BAOALLOY

上海宝立云实业有限公司

SHANGHAI BAOALLOY INDUSTRY CO .,LTD

PROFESSIONAL STAINLESS STEEL

AND NICKEL-BASED ALLOY

MATERIAL SUPPLIER

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COMPANY PROFILE
企业简介

Shanghai Baoalloy Industry Co., Ltd., the professional supplier of stainless steel and nickel-based alloy, is committed to providing customers worldwide high-quality products and superior services.

Founded in 2014 and based in Yantai, Baoalloy has been dedicating to exporting metal materials and has earned excellent reputation in the industry. As it's grown up very quickly in recent years, Baoalloy moved its head office to Shanghai in 2021 and has owned a large-scale warehouse of total 35,000 square meters. With the branches opened in Singapore, Malaysia and Indonesia, Baoalloy further expands and enhances our already well-established supply chains. By virtue of the professionalism, Baoalloy has established good business relationship with the customers from Japan, South Korea, Australia, India, Pakistan, the UAE, Greece, Romania, the U.S., Canada, Morocco, Peru, etc.

We've been certified by ISO 9001: 2015 quality management system and are well cooperating with TISCO, Ningbo Baoxin, POSCO, JISCO, Northeast Special Steel, Tsingshan Iron and Steel, JNMC, DMSSC and so on. Our products meet the technical requirements of ASTM / ASME / EN / DIN / ISO standard.

Baoalloy sincerely appreciate your attention and use of our products and warmly welcome your valuable comments on our products and services.

BAOALLOY HISTORY

2014

Yantai Baoalloy Pipe Co., Ltd. established to be engaged in foreign trade business of steel pipe products;

2016

US $6,000,000 invested from Singapore partner ACE STEEL ENTERPRISE PTE LTD

2018

Large-scaled warehousing centers In Singapore, Malaysia, Indonesia, products are widely recognized by customers;

2019

Shanghai Baoalloy Industry Co., Ltd. was established, and obtained certifications like ISO9001 quality system and others , and set up the stainless steel pipe product service network in integration with processing and stocking.

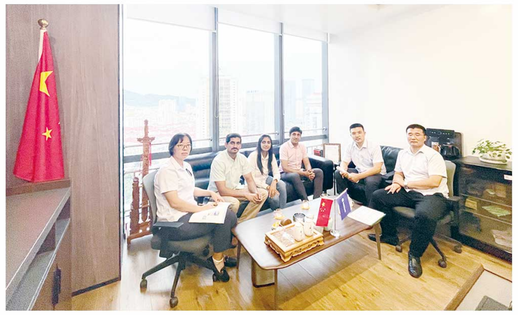
2022

The brand Baoalloy has been widely recognized in the European and American markets by development of EU-US markets and recognation of CE certification.

OUR TEAM

企业团队

Baoalloy, based in Shanghai, the economic center in China, is currently staffed with 98 employees and has the branches in Singapore, Indonesia and Malaysia. Baoalloy is committed to being the professional supplier of stainless steel and nickel-based alloy materials for global customers. We've been certified by ISO 9001: 2015 quality management system. We look forward to cooperating with you!



PIPE / TUBE
管材

Mainly provide seamless and welded pipes for the manufacturing of mechanical parts and engineering structures

主要提供制造机械零件和工程结构的无缝管和焊接管

PIPE STANDARD 管材标准

ASTM	A213 A269 A312 A511 A789 A790 B163 B167 B443 B444 B516 B517 B619 B626
EN/DIN	EN10216-2 EN10216-5 DIN10095 DIN17456 DIN17458 DIN17751
GB	GB5310 GB9948 GB13296 GB14975 GB14976 GB15062

Baoalloy Products are applied in special-propertes metallic mateiral in specific environments and media, including pipes,pipe fittings,bars and plates.

