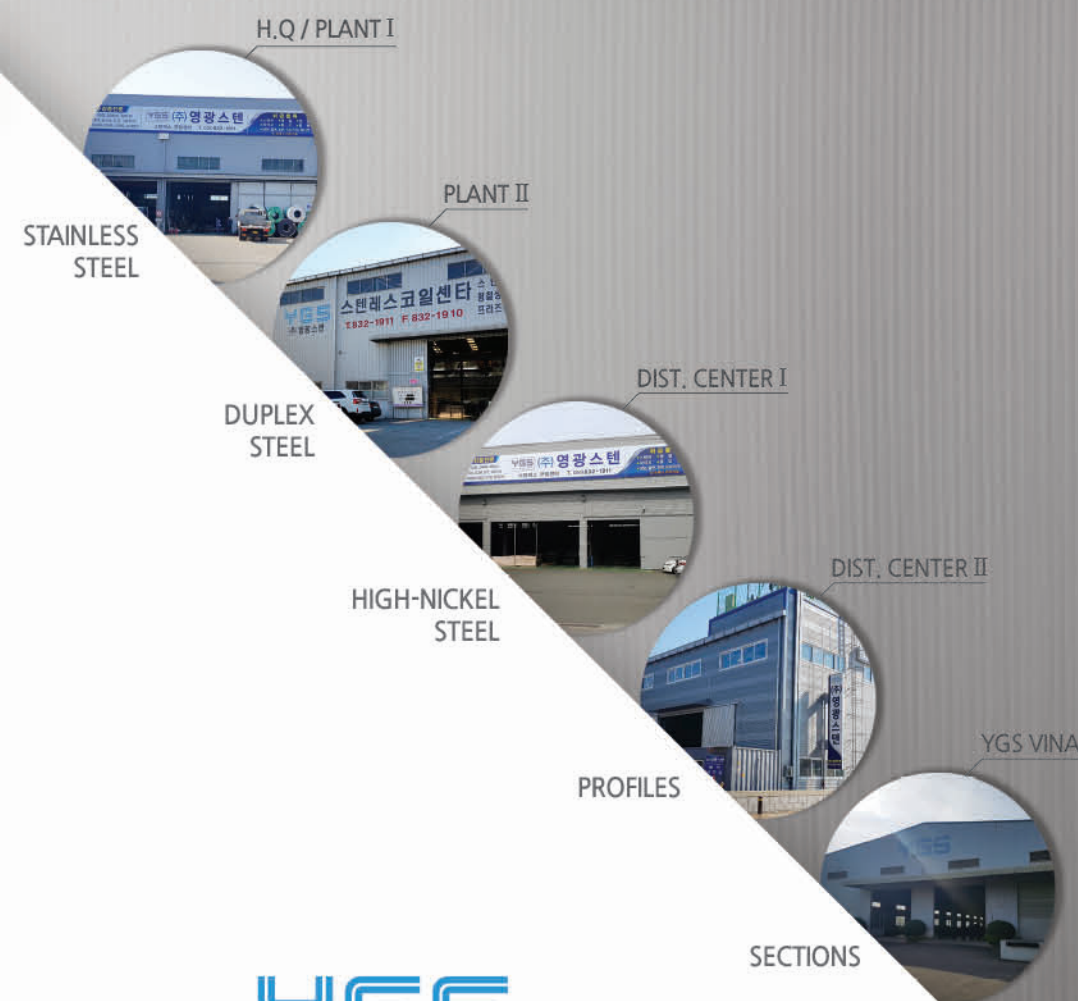


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YOUR 1ST GLOBAL SUPPORTER

Korea No. 1 Special Steel Provider



YGS YGS Co.,Ltd. Your 1st Global Supporter www.ygs.co.kr

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YGS
Stainless Steel Service Center



STAINLESS STEEL & SPECIAL STEEL TOTAL SOLUTION PROVIDER



**YOUR 1ST
GLOBAL
SUPPORTER**

YGS Intro

No.1 Stainless & Special Steel Provider!

We are not only providing Stainless Steel but also specialized in supplying Special Steel for Oil & Gas / Petrochemical / Offshore / Flue - Gas Desulfurization(FGD) / Marine Scrubber and Desalination industries through a strategic inventory management of Stainless Steel(Heat & Corrosion resistant), Duplex and High-Nickel Alloy Steel.

Total Solution Provider!

