

**We Stand for Quality..
Not for Competition**

Leading Stockists & Suppliers of :

- Pipes** ●
- Sheets/Plates/Coils** ●
- Fittings** ●
- Flanges** ●
- Bars/Rods** ●
- Fasteners** ●
- Valves** ●



VIVAN INC
GENERAL TRADING LLC



Product range at a glance

Pipes



Size : Upto 36" NB. (Seamless & Welded)
Thickness : SCH. 5S To SCH. XXS
Type : Round, Square, Rectangular

Tubes



Size : 1/16" to 12" outside diameters in straight lengths and coils, where applicable.

Sheet / Plate / Coil



Size : 0.5mm To 200mm & 1000mm To 2500mm
Width : 2500mm To 12500mm
Length available with NACE MR 01-75

Rods



Size : 6mm To 1000mm
Type : round, Square, Hexagon, Circle & Blanks.

Fitting & Flanges



Size : 1/4" NB To 4" NB.
(Socketweld & Threaded)
Class : 3000#, 6000#, 9000#.

Fastners



Size : M3 to M64
Class : A2 - 70/80, A4 - 70/80

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Fastners



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Class : A2 - 70/80, A4 - 70/80



Company Profile

Established in the year 2002, we, “ **Vivan INC**”, are one of the prominent firms involved in stocking, supplying and exporting a remarkable range of Inconel, Stainless Steel, Monel, Titanium and Aerospace Material. The range offered by us encompasses Inconel Rod, Inconel Pipe, Inconel Circle, Inconel Round Bars, Stainless Steel Round Bars, Stainless Steel Fittings. Apart from these, clients can avail Monel Round Bars, Monel 400 Fitting, Monel 400 Sheet, Monel 400 Plate, Monel K-500 Pipe, Hastelloy, Incoloy, Titanium, Alloy 20, Duplex & Super Duplex Round bars and many more. All our products are procured from authentic vendors of the market, who follow International standards in manufacturing. The offered products find their extensive applications in varied industries such as engineering and automobile. Moreover, a team of professionals is recruited by us, which stringently checks the entire range before the final delivery. Further, these products are widely applauded by the customers for their features such as high tensile strength, sturdy construction, dimensional accuracy and durability. The offered products find their applications in chemical, fertilizers and petrochemicals plants.

We are greatly supported by a team of diligent professionals, which assist us in carrying out all the activities of our business operations in a streamlined way. Our experts are masters of their respective domain, which benefit us in accomplishing the tough tasks with utmost ease. These professionals work in close coordination with each other as well as with the customers in order to know their needs and serve as per the same. These experts help in storing the procured products in our capacious warehousing unit as per their respective categories. Moreover, the warehousing unit of our firm is excellently connected with varied transportation networks, which enables us in timely delivery of orders at the clients' preferred destination. Our packaging experts make use of qualitative packaging to pack the entire offered range and ensure its safety during transportation. Owing to the capacious warehousing facility, perfect pool of professionals and timely delivery of ordered consignments, we have been able to spread our wings across the markets of Indian Subcontinent, South East Asia and East/Middle Africa.

Under the visionary guidance of our mentor, 'Mr. Mayur', we have climbed ladders of success in this highly competitive market. Owing to his brilliant managerial skills, sharp business acumen, constant motivation and zeal towards attaining the organizational goals have enabled us in gaining the trust of numerous patrons across the global market.

Our Quality Assurance

Quality has been the prime priority of our organization and for achieving this, we source all our products from trusted manufacturers of the market. The products we source from authentic vendors are in conformation with international standards of quality. Moreover, we have appointed a team of experienced quality inspectors for stringent inspection of the products. The quality inspectors of our firm examine all the products making use of latest testing machines and tools at testing unit. Following are the parameters on the basis of which our products are examined :

Resistance against Abrasion & Corrosion

Anti-corrosive properties

Construction

Tensile strength

Durability

PIPES / TUBES

Nickel Alloys :

ASTM / ASME SB 161/B725/B730 UNS 2200 (Nickel. 200 & 201)
 ASTM / ASME SB 165/B725/B730 UNS 4400 (Monel 400 & 500)
 ASTM / ASME SB 729/B464/B468 UNS 8020 (Alloy 20/20 CB 3)
 ASTM / ASME SB 423/B705/B704 UNS 8825 (Inconel 825)
 ASTM / ASME SB 167/B517/B516 UNS 6600 (Inconel 600)
 ASTM / ASME SB 444/B705/B704 UNS 6625 (Inconel 625)
 ASTM / ASME SB 622/B619/B622 UNS 10276 (Hastelloy C276)