公司产品是应用于特定环境及介质的特殊性能金属材料，包括管材、管件、棒材和板材。

CHEMICAL COMPOSITION 化学成分

Gades	Chemical Composition (wt.)%																	
	C	Si	Mn	S	P	Cu	Al	Ti	Ni	Cr	Mo	Nb+Ta	Co	W	V	B	N	Fe
UNS S30400	≤0.08	<1.00	<2.00	<0.045	<0.030	—	—	—	4.0-11.0	18.0-20	—	—	—	—	—	—	—	—
UNS S31008	≤0.08	<1.00	<2.00	<0.045	<0.030	—	—	—	19.0-22.0	17.0-19.5	<0.75	—	—	—	—	—	—	—
UNS S31 603	≤0.035	<1.00	<2.00	<0.045	<0.030	—	—	—	10.0-14.0	16.0-18.0	2.00-3.00	—	—	—	—	—	—	—
UNS S31 635	≤0.08	<1.00	<2.00	<0.045	<0.030	—	—	5X (c+n) -0.70	10.0-14.0	16.0-18.0	2.00-3.00	—	—	—	—	—	≤0.10	—
UNS S43000	≤0.012	<1.00	<1.00	<0.040	<0.030	—	—	—	—	16.0-18.0	—	—	—	—	—	—	—	—
UNS S43035	≤0.07	<1.00	<1.00	<0.040	<0.030	—	<0.15	~4N (C+N)	<0.50	17.0-19.0	—	—	—	—	—	—	≤0.04	—
UNS S41 000	≤0.15	<1.00	<1.00	<0.040	<0.030	—	—	—	—	11.5-13.5	—	—	—	—	—	—	—	—
UNS N02200	≤0.15	<0.35	<0.35	<0.01	—	<0.25	—	—	≥99	—	—	—	—	—	—	—	—	≤0.40
UNS N02201	≤0.02	<0.35	<0.35	<0.01	—	<0.25	—	—	≥99	—	—	—	—	—	—	—	—	≤0.40
UNS N04400	≤0.30	<0.50	<2.0	<0.024	—	28-34	—	—	≥63	—	—	—	—	—	—	—	—	≤ 2.50
UNS N06600	≤0.15	<0.50	<1.0	<0.015	—	<0.50	—	—	≥72	14.0-17.0	—	—	—	—	—	—	—	6.0-10.0
UNS N06601	≤0.10	<0.50	<1.5	<0.015	—	<1.0	1.0-1.7	—	58-63	21.0-25.0	—	—	—	—	—	—	—	*Re
UNS N06625	≤0.10	<0.50	<0.50	<0.015	<0.015	—	<0.40	<0.40	≥58	20.0-23.0	8.0-10.0	3.15-4.15	<1.0	—	—	—	—	<5.0
UNS N08800	≤0.10	<1.0	<1.5	<0.015	—	<0.75	0.15-0.60	0.15-0.60	30.0-35.0	19.0-23.0	—	—	—	—	—	—	—	≥39.5
UNS N08811	0.06-0.10	<1.0	<1.5	<0.015	—	<0.75	0.15-0.60	0.15-0.6	30.0-35.0	19.0-23.0	—	—	—	—	—	—	—	≥39.5
UNS N08825	≤0.05	<0.50	<1.0	<0.03	—	1.5-3.0	<0.2	0.6-1.2	38.0-46.0	19.5-23.5	2.5-3.5	—	—	—	—	—	—	≥22
UNS N10267	≤0.10	<0.08	<1.0	<0.03	<0.04	—	—	—	*Re	14.5-16.5	15.0-17.0	—	<2.5	3.0-4.5	<0.35	—	—	4.0-7.0
UNS N06022	≤0.15	<0.08	<0.5	<0.02	<0.02	—	—	—	*Re	22.0-22.5	12.5-14.5	—	<2.5	2.5-3.5	<0.35	—	—	20-60
UNS N06200	≤0.10	<0.08	<0.5	<0.010	<0.025	1.3-1.9	<0.5	—	*Re	22.0-24.0	15.0-17.0	—	<2.0	<2.0	—	—	—	<3.0

FITTINGS
管件

Baoalloy Products are applied in special-propertes metallic mateiral in specific environments and media, including pipes,pipe fittings,bars and plates.
公司产品是应用于特定环境及介质的特殊性能金属材料，包括管材、管件、棒材和板材。

