

IN ALL GRADE OF MATERIAL

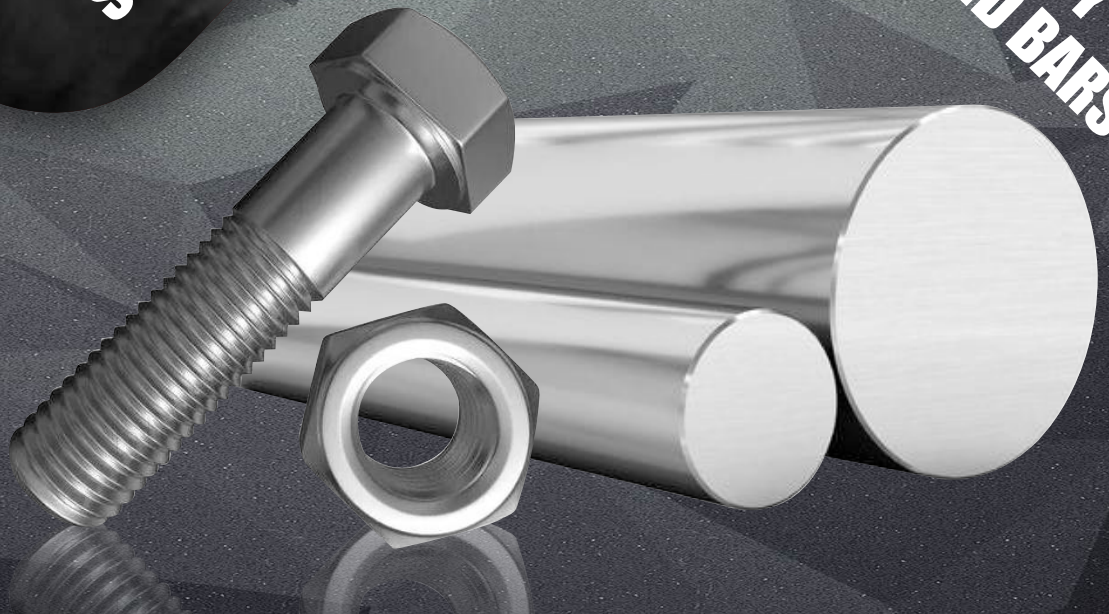
■ ROUND BARS

■ FASTENERS



**YOUR TRUSTED PARTNER IN
STAINLESS STEEL LONG PRODUCTS**

**HIGH NICKEL ALLOY
FASTENERS & ROUND BARS**



**We have excellent sourcing network across the Globe
so that we can source and supply any hard to find
material at your doorstep.**



INCONEL 600 INCONEL 601 INCONEL 625 INCONEL 800H
ALLOY 20 MONEL 400 NICKEL 200 NICKEL 201
MONEL K 500 INCONEL 825 HASTELLOY C-276
ALLOY 904L INCONEL 800 HT SMO 254 TITANIUM





ON DEMAND

FASTENERS & ROUND BARS

**MATERIALS READILY AVAILABLE FOR QUICK,
EFFICIENT DELIVERIES ACROSS THE WORLD**

Vision Alloys is one of the leading Manufacturer, Stockist, Suppliers & Exporters of Ferrous & Non Ferrous Metals Products.

Fasteners are widely used Product in different industries. We manufacture and export all types of Steel fasteners with high competence and precision. We are your one-stop solution provider for a diverse choice of customer-specific fasteners.

The **Vision Alloys** has drawn together under one roof of the total spectrum of manufacturing, exporting, trading and stockholding and processing activities in Stainless steel, High Nickel Alloy Steel such as Monel, Inconel, Hastelloy, Titanium, Nickel 200, Nickel 201 in the shape of Round Bars, Hex Bars and Fasteners and Flanges etc. We Export a wide variety of Stainless Steel, Nickel Alloys, Mild Steel, Alloy Steel & Carbon Steel products to UAE, Saudi Arabia, Egypt, Algeria, Nigeria, Namibia, Sudan, Phillipines, Zambia, Mexico, Botswana, Mozambique, Libya, Israel, Chad, Morocco, Afghanistan, Sri-Lanka, Thailand, Indonesia Turkey, Bahrain, Kuwait, Europe, Mexico, Canada, USA, Singapore, Iran, Vietnam, Malaysia, Thailand, Indonesia Netherlands, Italy. Most of our clients are Government & Public sector undertaking companies like Defense, Fertilizer, Chemical, Power, Petroleum, Valve manufacturer and Thermal Power etc.