Stainless Steel : ASTM / ASME SA 312Gr. TP 304, 304L, 304H, 309S, 309H, 310, 310H, 316, 316Ti, 316H, 316LN, 317, 317L, 321, 321H, 347, 347H, 904L

Duplex Steel : ASTM / ASME SA 790 UNS No.: 31803 / 32760

Carbon Steel : ASTM / ASME A53 Gr. A&B, ASTM A 106 Gr. A, B & C. API 5L Gr. B, API 5L X42, X46, X52, X60, X65 & X70. ASTM / ASME A691 Gr. A, B & C

Alloy Steel : ASTM / ASME A 335 Gr. P1, P5, P9, P11, P12, P22, P23, P91

Cupro Nickel : 70 : 30 & 90 : 10

Aluminium Alloys : 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075

Types : Round, Square, rectangle

Size : 3/8" NB to 24" NB (seamless) / 1/2" to 72" welded

Wall Thickness : Sch. 5s to Sch. XXS



We are one of the most trusted Stockiest for offering finest range of Stainless Steel, Duplex Steel, Carbon & Alloy Steel Pipes & Tubes. Used in different industries for diverse applications, these pipes can be available in standard as well as customized dimensions as per the requirement. These pipes are appreciated for their sturdy and precise construction. We are known for offering our product range at reasonable prices and delivering within given time frame.

SHEETS/PLATES/COILS

We have been offering to our clients a vast range Sheets and Coils, that are offered in various specifications to our clients. Catering to the requirements of various industries, our range is known for its corrosion resistance, durability & high tensile strength.

Our clients can avail from us Plates that are manufactured using high grade stainless steel. These cater to the requirements of various industries and are known for their attributes, such as high tensile strength, corrosion resistance & long life usage.



Nickel Alloy

ASTM / ASME SB 162 UNS 2200 (NICKEL 200), ASTM / ASME SB 162 UNS 2201 (NICKEL 201), ASTM / ASME SB 127 UNS 4400 (MONEL 400), ASTM / ASME SB 463 UNS 8020 (ALLOY20 / 20 CB 3), ASTM / ASME SB 424 UNS 8825 (INCONEL 825), ASTM / ASME SB 168 UNS 6600 (INCONEL 600), ASTM / ASME SB 409 UNS 8810/8811 (INCONEL 800/800HT), ASTM / ASME SB 443 UNS 6625 (INCONEL 625), ASTM / ASME SB 575 UNS 10276 (HASTELLOY C276)

Stainless Steel : Plates as per ASTM A240, Gr. TP 304, 304L, 304LN, 309, 309S, 309H, 310H, 316, 316L, 316H, 316LN, 316Ti, 317, 317L, 321, 321H, 347, 347H, 409, 410, 420, 430 etc. Duplex / Superduplex

Carbon Steel / Boiler Quality Plates : As per IS 2062/ASTMA36, Gr.A, B & C, IS 2002 Gr. 1 & 2 ASTM A516 Gr. 60 & 70

Alloy Steel Plates : As per ASTM A387 Gr. 2, 9, 11, 12 & 22 in class 1 & 2 ASTM A204 Gr A & B, DIN 17175 Gr. 15Mo3 & 16Mo3 WITH IBR Test Certificate.

Aluminium Alloys : 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075

Range : 0.5 mm To 200 mm thick in 1000 mm To 3000 mm width & 2500 mm To 12500 mm Length available with NACE MR 01-75



RODS / BARS



- Inconel Alloys** : Inconel Alloy 600, Inconel Alloy 601, Inconel Alloy 625, Inconel Alloy 660 A/B/C, Inconel Alloy 718 Inconel Alloy 725, Inconel Alloy X750
- Monel Alloys** : Monel 400, Monel R405, Monel K500.
- Incoloy Alloys** : Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286
- Hastelloy Alloy** : Hastelloy C4, Hastelloy B2, Hastelloy G30, Hastelloy B3, Hastelloy C276, Hastelloy X, Hastelloy C22
- Duplex & Super Duplex** : UNS S31803, UNS S32750, UNS S32760, UNS S32550, 254SMO

Stainless Steel Bars as per ASTM A 276, A 314, A 582, A 479 & A 484 Gr. TP 304, 304L, 304H, 304LN, 309, 309S, 309H, 310S, 310H, 316, 316L, 316H, 316LN, 316TI, 317, 317L, 321, 321H, 347, 347H, 348, 348H, 409, 410, 420, 430, 430F etc.