FITTINGS STANDARD 管件标准

ASTM	A297 A351 A352 A743
EN/DIN	DIN17445 EN10088
GB	GB2100 GB12230 GB20878 GB24511

PRODUCT TYPES 产品种类

产品种类 Product Type	产品钢种牌号 Product Grade					
奥氏体不锈钢 Austenite Stainless steel	UNS S30400	S30403	S31008	S31600	S31603	S34635
铁元素不锈钢 Ferritic Stainless steel	UNS S40500	S42900	S43000	S44400		
马氏体不锈钢 Martensitic Stainless steel	UNS S41008	S41000	S42000			
镍合金 Nickel alloy	UNS N02200	N02201				
蒙乃尔合金 Monel alloy	UNS N04400	N04405				
因科耐尔合金 Inconel alloy	UNS N06600	N06601	N06625			
因克洛伊合金 Incoloy alloy	UNS N08800	N08811	N8825	N08020	S35045	
哈氏合金 Hastelloy	UNS N10276	N06022	N06200			

Workpieces used to connect pipelines, mainly are categrized by processing parts and precision-casting parts
用于管路的连接工件，主要提供管材加工件和精密铸造件.

PHYSICAL PROPERITIES 物理性能

种类 Steel Type	牌号 Grades	物理性能 Physical properties 密度 Density (g/mm³)	熔点 Melting Point(℃)	屈服强度 Yield Strength	力学性能 Mechanical Properties 抗拉强度 Tensile Strength	延伸率 Elongation-A		硬度 Hardness
奥氏体不锈钢 Austenite Stainless steel	UNS 30400	7.93	389-1 454	205	515	35	25	≤90
	UNS 31603	8	1375-1450	470	485	35	25	≤90
铁元素不锈钢 Ferritic Stainless steel	UNS 43000	7. 70	1480-1508	240	415	20		—
马氏体不锈钢 Martensitic Stainless steel	UNS 41000	7. 70	1480-1530	205	415	20		—
镍合金 Nickel alloy	UNS N02200	8. 89	1435-1446	105-80 (127直径以上)	380	35-40(127直径以上)		—
蒙乃尔合金 Monel alloy	UNS N04400	8.80	1300-1350	195-170 (127直径以上)	480	35		—
因科耐尔合金 Inconel alloy	UNS N06600	8.44	1354-1413	241	552	30		—
	UNS N06625	7. 93	1290-1350	276	690	30		—
因克洛伊合金 Incoloy alloy	UNS N08800	7.94	1357-1385	207	517	30		—
哈氏合金 Hastelloy	UNS N10276	8.89	1325-1370	283	690	40		—