We serve you One-Stop Service for all types of products including Coils, Quarto Plates, Tubes, Pipes, Profiles, etc.

About YGS

As a Pioneer of Stainless & Special Steel Providers, we handle the largest quantity of 2,000mm Width Coils with the most diversified steel grades in Korea and have been providing all different types of products to the market over 30 years through our strategic inventory management.

In order to fulfil our Management Philosophy, we have acquired ISO9001 Certification and are the ONLY Stainless & Special Steel Service Center approved by Lloyd's Register in Korea.

We also have been pursuing our Slogan, 3R - RAPID, RIGHT, RENEW.

YGS Management Philosophy

We always consider your satisfaction and the co-prosperity as our first priority.

As your faithful and loyal partner, we will present you differentiated services with the utmost competitiveness.



OPTIMUM SOLUTION FOR SPECIAL STEEL, **YGS**

YGS History

1980	2000	2010
1985 Established 1999 Supply Contract with OUTOKUMPU	2002 Relocated the headquarter to Gamcheon-Dong, Busan 2004 Newly opened the Headquarter in Noksan Industrial Complex 2004 Firstly introduced 2,000mm Width Coil to Korea 2004 Opened a Distribution Center in Busan 2005 Acquired ISO9001:2000 Certification 2005 Established YGS VINA CO., LTD in Hochiminh, Vietnam 2006 Opened Plant II in Noksan Industrial Complex 2006 Supply Contract with NSSC	2015 Acquired Lloyd's Register Certification 2015 Supply Contract with ACERINOX 2017 Completed an expansion work on the Distribution Center II in Gyeonggi-Do 2017 Exclusive Supply Contract with TISCO for Quarto Plates *Scope: All projects dealt by Korean manufacturers

YGS Global Network

We never become complacent in a small success.

Based on our Strong and Wide Global Network, we will be stepping forward as Your Global Supporter.



Your Global Supporter - **YGS**

YGS Global Network & Cert

1 Europe



2 Asia

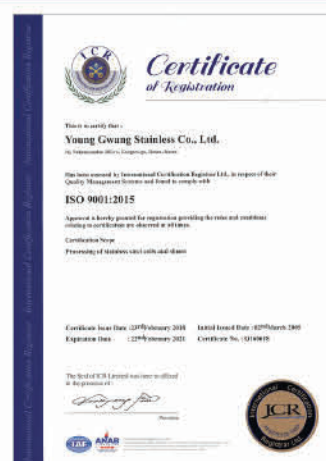


3 America



4 Africa

Certification Status



ISO 9001

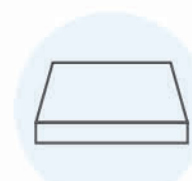


Lloyd's Register Approval

Products



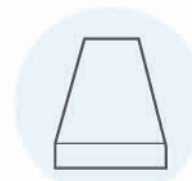
Hot Rolled Steel
Hot rolled steel in coil form produced by Hot Strip Mill and can be cut into plates in accordance to your needs.



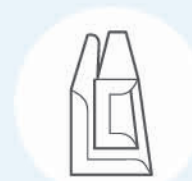
Quarto Plate
Relatively thick hot rolled plates. Thickness over 6mm plates are called Quarto Plates.



Cold Rolled Steel
Cold rolled steel in coil form and can be cut into plates in accordance to your needs. Its surface is relatively brighter than Hot rolled products.



Flat Bar
Depending on the manufacturing methods, it can be classified into Slit, Shear and Cold-drawn.



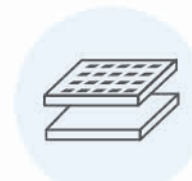
Angle & Channel
Widely utilized for structural stiffeners, machine frames, doorways and posts.



Pipe & Tube
Circular cross section with a hollow body conducting gases and liquids. Available in both Seamless and Welded conditions.



Round Bar & Square Bar
Solid bar with either circular or square cross section. Popularly used for machine structures, shipbuilding and automobiles.



Clad
Plates manufactured by bonding cladding materials to either or both sides of a carbon steel or low alloy steel plate.



Forging & Fitting
Available in many different shapes. Excellent performance in malleability, ductility, corrosion resistance and machinability.