As we being bulk Exporter, we cater to the diverse needs of the manufacture, whose business involves Foundry, Forging, chemical, petrochemicals, oil, fertilizers, furnace rollers and instrumentation industries.

Our management style has been the key to our success as we delegates responsibility to the specific need of every customers and we have made every customer a member of our family

Our Clients are our most valuable assets and for that we use our skilled people and latest technology and equipments to fulfill their needs.

Keeping efficient and friendly customer service as the top concern, provides ultimate flexibility in fulfilling each & every customer requirement irrespective of the size of order. Most of our clients are doing business with us since years, which indicates higher levels of customer satisfaction. We always welcome any queries or suggesions from our clients to improve the services and hence to serve them better.

OUR MISSION

Over a decade of progress have consistently made us realize that more than products, it is understanding the client's requirement and giving maximum services to the customer is what makes us stand apart from others.

INDUSTRY VISION

Along with technological equipment, manpower is also given special attention. All our professionals are highly dedicated and committed to their client's requirements. Our team of workers starves to provide quality service.



FASTENERS

HEX BOLTS & HEX SCREWS & HEAVY HEX BOLTS

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : M3 to M100 up to 1000 MM in Length

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : M3 to M100 up to 1000 MM in length

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : M3 to M56 up to 500 MM in length

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : M3 to M56 up to 500 MM in Length

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, K-500 & Nickel 200

Diameter : M3 to M56 up to 500 MM in Length



HEXAGONAL NUT & HEAVY HEX NUT

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : 1/4" - 4" Metric : M3 to M100

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : 1/4" - 4" Metric : M3 to M100

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : 1/4" - 3" Metric : M3 to M72

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : 1/4" - 3" Metric : M3 to M72

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, K-500 & Nickel 200

Diameter : 1/4" - 3" Metric : M3 to M72



PLAIN WASHERS

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : M2 to M100

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : M2 to M100

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : M2 to M100

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : M2 to M100

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200

Diameter : M2 to M100





SPRING WASHERS

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L.

Diameter : M2 to M100

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : M2 to M100

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : M2 to M100

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : M2 to M100

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200

Diameter : M2 to M100



THREADED RODS : DIN 975 & DIN 976 & ASTM A 193

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : 1/4" - 4" Metric : M3 to M100 (3 Mtr Long)

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : 1/4" - 3" Metric : M3 to M100 (2 Mtr Long)

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : 1/4" - 3" Metric : M3 to M72 (2 Mtr Long)

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : 1/4" - 3" Metric : M3 to M72 (2 Mtr Long)

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200

Diameter : 1/4" - 3" Metric : M3 to M72 (2 Mtr Long)



SOCKET HEAD ALLEN CAP SCREWS

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : M3 to M72 up to 500 MM in Length

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : M6 to M56 up to 500 MM in Length

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : M6 to M56 up to 500 MM in Length

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : M6 to M56 up to 500 MM in Length

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200

Diameter : M6 to M56 up to 500 MM in Length





EYE-BOLTS

Material Grade

DIN : 580, 444 etc.

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L.

Diameter : M3 to M72

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : M6 to M56

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : M6 to M56

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : M6 to M56

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200

Diameter : M6 to M56



DOUBLE END STUD BOLTS

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : 1/4" - 3" Metric : M3 to M72 in length 3000mm

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : 1/4" - 3" Metric : M3 to M72 in length 2000mm

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : 1/4" - 3" Metric : M3 to M72 in length 2000mm

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : 1/4" - 3" Metric : M27 to M72 in length 2000mm

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200

Diameter : 1/4" - 3" Metric : M27 to M72 in length 2000mm



HEXAGON SOCKET SET SCREWS WITH FLAT POINT

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : M3 to M27 up to 200 MM in Length