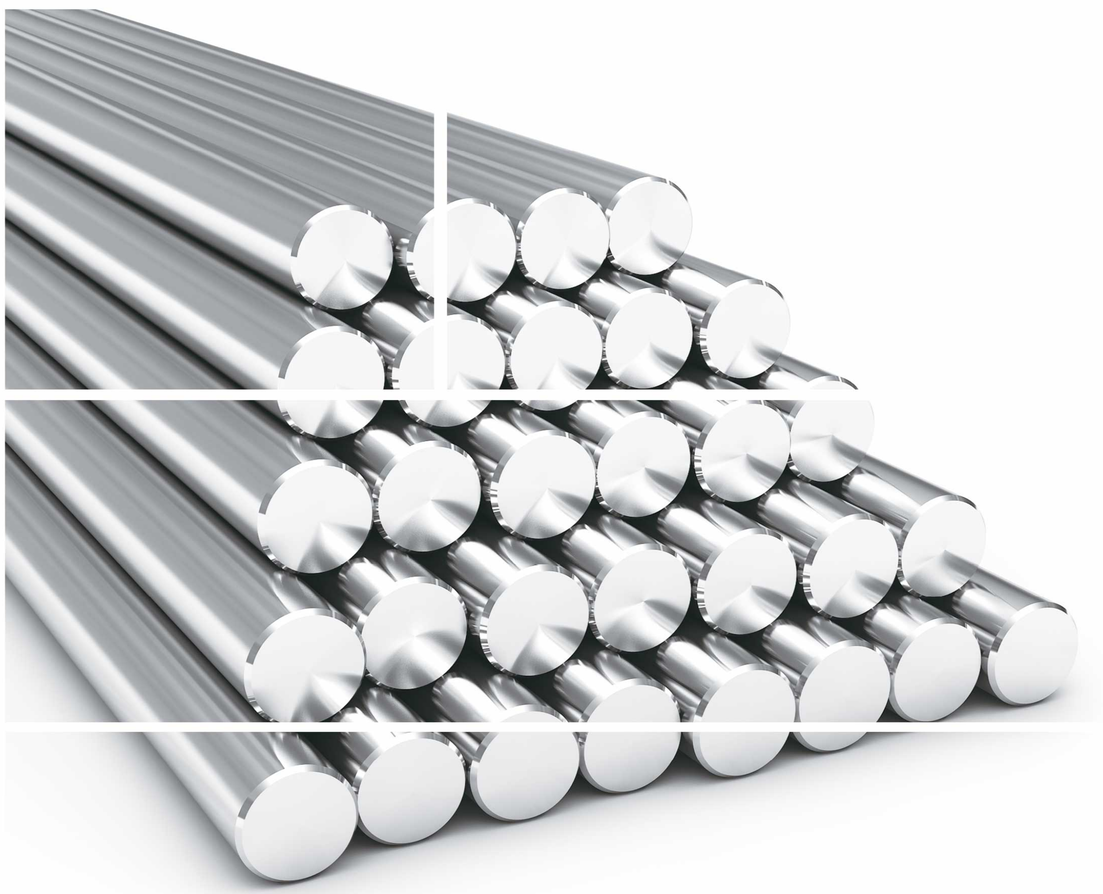
ALLOY BAR
棒材

Mainly provide hot-rolled bars, forged bars and drawn bars

主要提供热轧棒、锻棒和拉拔棒

ALLOY BAR STANDARD 棒材标准

ASTM	A276 A479 A484 B160 B164
EN/DIN	EN10088-3 DIN/EN 10263-5 EN10272
GB	GB1220 GB1221 GB4226



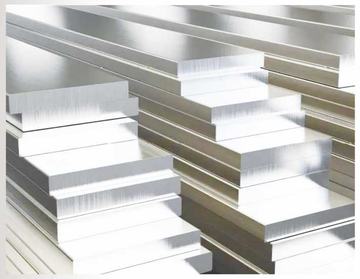
PLATE&SHEET
板材

Mainly provide cold/hot-rolled stainless steel coil, alloy plate, steel strip

主要提供冷/热轧不锈钢钢卷、钢板、带钢

PLATE STANDARD 板材标准

ASTM	A167 A176 A240 B162 B168 B424
EN/DIN	EN10025 EN10088-2 EN10095 EN/DIN10259 EN10051
GB	GB3280 GB4237 GB4238 GB24511

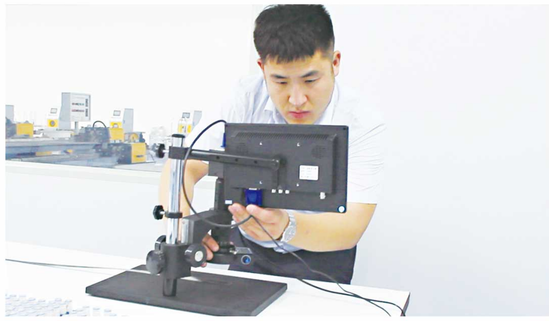


QUALITY

质量管理

QUALITY IS ROOT
HONESTY IS FOUNDATION

With excellent quality management and good reputation,our company can guarantee to provide high-quality products and superb service.



BAOALLOY

Certificate CN22/00001291

The management system of

Shanghai Baoalloy Industry Co .,Ltd

Unified Social Credit Code：91310000MA1H40F9X
Business Registration Address :No.83,Hongxiang North Road Lingang New District China (Shanghai) Pilot Free Tradz Zone
Business Operation Address :No.83,Hongxiang North Road Lingang New District China (Shanghai) Pilot Free Tradz Zone

ISO 9001:2015

For the following activities

Export of seamless steel pipe, stainless steel pipe, welded steel pipe and its fitting
Export of steel bar and steel plate

This certificate is valid from 14 June 2022 until 08 June 2025 and remains valid subject to satisfactory surveillance audits.
Issue 2. Certified since 09 June 2022.