Steel Grades

► CORROSION RESISTANCE STEEL — Flue - Gas Desulfurization(FGD), Scrubber

Grade	Characteristics	Applications
S31254 (254SMO)	It is one of the most highly corrosion resistant to severe conditions and approximately 50% stronger than conventional stainless steel. It is also known as 6% Moly and main material for marine scrubbers.	Scrubbers, Pulp & Paper Processing, Desalination
N08367 (AL-6XN)	Its high contents of Nickel(Ni) and Molybdenum(Mo) allow to have an exceptional Chloride Stress Corrosion Cracking. It can be used as an alternative to 300 series grades in a high corrosion resistance required environment.	Desalination, Flue-Gas Desulfurization(FGD), Heat Exchangers
N08926 (ALLOY 926)	Also known as Alloy 926. It is the combination of N08367 and Copper(Cu) which reinforces the corrosion resistance of N08367. It exhibits a high resistance to the uniform and localized corrosion.	Desalination, Flue-Gas Desulfurization(FGD)

► DUPLEX

Grade	Characteristics	Applications
S32101 S32304 (Lean Duplex)	Alternatives to the austenitic grades such as 304/L and 316/L. They are not relatively cost-fluctuating due to their low contents of Nickel(Ni) and Molybdenum(Mo) comparing to other Duplex grades. They perform an excellent corrosion resistance to nitric acids.	Bulk Trailers, Desalination, Oil & Gas Refining
S31803 S32205 S329J3L (Standard Duplex)	They consist of the high contents of Chrome(Cr) and Molybdenum(Mo). They show an outstanding resistance to the pitting, chlorine and crevice corrosion. With their versatile properties, they can be applied in various industries.	Desalination, Chemical Plants, Oil & Gas Refining, Pollution Control Equipment
S32750 S32760 (Super Duplex)	They are the strongest among the Duplex groups and not only perform an extraordinary corrosion resistance to severe conditions but also provide an extraordinary strength with ductility. Its corrosion resistance and strength can be reinforced through the cold working.	Desalination, Oil & Gas Industry Equipment, Offshore Platforms, Heat Exchangers, Absorber Towers
SUS329J4L (S32506)	Based on its high corrosion resistance to Chloride, Sulfur, Phosphorus compounds, it is utilized in the seawater, chemical industries and shipbuilding. It shows an excellent hot workability for manufacturing diverse types of products.	Storage Tanks, Boilers, Chemical Plants, Anti Pollution Equipment

Steel Grades

► HIGH NICKEL ALLOY

Grade	Characteristics	Applications
N06625 (Inconel 625)	It is also called INCONEL 625 and exhibits a great fabricability with outstanding corrosion resistance. Its versatility with matchless corrosion resistance under a wide range of pressure and temperature allows to be used in many different severe environments.	Seawater Equipment, Chemical Plants, Air Pollution Control Equipment
N08810 (Incoloy 800H)	It can be used in temperatures above 600° C(1100° F) and not only strong in Creep Rupture Strength, but also highly resistant to oxidation and carburization in high temperature environment.	Heat Exchangers, Boilers, Industrial Furnaces, Heat-treating Equipment, Pressure Vessels
N08825 (Incoloy 825)	It is also known as INCOLOY 825. Due to its high compositions of Molybdenum(Mo), Copper(Cu) and Titanium(Ti), it shows an extremely high corrosion resistance to both oxidizing and non-oxidizing acids.	Pollution Control Equipment, Nuclear Fuel Reprocessing, Pickling Equipment
N10276 (Hastelloy C-276)	It is also called HASTELLOY C-276 and one of the most popular corrosion resistant alloy. With its low Carbon(C) contents and Silicon(Si), it performs an excellent corrosion resistance in the oxidizing conditions.	Flue-Gas Desulfurization(FGD), Organic Chloride Processing Equipment
N04400 (Monel 400)	It is a representative Nickel(Ni)-Copper(Cu) Alloy and also known as Monel 400. It is almost perfectly resistant to the condition of alkalis, salts and organic substances at high temperatures.	Heat Exchangers, Desalination, Marine Engineering, Boilers

► HEAT RESISTANCE STEEL

Grade	Characteristics	Applications
310S	It is an austenitic stainless steel invented for the uses in the environments where essentially requires a high heat corrosion resistance. It is capable of resisting oxidation up to 1100° C(2010° F).	Boilers, Coal Gasifier Internal components, Combustion Chambers
253MA	It is a substitutional material for 310S and also suitable for a wide range of high temperature applications. It contains a high creep strength and highly resists to combustion gases.	Furnace Tubes, Fluidized-Bed Combustion(FBC) Tubes, Styrene Reactor Tubes
309S	It contains a very low carbon composition which allows not only a good weldability but also a low carbide precipitation. It is often applied for higher temperature required industries.	Aircraft Engine components, Kiln Liners, Auto Exhaust parts, Refinery and Chemical Processing Equipment