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : M6 to M27 up to 100 MM in Length

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : M6 to M27 up to 100 MM in Length

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

Diameter : M6 to M27 up to 100 MM in Length

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, 405, K-500 & Nickel 200

Diameter : M6 to M27 up to 100 MM in Length





T-HEAD BOLTS

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : M6 to M72 up to 500 MM in Length

Steel Specials : B6, B8, B8T, B8M, B8C

Diameter : M6 to M72 up to 500MM in Length



U BOLTS STANDARD

Material Grade

Stainless Steels : 304, 304L, A2-80, A2-70, A4-80, A4-70, 316, 316L, B8M, 310, 317L, 321, 347, 17-4 PH, 410, 904L

Diameter : M6 to M72

Duplex & Super Duplex : UNS 31803, S32205, S32760, S32750

Diameter : M6 to M56

Hastelloy : Hastelloy C-276, Hastelloy C-22

Diameter : M6 to M42

Exotics : 904L, A-286, Alloy 20, Alloy 50, Nitronic50, Nitronic 60, Titanium, Cupro-Nickel 90-10, Cupro-Nickel 70-30

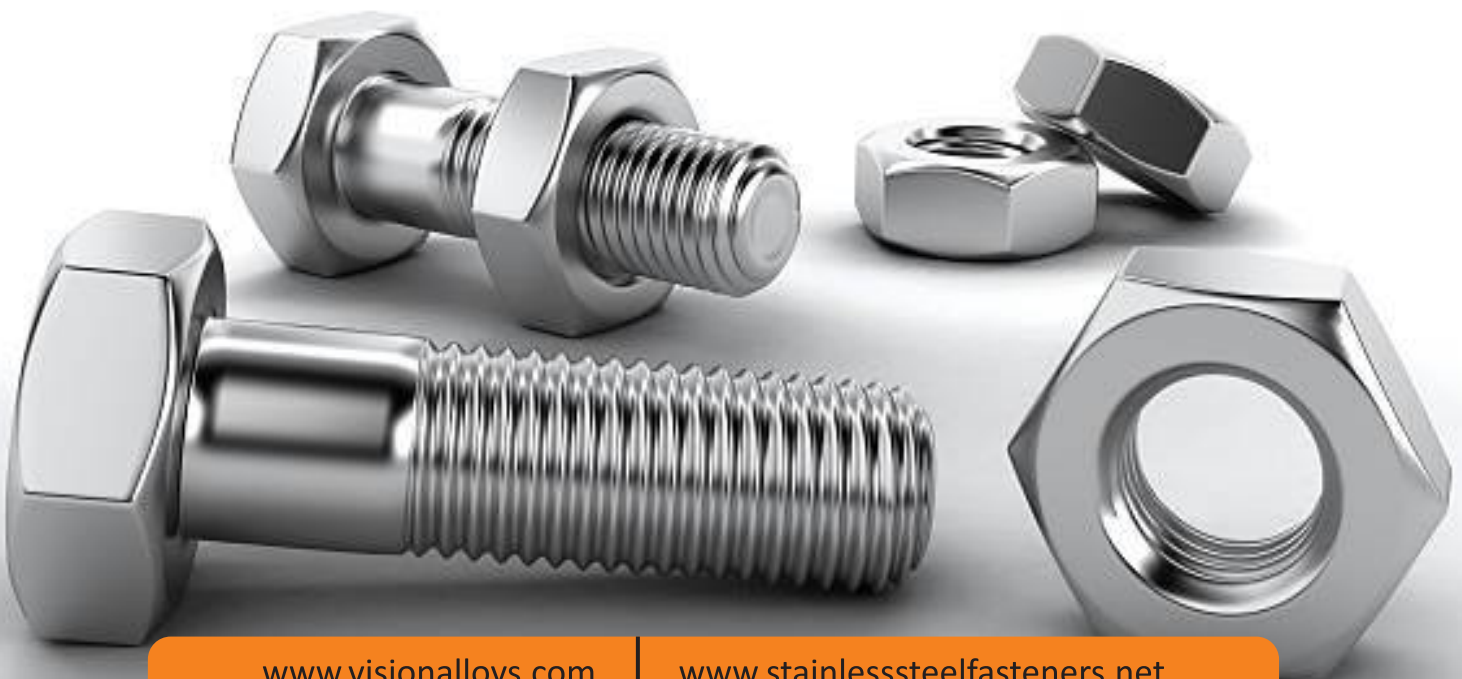
Diameter : M6 to M42

Nickel Alloys : Inconel 600, 601, 625, 718, 750, 800/800H, 825, 925, Monel 400, K-500 & Nickel 200