Alloy Steel Bars as per ASTM A 182 Gr. F1, F2, F5, F9, F11, F12, F22, F91 etc.

Carbon Steel Bars as per ASTM A 105 & IS 2062 Gr. A & B.

EN Series Bars like EN8, EN9, EN19, EN24, C45, C45cr, SAE4140, 20mn cr5 etc.

FLANGES

We are engaged in manufacturing and exporting wide range of Flanges that are available in variables sizes for different applications in waterworks, petrochemicals, refineries, chemical industry and construction works. Flanges are appreciated by our clients and are available in various material configurations like Stainless Steel, Carbon steel, Alloy steel, Nickel alloys and Copper alloys. Based on the sizes, dimensions, shapes and length of these flanges, we can customize the products as per our respected clients requirement.



- Duplex & Super Duplex** : UNS S31803, UNS S32750, UNS S32760,
- Hastelloy Alloy** : ASTM B564 Hastelloy B2, C276, C22
- Incoloy Alloys** : ASTM B564 Alloy 20, Alloy A286 Alloy 800H/800HT, Alloy 825,
- Inconel Alloys** : ASTM B564 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725,
- Monel Alloys** : ASTM B564 Monel 400, Monel K500.
- Copper Brass** : CuNi 90 : 10 & 70 : 30
- Stainless Steel** : ASTM A182, F304,304L,304H,316, 316L,317,317L,321,310,347,904L
- Carbon Steel** : ASTM A105,A694 F42,A350 LF2
- Alloy Steel** : ASTM A182 F1,F5,F9,F11,F22,F91
- Size** : 1/2" NB TO 72" NB
- Class** : 150#, 300#, 600#, 900#, 1500# & 2500#.

Types

- Blind
- Deck Flange
- Lap Joint
- Long Weldneck
- Oriface
- Ring Joint
- RTJ
- Slip - On
- SORF
- Socket Weld
- Spectacle Blind
- Weldneck



BUTTWELD FITTINGS

Duplex & Super Duplex :	UNS S31803, UNS S32750, UNS S32760
Hastelloy Alloy	: ASTM B366 Hastelloy B2, Hastelloy C276 Hastelloy C22
Incoloy Alloys	: ASTM B366 Alloy 20, Alloy 800H/800HT, Alloy 825, Alloy A286
Inconel Alloys	: ASTM B366 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725,
Monel Alloys	: ASTM B366 Monel 400, Monel K500.
Copper Brass	: CuNi 90 : 10 & 70 : 30
Stainless Steel	: ASTM A403, WP304,304L,304H,316, 316L,317,317L,321,310,347,904L
Carbon Steel	: ASTM A234 WPB,A420 WPL3,A420 WPL6, MSS-SP-75 WPHY 42/46/52
Alloy Steel	: ASTM A234WP1,WP5,WP9,WP11,WP22
Size	: 1/4" NB TO 24" NB (seamless) 4" NB TO 72" NB (welded)
Wall Thickness	: Sch. 5s To Sch. XXS



TYPE OF BUTTWELD FITTINGS

- TEE (EQUAL /UNEQUAL)
- REDUCING TEE
- SHORT STUB BEND
- RETURN BENDS
- CAP
- ELBOW (1D/1.5D/3D/5D)
- LONG STUB BEND
- REDUCER
(CONCENTRIC/ECCENTRIC)
- MITER BENDS

FASTENERS

Duplex & Super Duplex :	UNS S31803, UNS S32750, UNS S32760, UNS S32550.
Hastelloy Alloy	: Hastelloy C4, Hastelloy B2, Hastelloy G30, Hastelloy B3, Hastelloy C276, Hastelloy X, Hastelloy C22
Incoloy Alloys	: Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286
Inconel Alloys	: Inconel Alloy 600, Inconel Alloy 601, Inconel Alloy 625, Inconel Alloy 660 A/B/C, Inconel Alloy 718 Inconel Alloy 725, Inconel Alloy X750
Monel Alloys	: Monel 400, Monel R405, Monel K500.
Stainless Steels	: 347, 310, 303, 304/304H, 316/316L, 317/317L, 17/4PH, 410, 431, Nitronic 50, Nitronic 60, Nimonic 80A



TYPES

- ANCHOR FASTENERS
- HEX HEAD BOLTS
- SOCKET CAPS SCREW
- HEX NUTS
- EYE BOLTS
- STUD BOLTS
- THREADED RODS
- COUNTERSUNK BOLTS
- FLAT / SPRING / LOCK WASHERS
- FOUNDATION BOLTS