Steel Grades

► CORROSION RESISTANCE STEEL

Grade	Characteristics	Applications
316LMO	It is an austenitic stainless steel, highly resistant to both organic and inorganic acids, and also less susceptible to pitting. Its high Molybdenum(Mo) composition allows performing an excellent corrosion resistance.	Desalination, Pulp & Paper Processing
316Ti	The titanium improves not only a corrosion resistance but also an excellent pitting resistance. It is widely used for elevated temperature applications and especially strong against sulfuric, hydrochloric acids.	Heat Exchangers, Nuclear Power Plants, Oil Storage Tanks
317L	Due to its low carbon composition, it provides a high resistance to the sensitization during welding and other processings. It is normally non-magnetic during an annealed condition, but could be slightly magnetic after welding.	Flue-Gas Desulfurization(FGD), Condensers, Chemical Process Vessels
321	Titanium stabilized austenitic stainless steel. Based on its low sensitive to intergranular corrosion after annealing, it is widely used for the high heat resistance required environment up to 900° C(1600° F).	Thermal Oxidizers, Aircraft components, Pressure Vessels, Boilers
347	It is a columbium stabilized austenitic stainless steel and one of the most multi-purpose steel. It has an excellent intergranular corrosion resistance and mechanical properties at high temperatures.	High temperature gaskets, Exhaust Manifolds, Rocket Engines
N08904 (904L)	It is a non-stabilized austenitic stainless steel with a low carbon composition. It offers not only a very strong resistance to reducing acids due to its copper composition and stress corrosion cracking, but also a great formability and weldability.	Chemical Plants, Pollution Control Equipment, Oil Refinery components

► GENERAL

Grade	Characteristics	Applications
304	The most popular Austenite steel grade. It exhibits a high weldability, corrosion and heat resistance. Also, it has good mechanical properties and is non-magnetic.	Heat Exchangers, Food Containers, Automobile parts
304L	Grade 304 with a low carbon composition below 0.03%. Due to the low carbon contents, it performs an excellent intergranular corrosion resistance after either a welding or heat treatment.	Pharmaceutical Tanks, Architectural Trim, Construction Materials, Chemical Containers
304/L	It can be used for both Single and L Grades and also called 304 Dual. It follows the chemical properties of 304L, but follows the mechanical properties of 304.	Heat Exchangers, Petrochemical Equipment, Newclear Power Plant Equipment
316	It shows higher corrosion and pitting resistant than Grade 304. Popularly used for a pitting corrosion resistance required environment.	Seawater, Chemical, Food Processing industries
316L	It contains a low percent of carbon below 0.03% and performs a great intergranular corrosion resistance.	High level of poisonous gases exposed industries
316/L	It can be used for both Single and L Grades and also called 316 Dual. It follows the chemical properties of 316L, but follows the mechanical properties of 316.	Seawater, Chemical, Food Processing, Poisonous gases related environment

Supply Range

► Hot Rolled Steel

It refers to the products in a form of either coils or plates produced by heating slabs with the hot strip mill. Widely utilized in constructions, automobiles and other industrial fields.

Production Spec	Weight Calculation Formula
Thickness : 3 ~ 13T Width : 1,000 ~ 2,000W Length : ~ 20,000L	Thickness x Width x Length x Specific Gravity x Quantity

► Quarto Plate

Relatively thick hot rolled plates. Thickness above 6mm plates are called Quarto Plates. It does not only have better flatness but also have wider production range than coils.

Production Spec	Weight Calculation Formula
Thickness : 6 ~ 120T Width : ~ 3,800W Length : 2,000 ~ 12,000L Contact for other sizes	Width / Thickness x Width x Length x Specific Gravity x Quantity

► Cold Rolled Steel

It contains brighter surface with relatively thinner thickness in the production than hot rolled steels. With its elegant surface and high machinability, it can be popularly applied to automobiles, washing machines and other home appliances.

Production Spec	Weight Calculation Formula
Thickness : 0.3 ~ 6T Width : 1,000 ~ 2,000W Length : ~ 6,900L	Thickness x Width x Length x Specific Gravity x Quantity

► Pipe, Tube

They have a circular cross section with a hollow body conducting gases and liquids. Available in both Seamless and Welded conditions.