Diameter : M6 to M42

Steel Specials : B6, B8, B8T, B8M, B8C

Diameter : M6 to M72





ROUND BARS

STAINLESS STEEL BRIGHT BARS / BLACK BARS

Vision Alloys is an exceedingly manufacturer, exporter, stockiest and supplier of Stainless Steel Round Bars and Rods that are being sourced by using dominating nature of rough material. Our high-end manufacturing programme facilitates the manufacturing of high-quality rods and bars. Our own casting capacities that exceed our flexibility by being able to manufacture a wide range of alloys that help us attain excellent mechanical product properties & ability to manufacture rods out of more than 100 different chemical compositions.

Rods and bars are manufactured from billets cast by the company itself and 100% ultrasonic controlled after the homogenisation process, providing for the quality of our products when applied in the most demanding industries such as the automotive, aircraft and space industries.

Vision Alloys has mastered demanding manufacturing operations such as cold working (drawing) of products on standard drawing machines and continuous drawing lines. Rods and bars in all standard dimensions in compliance with international standards are manufactured. Special attention is paid to harder alloys, stress-free states of materials, free-cutting alloys (machining) and blanks.

Bright Bars Size Ranges :

Cold Drawn, Ground Polished	: 3mm – 22mm (1/8"-7/8")
Smooth & Polished	: 25 mm – 85 mm
Length	: 6 Mtr Long and Cut Size as per Order

Grades :

AISI 303, 304, 304 L, 316, 316 L, 316 Ti, 317L, 310S, 321, 347, 410, 416, 420, 409, 430, 430 F, 431, 17-4PH, 15-5PH, 2205, 31803, 32750, 32760 & others.



Tolerance :

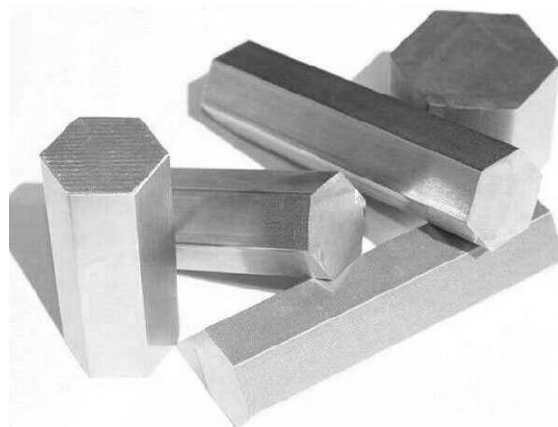
h9, h11 as per ASTM A484 / DIN 671 & DIN 1013

Strain Hardened :

Size	: 10 mm – 42 mm
Specification	: As per ASTM A 193 / A 193 M
Class	: Class 1 or Class 2
Grade	: B8 (304) B8M (316)
Length	: 6 – 6.1 Mtrs or 12 – 12.2 Feet.

Stainless Steel Hexagonal & Square Bars (Bright)

Size	: 10 mm – 55 mm
Grade	: 304, 304L, 316, 316L, 303.
Length	: 3 – 6 Mtrs. Or 12 – 12.2 Feet.
Tolerance	: ASTM A 484 or h 11