Nickel Alloys

Nickel	UNS	AMS equivalent	Applications
Hastelloy C276 Hastelloy C22	UNS N10276 UNS N6022	AMS 5750 ASTM B574 Rods, Wire	Flue Gas Desulfurization, Scrubbers, Dampers And Ducts.
Hastelloy X	UNS N06002	AMS 5536 Sheet, Strip and Plate AMS 5754 Bar and Forgings AMS 5798 Welding Wire AMS 5587 Seamless Tube AMS 5588 Welded Tube	Gas turbine engines Industrial furnaces Chemical processing Petrochemical industry
Inconel 600	UNS N06600	AMS 5580 (Tube *) AMS 5540 Sheet, Strip and Plate AMS 5665 Bar and Forgings AMS 5687 Wire	Chemical Industry / Aerospace / Nuclear Engineering / Gas Turbine Components Heat Treating Industry / Pulp And Paper Industry Food Processing.
Inconel 625	UNS N06625	AMS 5599 Sheet, Strip and Plate AMS 5666 Bar, Forgings AMS 5869 Sheet, Strip and Plate AMS 5879 Sheet, Strip and Foil AMS 5837 Welding Wire	Heat Shields, Furnace Hardware, Gas Turbine Engine Ducting, Combustion Liners Spray Bars, Chemical Plant Hardware, Special Seawater Applications.
Inconel 718	UNS N07718	AMS 5662/63/64 Bar and Forgings AMS 5589 Seamless Tube AMS 5596/97 Sheet, Strip and Plate AMS 5832 Welding Wire	Jet Engine Gas Turbine Operations
Inconel 800 Inconel 800H Inconel 800HT Inconel 825	UNS N08800 UNS N08810 UNS N08811 UNS N08825	AMS 5766 Bar and Forgings AMS 5871 Sheet, Strip and Plate AMS 5766 Rods, Wire	Heat exchangers / Carburising equipment Heating elements Sheathing .
Inconel X750 Inconel 925	UNS N07750/52	AMS 5542 Sheet, Strip and Plate AMS 5582/83 Seamless Tube AMS 5747 Bar and Forgings AMS 5779 Welding Electrodes AMS 5598 Sheet, Strip and Plate	Nuclear reactors Gas turbines Rocket engines Pressure vessels Aircraft structures
Alloy - 20	Carpenter 20Cb3	AMS 5887 Rods, Wire	Gas turbine engineering / Automobile exhaust valves Die-casting inserts and cores / Nuclear boiler tube parts.
Alloy 80	UNS N07080	AMS 5666, 690, 275, 30.	
Monel 400	UNS N04400	AMS 4574/75 Tube AMS 4675 Bar and Forgings AMS 4731 Wire and Ribbon AMS 4544 Sheet, Strip and Plate	Marine Engineering / Chemical And Hydrocarbon Processing Equipment / Crude Petroleum Stills / Boiler Feed Water Heaters, Valves, Pumps, Shafts, Fittings, And Fasteners Industrial Heat Exchangers
Monel K500 Nimonic 80A	UNS N05500	AMS 4676 Bar and Forgings	Chemical Process Industry / Oil and Gas Industry





Nickel Alloys

Nickel	UNS	AMS equivalent	Applications
Alloy 904 / L	UranusB-6 UNS N08904		Chemical And Hydrocarbon Processing Equipment / Boiler Feed Water Heaters / Marine Engineering / Crude Petroleum Stills / Valves, Pumps, Shafts, Fittings, And Fasteners Industrial Heat Exchangers
A-286 253 MA	UNS S30815	ASTM A 240, A 276, A 312 A 358, A 409, A 473, A 479 A 480, A 813, A 814	
Nickel	UNS	AMS equivalent	
Nickel 200	UNS N02200	ASTM B160 Rods, Wires ASTM B564 Bar, Forgings ASTM B162 Sheet, Strip and Plate ASTM B161 /725 Pipes	Heat Shields, Furnace Hardware, Gas Turbine Engine Ducting, Combustion Liners Spray Bars, Chemical Plant Hardware, Special Seawater Applications.
Nickel 201	UNS N02201	ASTM B160 Rods, Wires ASTM B564 Bar, Forgings ASTM B162 Sheet, Strip and Plate ASTM B161 /725 Pipes	Flue Gas Desulfurization, Scrubbers, Dampers And Ducts.
SMO 254	UNS N032750 F51 UNS N032760 F55		