Production Spec	Weight Calculation Formula
JIS : 6A ~ 1,000A, SCH.5S ~ SCH.160 ASTM : 1/8 ~ 42 inch, SCH.5S ~ SCH.XXS	(External Diameter - Thickness) x Thickness x 3.1415 x Specific Gravity x Length x Quantity

Supply Range

► Flat Bar

Depending on the manufacturing methods, it can be categorized into Slit, Shear and Cold-drawn. It is commonly used as construction materials and home appliances.

Production Spec		Weight Calculation Formula
Slit & Shear	Cold - drawn	Slit, Shear, Cold - drawn
Thickness : 3 ~ 20T Width : 20W ~ Length : ~ 9,000L	Thickness : 3.17 ~ 50.8T Width : 19.05 ~ 175W	Thickness x Width x Length x Specific Gravity x Quantity

► Angle, Channel

They are the most basic type of roll-formed steel. Angle is 'L' shaped and Channel is 'C' shaped. Widely utilized for structural stiffeners, machine frames, doorways and posts.

Production Spec	Weight Calculation Formula
Thickness : 3 ~ 10T Width : 25 ~ 100W	ANGLE - (Width+Width-Thickness) x Thickness x Length x Specific Gravity x Quantity CHANNEL - (Width+Width+Width-4 x Thickness) x Thickness x Length x Specific Gravity x Quantity

► Round, Square Bar

Solid bar with either circular or square cross section. They have an excellent machinability and popularly used for machine structures, shipbuilding and automobiles.

Production Spec	Weight Calculation Formula
Round bar : 2 ~ 80Φ, 2,500 ~ 6,500L Square bar : 4.76 ~ 70Φ, 1,500 ~ 6,500L	R/B - Radius x Radius x 3.14 x Length x Specific Gravity x Quantity SQ/BAR - Width x Height x Length x Specific Gravity x Quantity

► Clad

It is manufactured by bonding cladding materials to either or both sides of a carbon steel or low alloy steel plate and extensively utilized in various industrial fields based on its excellent resistance to alkali and acids.

Production Spec	Weight Calculation Formula
Thickness : 6 ~ 200T Width : 1,000 ~ 4,400W Length : ~ 15,000L Contact for other sizes	Contact & Inquire

► Forging, Fitting

Forging is manufactured by several series of compression under a very high pressure. Fitting is used to change the direction and size of pipes. Excellent performance in malleability, ductility, corrosion resistance and machinability and available in many different shapes.