HIGH NICKEL ALLOY ROUND BARS

Hastelloy Alloy	: Hastelloy C276, C22, B2, B3, C4 & Hastelloy X
Incoloy Alloys	: Alloy 20, Alloy 800, Alloy 800H/800HT, Alloy 825, 925, Alloy A286, Nickel 201
Inconel Alloys	: Inconel Alloy 600, 601, 625, 718, 725, Inconel Alloy X750
Monel Alloys	: Monel 400, Monel K500.
Copper Alloys	: Cupro Nickel 90-10, Cupro Nickel 70-30.
Stainless Steels	: 347, 310, 317/317L, 17/4PH, 904L, Nitronic 50, Nitronic 60, Nimonic 80A.
Duplex & Super Duplex	: UNS S31803, UNS S32750, UNS S32760, UNS S32550, 254SMO
Type	: Round / Square / Hexagonal / Rectangular



STAINLESS STEEL HOT ROLLED WIRE RODS, BLACK & FORGED BARS, BILLETS & BLOOMS

Vision Alloys has mastered demanding manufacturing operations such as cold working (drawing) of products such as Rods and bars in all standard dimensions in compliance with international standards are manufactured. Special attention is paid to harder alloys, stress-free states of materials, free-cutting alloys (machining) and blanks. The Black Bars available with us are manufactured using hot forming process.

Our precision quality bars are known for best machinability as they are made out of the most advanced and specially designed production line that maintains and gives consistent mechanical and chemical facts as per customer requirement. All the Black round bars are thoroughly checked for ultrasonic flaws and are packed using specially designed equipments, which is then packed in plywood boxes.

Size Range :

Wire Rods (Black)	: 0.5 mm to 23 mm
& Annealed & Pickled Bars	: 25 mm to 150 mm
Forged Bars	: 150 mm to 450 mm
Billets	: 63, 75, 80, 95, 100 & 125mm
Blooms	: 125x125, 160x160 & 250x250mm

Grades :

AISI 303, 304, 304 L, 316, 316 L, 316 Ti, 317 LN, 310 S, 321, 347, 347H, 410, 416, 420, 420B, 409 Ti, 430, 201, 201 Cu, 202, 204 Cu, 430L, 430 F, 430 F DIN, 431, 17-4PH, 2205 (F60), 31803 (F51), 32750 (F53), 32760 (F55),

Inconel 625, Inconel 825, Monel K-500, Monel R-405, Monel 400, Monel 401, Monel 404 and Hastelloy C276.





CHEMICAL COMPOSITION OF STAINLESS STEEL

Chemical Composition of Stainless Steel											Nearest Equivalent Specification		
UNS NO.	EN	BS	AISI Grade	C Max	Mn Max	P Max	S Max	Si Max	Cr	Ni	Mo	Cu	I.S.

Austenitic

S20100	-	-	201	0.15	5.5/7.5	0.06	0.03	1	16.0/18.0	3.5/5.5	-	-	-
S20200	-	-	202	0.15	7.5/10	0.06	0.03	1	17.0/19.0	4.0/6.0	-	-	-
S30100	-	301S21	301	0.15	2.0max	0.045	0.040	1.0	16.0/18.0	6.0/8.0	-	-	10Cr17Ni7
S30200	-	-	302	0.15	2.0	0.045	0.030	1.0	17.0/19.0	8.0/10.0	-	-	07Cr18Ni9
S30300	-	303S31	303	0.15	2.0	0.045	0.15 min	1.0	17.0/19.0	8.0/10.0	-	-	15Cr18Ni9
S30400	1.4301	-	304	0.08	2.0	0.045	0.030	1.0	18.0/20.0	8.0/10.0	-	-	04Cr18Ni10
S30403	1.4307	304S11	304L	0.030	2.0	0.045	0.030	1.0	18.0/20.0	8.0/12.0	-	-	02Cr18Ni11
S30453	1.4306	304S61	304LN	0.030	2.0	0.045	0.030	0.75	18.0/20.0	8.0/11.0	-	-	-
S30409	-	-	304H	0.05	2.0	0.045	0.03	1	18.0/20.0	8.5/9.5	-	-	-
S30900	-	309S16	309	0.20	2.0max	0.045	0.030	1.0	22.0/24.0	12.0/15.0	-	-	20Cr24Ni12
S30908	1.4833	-	309S	0.08	2.0	0.045	0.030	1.0	22.0/24.0	12.0/15.0	-	-	-
S31009	-	-	310H	0.25	2.0	0.045	0.030	1.50	24.0/26.0	19.0/22.0	-	-	10Cr25Ni12
S31008	1.4845	-	310S	0.08	2.0	0.045	0.030	1.50	24.0/26.0	19.0/22.0	-	-	-
S31600	-	316S31	316	0.08	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	04Cr17Ni12Mo2
S31603	1.4404	316S11	316L	0.030	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	03Cr17Ni12Mo2
S31653	-	316S61	316LN	0.030	2.0	0.045	0.030	0.75	16.0/18.0	10.0/14.0	2.0/3.0	-	-
S31635	1.4571	320S31	316Ti	0.080	2.0	0.045	0.030	1.0	16.0/18.0	10.0/14.0	2.0/3.0	-	-
S31700	-	-	317	0.08	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	-	-
S31703	-	317S12	317L	0.030	2.0	0.045	0.030	1.0	18.0/20.0	11.0/15.0	3.0/4.0	-	-
S31753	-	-	317LN	0.03	2.0	0.045	0.03	1	18.0/20.0	11.0/15.0	3.0/4.0	-	-
S32100	1.4541	321S31	321	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	-	04Cr18Ni10Ti20
S34700	-	347S31	347	0.08	2.0	0.045	0.030	1.0	17.0/19.0	9.0/12.0	-	-	04Cr18Ni10Nb-40
N08904	1.4539	-	904L	0.02	2.0	0.045	0.035	1	19.0/23.0	23.0/28.0	4.0-5.0	-	-