Titanium

Titanium	AMS equivalent	Applications
GRADE 2	AMS-T-9046 CP3 AMS 4941	Tubing in aircraft and hydraulic systems, Corrosion resistant pipes and vessels, Recreational products - golf clubs shafts, tennis racquets, bicycle frames Offshore Oil & Gas Equipment, Foil in honey-comb
GRADE 5 Ti 6Al-4V	AMS 4907 ELI /AMS 4911 / AMS 4928 AMS 4930 ELI	Aircraft turbines, Engine components, Aircraft structural components, Aerospace fasteners, High-performance automatic parts, Sports equipments
GRADE 7	AMS-4911	Chemical and production equipment components.
GRADE 11	AMS 4981	Chemical processing, Chlorate manufacturing, Desalination, Marine applications





Special Steels

Alloys	AMS equivalent	Applications
13-8 Ph	AMS 5629, ASTM A564	Injection molding equipment Components in the petrochemical and nuclear industries
15-5Ph	AMS 5659 Bars / Forgings AMS 5826 Welding wire AMS 5862 sheet / strip / plate AMS-H-6875	Aircraft components High pressure corrosive fabricated parts such as valves Shafts / Fasteners Fittings and gears
17-4Ph	AMS 5604 Sheet / Strip / Plate AMS 5622 (Vac Melt) Bar AMS 5642 Bar AMS 5643 Bar MIL-S-25043 17-4 Tube	Pump Shafts Oil Patch Mechanical Seals Aerospace
17-7Ph	AMS 5528 Sheet / Strip / Plate AMS 5529 Sheet/ Strip- Cond C AMS 5568 Welded Tubing AMS 5644 Bars / Forgings AMS 5678 Wire AMS 5824 Welding wire MIL-S-25043	Aircraft and gas turbines Nuclear reactor Paper mills Oil Fields Chemical process components
Duplex F51	ASTM A182 F51 / F60 ASTM A276 F51 / F60 ASTM A479 F51 AISI F51	Pressure Systems / Flanges Valves Fittings / Couplings Rings / Shafts / Forgings.
Super Duplex F53	ASTM A182 F53 ASTM A276 F53 ASTM A479 F53	Marine, Food Processing, Pollution Control, The Oil And Gas And Pulp And Paper Industry
Super Duplex F55 Super Duplex F60	ASTM A182 F55/F60 ASTM A276 F55/F60 ASTM A479 F55/F60 AISI F55/F60	Gas Processing Industries / Petrochemical Industries Power Generation Industries Food Processing Industries / Chemical Industries Fertilizers Industries / Sugar Industries
Stainless Steel	ASTM A 310 / 310S / 309 304/304L/321/347/316/316L	
Cupro Nickel CuNi 90/10	UNS No C 70600	
CuNi 70/30	UNS No C 71500	