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park, Ellesmere Port, Cheshire, CH65 3EN, UK
t +44 (0)151 350-6666 - www.sgs.com
The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

UKAS MANAGEMENT SYSTEMS 0005

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

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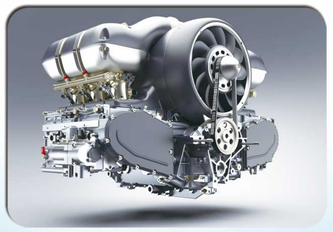
APPLICATIONS FIELD

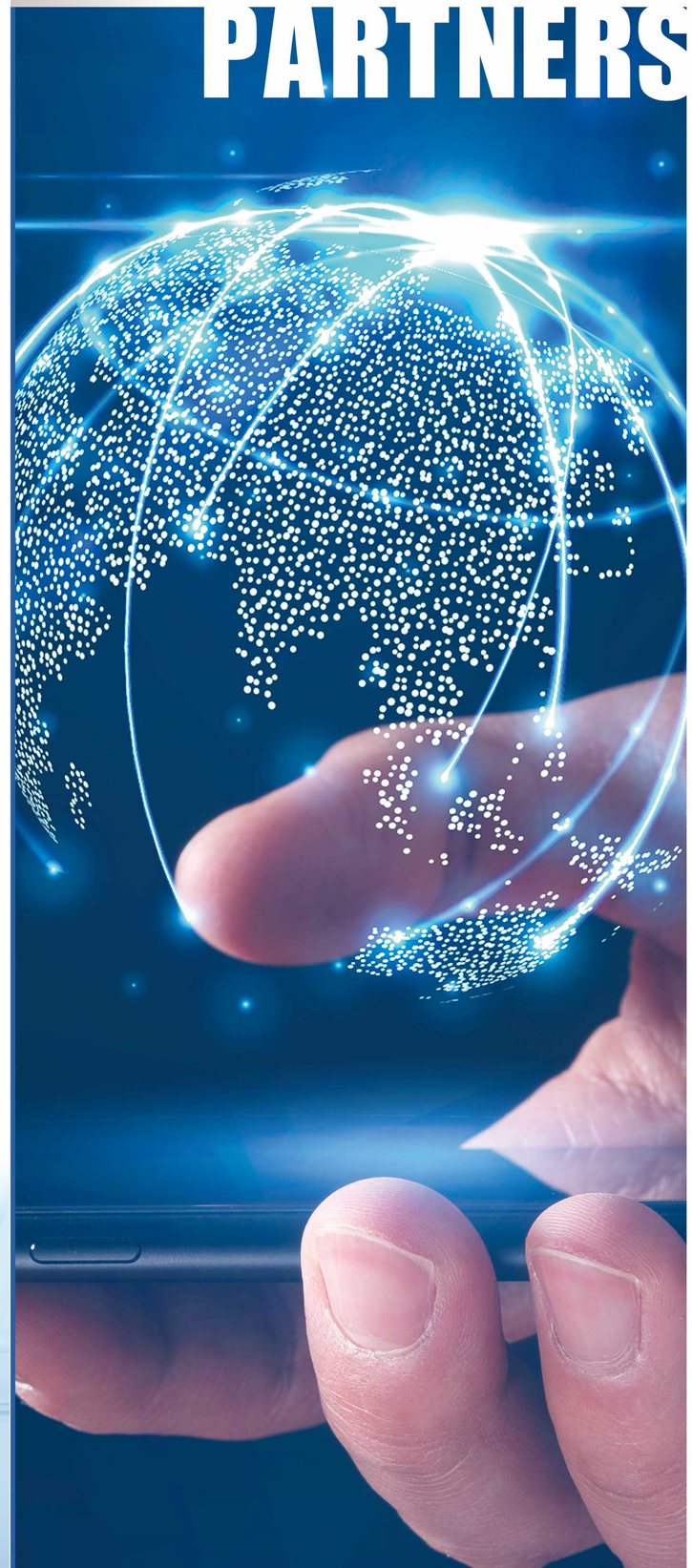
应用领域

Stainless steel and nickel-based alloys are widely used in multiple fields like aeroplane engines, automotive engines, gas turbines, nuclear power, petrochemical and others with the excellent anti-oxidation and anti-thermal-corrosive-resistance.

不锈钢及镍基合金凭借优异的抗氧化和抗热腐蚀性能在航空发动机、汽车发动机、燃气轮机、核电、石油化工等多个领域广泛应用。



PARTNERS



BAOSTEEL

TSINGSHAN STEEL 青山钢铁

posco MPPC

NIPPON STEEL & SUMITOMO METAL

日新製鋼

SPECIAL METALS

arvato BERTELSMANN

ArcelorMittal

thyssenkrupp

TISCO