Ferritic

S41000	-	410S21	410	0.15	1.00	0.040	0.030	1.0	11.50-13.50	0.75	...	...	...
S41008	1.4000	403S17	410S	0.08	1.00	0.040	0.030	1.0	11.50-13.50	0.60	...	...	...
S42900	-	-	429°	0.12	1.00	0.040	0.030	1.0	14.00-16.00	...	...	...	...
S43000	1.4016	430S17	430	0.12	1.00	0.040	0.030	1.0	16.00-18.00	0.75	...	...	...
S43035	-	-	439	0.07	1.00	0.040	0.030	1.0	17.00-19.00	0.050	...	0.04	...
S44400	-	-	444	0.025	1.00	0.040	0.030	1.0	17.5-19.5	1.00	1.75-2.50	0.035	...
			446	0.20	1.50	0.040	0.030	0.50	11.40 / 13.00	-			
	-	-	409L	≤ 0.030	≤ 1.00	≤ 1.00	-	-	-	10.50~11.75	~	-	-

Duplex & Super Duplex

S31803	1.4462	-	---	0.030	2.00	0.030	0.020	1.0	21.0-23.0	4.5-6.5	2.5-3.5	—	0.08-0.20
S32550	-	-	255°	0.040	1.50	0.040	0.030	1.0	24.0-27.0	4.5-6.5	2.9-3.9	1.50-2.50	0.10-0.25
S32750	1.441	-	2507	0.030	1.20	0.035	0.020	0.8	24.0-26.0	6.0-8.0	3.0-5.0	0.50	0.24-0.32
S32760	-	-	---	0.030	1.00	0.030	0.010	1.0	24.0-26.0	6.0-8.0	3.0-4.0	0.50-1.00	0.20-0.30



APPLICATION INDUSTRIES



**REFINERY &
PETROCHEMICALS**



OIL & GAS



OFFSHORE



EPC



CROSS COUNTRY PIPELINE



NUCLEAR & POWER



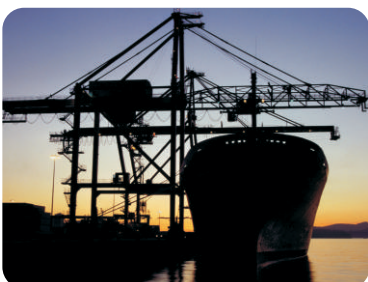
SUGAR INDUSTRY



DEFENSE



CEMENT PLANT



SHIP BUILDING



**CHEMICAL &
PHARMACEUTICAL**



**FOOD & BEVERAGE
INDUSTRIES**



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