Third Party Inspection





Technical Info of Nickel Based Alloys

U.S.A. / GROSSBRITANNIE U.S.A. / GRANDE-BRETAGNE U.S.A. / GREAT BRITAIN													
Analyses	Analyses Composition												
Handelsbezeichnung Designation Commercial Commercial designations	C%	Co%	Cr%	Mo%	Ni%	V%	W%	Ai%	Cu%	Nb/Cb Ta%	Ti%	Fe%	Sonstige Autres -Other %
Monel 400	0.12	-	-	-	65.0	-	-	-	32.0	-	-	1.5	Mn 1.
Monel 401	0.10	-	-	-	43.0	-	-	-	53.0	-	-	0.75	Si 0.25;Mn z25
Monel 404	0.15	-	-	-	52.0-57.0	-	-	0.05	rest/bal	-	-	0.50	Mn 0.10; Si 0.10;So.024
Monel 502	0.10	-	-	-	63.0-17.0	-	-	2.5-3.5	rest/bal	-	0.50	2.0	Mn 1.5;Si:So.010
Monel k 500	0.13	-	-	-	64.0	-	-	2.8	30.0	-	0.60	1.0	Mn 0.8
Monel B	0.10	1.25	0.60	28.0	rest/bal	0.30	-	-	31.0	-	-	1.2	Mn1.0;So.0.04
Hastelloy B2	0.02	1.0	1.0	26.0-30.0	rest/bal	-	-	-	-	-	-	2.0	Mn1.0;Si 0.10
Hastelloy C	0.07	1.25	16.0	17.0	rest/bal	0.30	40	-	-	-	-	5.75	Mn 1.0;Si 0.70
Hadselloy C4	0.015	2.0	14.0-17.0	14.0-17.0	rest/bal	-	-	-	-	-	0.70	3.0	Mn1.0;Si 0.70
Hastelloy C276	0.02	2.5	140-16.5	15.0-17.0	rest/bal	0.35	3.0-4.5	-	-	-	-	4.0-7.0	Mn 1.0;Si 0.05
Incoloy 800	0.04	-	21.0	-	32.0	-	-	0.3	-	-	0.4	45.0	-
Incoloy 801	0.05	-	20.5	-	32.0	-	-	-	-	-	1.1	45.0	-
Incoloy 802	0.35	-	21.0	-	32.0	-	-	0.6	-	-	0.7	45.0	-
Incoloy 804	0.05	-	29.5	-	41.0	-	-	0.3	-	-	0.6	25.4	-
Incoloy 805	0.12	-	7.5	0.50	36.0	-	-	-	0.10	-	-	rest/bal	Mn 0.60;Si 0.50
Incoloy 810	0.25	-	21.0	-	32.0	-	-	-	0.50	-	-	rest/bal	Mn 0.90; Si 0.80
Incoloy 825	0.04	-	21.0	3.0	42.0	-	-	-	2.0	-	1.0	30.0	-
Incoloy 901	0.05	-	12.5	6.0	rest/bal	-	-	-	-	-	2.9	34.0	Mn 0.24;0.12;00.015
Incoloy 903	0.02	15.0	-	-	38.0	-	-	0.7	-	Nb 3.0	1.4	41.0	-
Incoloy 904	0.02	14.0	-	-	33.0	-	-	-	-	-	1.7	50.0	-
Incoloy 600	0.05	-	15.5	-	75.0	-	-	-	-	-	-	8.0	-
Incoloy 601	0.05	-	23.0	-	60	-	-	1.4	-	-	-	14.0	-
Incoloy 610	0.20	-	15.5	-	rest/bal	-	-	-	0.50	Nb 1.0	-	9.0	Mn0.90;Si 2.0
Incoloy 617	0.07	12.5	22.5	9.0	54.0	-	-	1.0	-	-	-	-	-
Incoloy 625	0.05	-	21.5	9.0	61.0	-	-	0.60	-	Nb 3.65	0.60	2.5	Mn 05;Si 0.50
Incoloy671	0.07	12.5	22.5	9.0	51.0	-	-	-	-	-	0.35	-	-
Incoloy 700	0.12	28.5	15.0	3.75	46.0	-	-	3.0	0.05	-	2.20	0.70	Mn 0.10;Si 0.30
Incoloy 702	0.04	-	15.6	-	rest/bal	-	-	3.4	0.10	-	0.70	0.35	Mn 0.05; Si 0.20
Incoloy 705	0.30	-	15.5	-	rest/bal	-	-	-	0.50	-	-	8.0	Mn 0.90; Si 5.5

Chemical Composition of Titanium / Nickel Base Alloys

Grade	UNS Designation	C % Max	Mn % Max	P % Max	S % Max	Si % -	Ni %	Co %	Cu %	Ag %	Fe %	Pb %	Zn % Max	N %	Ti % Max	H % Max	O %
70/30 Cu-Nu	C 71500	0.05	1.0	0.02	0.02	-	29.0-33.0	-	-	-	0.40-1.0	0.02	0.50	-	-	-	-
90/10 Cu-Ni	C 70600	0.05	1.0	0.02	0.02	-	9.0-11.0	-	-	-	1.0-1.8	0.02	0.50	-	-	-	-
Titanium Gr. 2	R 50400	0.08	0.03	-	-	-	-	-	-	-	0.30	-	-	-	-	-	0.25
Titanium Gr. 1	R 50250	0.08	0.03	-	-	-	-	-	-	-	0.20	-	-	-	-	0.015	0.18
Type 17-4PH	-	0.07	1.00	0.04	0.03	1.00	3.00-5.00	3.00-5.00	0.15-0.45	-	-	-	-	-	-	-	-
Nickel 200	2200	0.15	0.35	-	0.01	0.35	99.0	-	-	-	0.40	-	-	-	-	-	-
Nickel 201	2201	-	0.35	-	0.01	0.35	99.0	-	0.25	-	0.40	-	-	-	-	-	-

Disclaimer : Inconel, Monel, Hastelloy are registered trademark of specific manufacturer, name are listed for reference to help identity of the grade.

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 ^g	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



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GENERAL TRADING LLC

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