Production Spec	Weight Calculation Formula
Contact & Inquire	Contact & Inquire

Facilities



Hot Rolled Shearing



Hot Rolled Slitter



Narrow Width Slitter



Cold Rolled Shearing



HR / CR Dual Slitter



Flat Bar Shearing



Plate Shearing



Plasma



Water Jet

Chemical Composition

		International Steel Designation				Chemical Composition Requirements by ASTM, % (Max)					
Div		UNS	ASTM	JIS	EN	C	Cr	Ni	Mo	N	Others
WET CORROSION AND GENERAL SERVICE	AUSTENITIC	N08904	904L	SUS 317J5L	1.4539	0.02	19-23	23-28	4-5	0.1	Cu
		N08926	-	-	-	0.02	19-21	24-26	6-7	0.15-0.25	CU
		S20100	201	SUS 201	1.4372	0.15	16-18	3.5-5.5	-	0.25	-
		S20103	201L	-	-	0.03	16-18	3.5-5.5	-	0.25	-
		S30100	301	SUS 301	1.4310	0.15	16-18	6-8	-	0.1	-
		S30103	301L	-	-	0.03	16-18	6-8	-	0.2	-
		S30153	301LN	SUS 301L	1.4318	0.03	16-18	6-8	-	0.07-0.2	-
		S30200	302	SUS 302	-	0.15	17-19	8-10	-	0.1	-
		S30400	304	SUS 304	1.4301	0.08	18-20	8-10.5	-	0.1	-
		S30403	304L	SUS 304L	1.4307	0.03	18-20	8-12	-	0.1	-
		S30451	304N	SUS 304N1	1.4306	0.08	18-20	8-10.5	-	0.1-0.16	-
		S30453	304LN	SUS 304LN	1.4311	0.03	18-20	8-12	-	0.1-0.16	-
		S30500	305	SUS 305J1	1.4303	0.12	17-19	10.5-13	-	-	-
		S31009	310H	-	-	0.04-0.1	24-26	19-22	-	-	-
		S31600	316	SUS 316	1.4401	0.08	16-18	10-14	2-3	0.1	-
		S31603	316L	SUS 316L	1.4404	0.03	16-18	10-14	2-3	0.1	-
		S31609	316H	-	-	0.04-0.1	16-18	10-14	2-3	-	-
		S31635	316Ti	SUS 316Ti	1.4571	0.08	16-18	10-14	2-3	0.1	Ti
		S31651	316N	SUS 316N	-	0.08	16-18	10-14	2-3	0.1-0.16	-
		S31653	316LN	SUS 316LN	1.4406	0.03	16-18	10-14	2-3	0.1-0.16	-
		S31700	317	SUS 317	-	0.08	18-20	11-15	3-4	0.1	-
		S31703	317L	SUS 317L	1.4438	0.03	18-20	11-15	3-4	0.1	-
		S31726	317LMN	-	1.4439	0.03	17-20	13.5-17.5	4-5	0.1-0.2	-
		S31753	317LN	SUS 317LN	1.4434	0.03	18-20	11-15	3-4	0.1-0.2	-
		S32654	-	-	-	0.02	24-25	21-23	7-8	0.45-0.55	Cu
		S34565	-	-	-	0.03	23-25	16-18	4-5	0.4-0.6	Cb
	FER.	S43000	430	SUS 430	1.4016	0.12	16-18	0.75	-	-	-
		S43035	439	-	-	0.03	17-19	0.5	-	0.03	Ti
	MART	S41000	410	SUS 410	1.4006	0.08-0.15	11.5-13.5	0.75	-	-	-
		S41008	410S	SUS 410S	1.4000	0.09	11.5-13.5	0.6	-	-	-
	DUPLEX	S31803	-	-	-	0.03	21-23	4.5-6.5	2.5-3.5	0.08-0.2	-
		S32205	2205	SUS 329J3L	1.4462	0.03	22-23	4.5-6.5	3-3.5	0.14-0.2	-
		S32304	2304	-	1.4362	0.03	21.5-24.5	3-5.5	0.05-0.6	0.05-0.2	Cu
		S32750	2507	-	1.4410	0.03	24-26	6-8	3-5	0.24-0.32	Cu
Heat & Creep	AUSTENITIC	S30409	304H	SUS 304	1.4948	0.04-0.1	18-20	8-10.5	-	-	-
		S30415	-	-	1.4818	0.04-0.06	18-19	9-10	-	0.12-0.18	Ce
		S30815	-	-	1.4835	0.05-0.1	20-22	10-12	-	0.14-0.2	Ce
		S30908	309S	SUS 309	1.4833	0.08	20-24	12-15	-	-	-
		S31008	310S	SUS 310S	1.4845	0.08	24-26	19-22	-	-	-
		S32100	321	SUS 321	1.4878	0.08	17-19	9-12	-	0.1	Ti
		S35315	-	-	1.4854	0.04-0.08	24-26	34-36	-	0.12-0.18	Ce

