

Introduction

NANJING XIDIOU STAINLESS STEEL CO.,LTD.

Nanjing Xidiou Stainless Steel co.,ltd established on July 4 2002 in Nanjing. We are a private enterprise for processing stainless steel finished products of 316L,1.4529,904L,AL6XN,2205,2507,C276,310S,Hastelloy,C4,254SMO,654SMO, Monel400,MonelK500 and so on, as well as non standard hardware components and other stainless steel products (flange, angle bar, flat bar,channel, plate, tube, coil..) Products are manufactured according to National and International standar, such as GB,DIN,AISI/ASTM,JIS,BS,etc.Products that can be widely used in many fileds like petroleum chemical industry, electric power desulphurization ,sulfur acid, chemical fiber, sewage treatment industry and other high temperature resistance and corrosion resistance environments have been exported to many countries ,eg, Saudi Arabia, South Korea, Greece ,Vietnam, Germany,England, Italy,etc.

***Xidiou Commitment: Our Credibility ----quality is better than commitment!
Excellence, Innovation,Refinement, Surpass my own***

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Item No.	Product name	Photo	Item No.	Product name	Product name
1	hex cap screw		16	U bolt	
2	Hex head bolt		17	anchor bolt	
3	Button head screw		18	eye bolt	
4	Hex socket screw		19	cotter pin / split pin	
5	Flat head socket screw		20	taper pin	

6	slotted cheese machine screw		21	Flat key	
7	cone point slotted set screw		22	welding rod /covered electrode	
8	cup point socket set screw		23	stainless steel wire processing	
9	dog point socket set screw		24	Flange processing standard or drawing is needed	
10	thread rod full thread		25	stud bolt	

11	Hex nut		26	hex heavy nut	
12	jam nut		27	non standard productus processing, only need provide drawing	
13	cap or acorn nut		28	square washer	
14	flat washer		29	Tab washer	
15	split lock washer / spring washer		30	Taper washer	

Material Name	Similar Material No.	Short description about material
17-4PH	Grade630 (DIN 1.4542) UNS S17400	A martensitic precipitation hardening stainless steel, generally supplied in a solution treated condition
304L	S30403	Austenitic Cr. - Ni stainless, Better corrosion resistance than 302. Essentially non-magnetic, becomes slightly magnetic when cold worked.
316L	S31603 Din1.4404	. Good corrosion resistance to most chemicals, salts, and acids. Molybdenum content in 316L helps resistance to marine environments.
317L	1.4438 UNS S31726 S31703	Alloy 317L is a molybdenum-bearing austenitic stainless steel with greatly increased resistance to chemical attack, provides resistance to sensitization during welding and other thermal processes.
309	S30900	Alloy 309 is primarily used at elevated temperature to take advantage of their oxidation resistance. Alloy 309 is resistant to aqueous corrosion due the high chromium and nickel contents.
AISI 310	(Din 1.4841) UNS S31000	An austenitic stainless steel which is a high temperature resistant grade with good ductility and weldability
AISI 316Ti	(DIN 1.4571) UNS S31635	An austenitic stainless steel with a structure that provides a better high temperature strength and better resistance to temperatures of around 600°C to 900°C
AISI 321	(DIN 1.4541) UNS S32100	An austenitic stainless steel stabilized with titanium for weldability and high temperature applications

347	S34700	Stabilized stainless offering excellent resistance to intergranular corrosion following temperatures in the chromium carbide precipitation range from 800 to 1500 degree C. The addition of columbium and tantalum stabilize against chromium carbide formation
254SMO	(DIN 1.4547) UNS S 31254 F44	A austenitic stainless steel which has a high resistance to crevice corrosion and pitting, with excellent workability and weldability
SAF2205	(DIN 1.4462) UNS S32205 F51 318LN X2CrNiMoN22-5-3	A ferritic/austenitic duplex, it has both excellent corrosion resistance and high strength
SAF2507	(DIN 1.4410) UNS S32750 F53	A ferritic/austenitic super duplex that provides outstanding resistance to acids, caustic solutions and environments in the pulp and paper, chemical and petrochemical industries
AISI 904L	(DIN 1.4539) UNS N08904	An austenitic stainless steel which is a non stabilized high alloy and is highly resistant to sulphuric, acetic and phosphoric acids
AL6XN	UNS N08367	The high nickel and molybdenum content give it good resistance to chloride pitting. Exhibits higher strength than 300 series and is less costly than the traditional nickel-based corrosion resistant alloys.
310S	2520 W1.48412.4819	The strength of this alloy is a combination of good strength and corrosion resistance in temperatures up to 2100 F (1149 C). Due to its relatively high chromium and nickel content it is superior in most environments to 304 or 309 stainless
Monel400	Alloy 400 (DIN 2.4360) UNS N04400	A nickel-copper alloy with good general corrosion resistance and is widely used in the Marine, Chemical and Oil Industries. The alloy has good weld ability and moderate to high strength

MonelK500	Alloy K500 (DIN 2.4375) UNS N05500	A nickel–copper alloy which is age hardened, with the addition of Aluminium and Titanium, with increased strength on Monel 400. Which has excellent corrosion resistance in a wide range applications including petrochemical, marine and chemical industries
Inconel600	Alloy 600 (DIN 2.4816) UNS N06600 2.4816	A nickel–chromium–iron alloy that is corrosion resistant to a wide range of applications. For use at high temperatures, where strength, stability and durability are important
Inconel601	Alloy 601 (DIN 2.4851) UNS N06601 2.4851	This nickel chrome alloys has outstanding stability against oxidation and other forms of high temperature corrosion, use in the petrochemical and chemical industries and in the manufacture of gas turbines and industrial furnaces
Inconel625	Alloy 625 (DIN 2.4856) UNS N06625 2.4856	A nickel chrome alloy that has excellent resistance to corrosion and oxidation over a wide range of applications, which include Seawater, Aerospace and Nuclear reactor components.
Inconel718	Alloy 718 (DIN 2.4668) UNS N07718	A precipitation-harden alloy. It combines corrosion resistance and high strength. Good creep-rupture strength up to 1300f.
Alloy 800	(DIN 1.4876) UNS N 08800/Alloy 800H (DIN 1.4876H) UNS NO8810 UNS NO8811	A family of nickel / iron/ chrome alloys which has excellent resistance to carburization and oxidation at high temperatures used in petrochemical and chemical plant processing equipment , steel production and power generation

InconeI825	Alloy 825 (DIN 2.4858) UNS N08825	A titanium stabilized austenitic nickel–iron–chromium alloy with the addition of copper and molybdenum, which enhances the resistance to chemical corrosion
HastelloyC276	C276 (DIN 2.4819) UNS N10276	A nickel chromium–molybdenum alloy with the addition of tungsten with low carbon and silicon content, which generally does not require solution heat treatment after welding
HastelloyC22	Alloy C22 (DIN 2.4602) UNS N06022	A most versatile Ni-Cr-MO-W alloy available with improved resistance to both uniform and localized corrosion as well as variety of mixed industrial chemicals
Alloy C4	N06455 2.4610	2.4610 (alloy C-4) shows excellent stability against intergranular corrosion, pitting corrosion and stress corrosion as well as reductive mineral acids and chlorides, inorganic and organic chloride-contaminated media.
Alloy 59	(DIN 2.4605) UNS N06059	The chemically stable and high-temperature resistant nickel and cobalt alloy 2.4605 (alloy 59) is mainly used in the chemical industry, flue gas desulphurating plants, paper industry.