Material Conversion Table

	ASME	ASTM	UNS Number	JIS Number	DIN EN Number	Chemical Composition	Registered Trademark
High Corrosion	SA-240	A 240	S31254	SUS 312L	1.4547	20Cr-18Ni-6Mo-0.8Cu-0.2N	254SMO®
	SA-240 / SB-688	A 240 / B 688	N08367	-	-	21Cr-24Ni-6Mo-0.2N	AL-6XN®
	SA-240 / SB-625	A 240 / B 625	N08926	-	1.4529	20Cr-25Ni-6Mo-0.2N-1Cu	Cronifer1925hMo®
	SA-240	A 240	S32205	SUS 329J3L	1.4462	22Cr-5.3Ni-3.2Mo-0.16N	2205
	-	A 240	S32506	SUS 329J4L	-	25Cr-6.5Ni-3.3Mo-0.17N	-
	SA-240	A 240	S32750	-	1.4410	25Cr-7Ni-3.8Mo-0.27N	2507
	SA-240	A 240	S32760	-	1.4501	25Cr-7Ni-3.6Mo-0.6Cu-0.6W-0.27N	-
	SB-424	B 424	N08825	NCF 825	2.4858	40Ni-23Cr-3Mo-2Cu-0.7Ti	INCOLOY®825
	SB-443	B 443	N06625	NCF 625	-	62Ni-22Cr-9Mo-3.7Nb-0.2Ti-0.2Al	INCONEL®625
	SB-168	B 168	N06690	NCF 690	2.4642	62Ni-28Cr-10Fe	INCONEL®690
	SB-575	B 575	N06022	NW 6022	2.4602	57Ni-21Cr-14Mo-3W-4Fe	HASTELLOY® C-22®
	SB-575	B 575	N10276	NW 0276	2.4819	59Ni-15Cr-16Mo-4W-5Fe	HASTELLOY® C-276
	SB-127	B 127	N04400	NW 4400	-	65Ni-32Cu-1Fe	MONEL® 400
	-	A 240	S31727	-	-	18Cr-15Ni-4Mo-3Cu-0.16N	-
	SA-240 / SB-625	A 240	N08904	SUS 890L	1.4539	20Cr-24Ni-4.3Mo-1.5Cu	AL904L™
	SA-240	A 240 / B 463	N08020	-	2.4660	20Cr-33Ni-2.5Mo-3Cu-0.4Nb	Alloy20
	Code Case2445-1	A 240	S32053	SUS 836L	-	23Cr-25Ni-5.5Mo-0.2N	-
	SA-240 / SA-249	A 240 / A 249	S32050	-	-	23Cr-22Ni-6Mo-0.25N	-
	SB-625	B 625	N08031	-	-	27Cr-31Ni-6.5Mo-1.2Cu-0.20N	Alloy31
	-	B 625	N08354	-	-	23Cr-35Ni-7.5Mo-0.2N	-
High Temperature	SB-409	B 409	N08800	NCF 800	1.4876	32Ni-20Cr-0.4Ti-0.3Al	INCOLOY® 800
	SB-409	B 409	N08810	NCF 800H	1.4876	32Ni-20Cr-0.2Ti-0.2Al	INCOLOY® 800H
	SB-409	B 409	N08811	-	1.4876	32Ni-20Cr-0.5Ti-0.5Al	INCOLOY® 800HT®
	-	-	-	-	-	19Ni-20Cr-0.4Ti-0.4Al	INCOLOY® 840
	SB-168	B 168	N06600	NCF 600	2.4816	77Ni-16Cr-6Fe	INCONEL® 600
	SB-168	B 168	N06601	NCF 601	2.4851	60Ni-23Cr-1Al-0.2Ti	INCONEL® 601
	-	-	S66286	SUH 660	-	25Ni-15Cr-1Mo-2Ti-0.3V-0.2Al	A-286
	SB-435	B 435	N06002	NW 6002	2.4665	47Ni-22Cr-9Mo-18Fe-1.5Co-0.6W	HASTELLOY® X
Hardening	-	-	N07750	NCF 750	2.4669	73Ni-16Cr-7Fe-2.5Ti-1Nb-0.7Al	INCONEL® X-750
	SA-693	A 693	S17400	SUS 630	1.4542	17Cr-4Ni-4Cu-0.2Nb	17-4PH®
	SA-693	A 693	S17700	SUS 631	1.4568	17Cr-7Ni-1Al	17-7PH®
Thermostatic	SA-240	A 240	S20910	-	-	21Cr-12Ni-5Mn-2Mo-0.2Nb-0.2V-0.3N	-
	-	B 753	K93600	PD	1.3912	36Ni-Fe	Fe-36Ni
	-	B 753	K94100	-	1.3917	42Ni-Fe	Fe-42Ni
	-	-	-	-	-	21Ni-6Cr-Fe	-
	-	-	-	-	-	22Ni-3Cr-Fe	-
	-	-	-	-	-	20Ni-6Mn-Fe	-
	-	F 15	K94610	-	1.3981	29Ni-17Co-Fe	-
	-	F 31	K94760	-	-	42Ni-6Cr-Fe	-
	-	-	-	-	2.4486	47Ni-6Cr-Fe	-
	-	-	-	PB	1.3920	48Ni-Fe	-
Magnetic	-	-	-	PC	2.4530	77Ni-4Mo-5Cu-Fe	-
	-	-	-	-	-	17Cr-15Mn-4Ni-0.3N	-
	-	-	-	-	-	17Cr-17Mn-7.3Ni	-
Ni	SB-162	B 162	N02201	NW 2201	2.4068	99Ni	NI201