

创新引领 共享发展

Innovation Leads the Way ,Development is for Shared Benefits



# 坤成金属集团

Kuncheng Metal Group



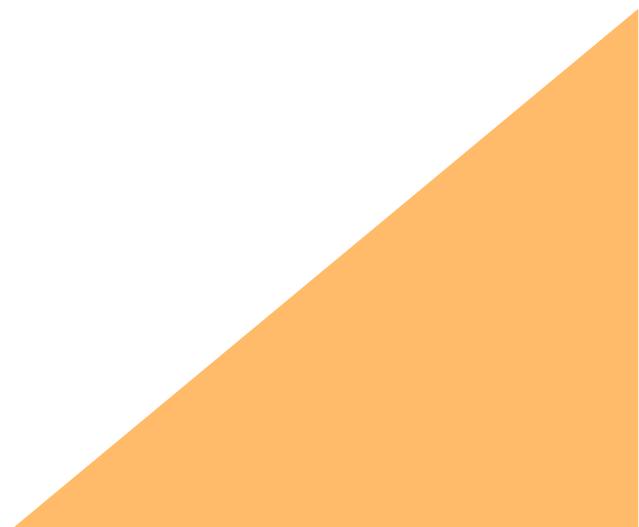
全球不锈钢、特殊高温合金解决方案提供商

Global provider of stainless steel and special high-temperature alloy solutions.



# 目录

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## **企业定位** Enterprise Positioning

**全球不锈钢、特殊高温合金解决方案提供商**

Global provider of stainless steel and special high-temperature alloy solutions.

## **发展理念** Development philosophy

**创新务实 超越自我 追求卓越**

Be innovative and practical, surpass oneself and pursue excellence.

## **服务理念** Service concept

**人至上，客至尊**

People are of utmost importance and customers are of supreme dignity.

## **生存理念** Survival concept

**不进则退，随时都有灭亡的危险**

If one does not progress, one will regress. There is always the danger of perishing at any time.

## **追求共赢** Pursue win-win results.

**以客户为中心，以员工为本，追求员工、公司、客户和社会的共赢**

Center on customers and focus on employees, striving for a win-win situation among employees, the company, customers and society.

坤成金属集团成立于2008年8月，公司自创立至今一直致力于经营管理与技术开发，已建立起具有独立品牌、创新技术和严谨的质量管理体系。严格按照ISO9001:2015体系认证、PED、特殊设备制造许可证及IATF 16949、GJB 9001C等质量管理体系的标准生产制造。

其涵盖了不锈钢冷精棒材、型钢及异形钢、不锈钢管材、盘元等；产品涵盖300、400、双相钢系列(2205,2507,F55等),沉淀硬化型钢(17-4PH,17-7PH)、超级不锈钢(904级不锈钢(904L)、低合金钢(Q345系列)、高温合金钢(Inconel 901、Inconel 625、Inconel 718等)、耐蚀合金(Incoloy 800、Incoloy 8028等)等。其中以汽车、医疗、光伏广电、船舶、泵轴、电梯、核电等产品为主导产品，并广泛应用于石油、化工、航空、机械等多个行业。

本公司自研发、生产、销售均导入K/3等企业管理资源系统，并致力于满足客户需求的产品和服务，与走在最前沿同仁携手前行，立足成为不锈钢、特殊钢解决方案优质供应商，使客户创造利润、永续发展！

Kuncheng Metal Group was founded in August 2008. Since its establishment, the company has been dedicated to business management and technological development, and has already built up an independent brand, innovative technologies and a strict quality management system. It strictly manufactures products in line with the standards of various quality management systems such as ISO9001:2015 system certification, PED, Special Equipment Manufacturing License, IATF 16949, and GJB 9001C

Its product range covers stainless steel cold-finished bars, section steels, special-shaped steels, stainless steel pipes, and wire rods, etc. The products include 300 and 400 series, duplex steel series (like 2205, 2507, F55, etc.), precipitation hardening steels (17-4PH, 17-7PH), super stainless steels (904 grade stainless steel (904L)), low-alloy steels (Q345 series), high-temperature alloy steels (Inconel 901, Inconel 625, Inconel 718, etc.), corrosion-resistant alloys (Incoloy 800, Incoloy 8028, etc.). Among them, products for automobiles, medical care, photovoltaic power generation, ships, pump shafts, elevators, nuclear power, etc. are the leading products, and are widely applied in multiple industries such as petroleum, chemical engineering, aviation, and machinery.

Our company has introduced enterprise management resource systems like K/3 into the processes of independent R & D, production, and sales, and is committed to providing products and services that meet customers' needs. We will move forward hand in hand with colleagues who are at the forefront, aiming to become a high-quality supplier of solutions for stainless steel and special steels, enabling customers to create profits and achieve sustainable development.







# 车间生产智能管理系统——MES系统

## Intelligent Workshop Production Management System—MES

### 实现生产过程的数字化转型

Achieve the digital transformation of the production process.

提升管理效率、优化生产决策

生产过程进度可视化

不良品数量去向实时追踪

库存数据实时准确更新

高效的协同作业





全自动高速金属圆锯机  
Fully automatic high-speed metal circular sawing machine



矫直压光机  
Straightening and Calendering Machine



拉拔机  
Drawing Machine



卧式带锯床  
Horizontal Band Saw Machine



直棒剥皮机  
Straight Bar Peeling Machine



盘条剥皮机  
Wire Rod Peeling Machine



无心磨床M1080  
Centerless Grinding Machine M1080



无心磨床M1083A  
Centerless Grinding Machine M1083A



无心磨床M1050A  
Centerless Grinding Machine M1050A



无心磨床M1080B  
Centerless Grinding Machine M1080B



无心磨床M1040A  
Centerless Grinding Machine M1080



Q5圆锯机  
Q5 Circular Saw Machine

- 公司获得ISO 9001质量管理体系认证、IATF 16949质量管理体系认证、GJB 9001C武器装备质量管理体系认证。

The company has obtained the ISO 9001 Quality Management System Certification, the IATF 16949 Quality Management System Certification, and the GJB 9001C Quality Management System Certification for Weaponry and Equipment.
- 公司品质部负责质量管理体系的建立、维护与监督，同时进行质量把控、质量改进、客户质量服务的工作。

The Quality Department of the company is responsible for the establishment, maintenance and supervision of the quality management system. Meanwhile, it undertakes the work of quality control, quality improvement and customer quality service.
- 利用年度的内部评审和外部评审，去确认质量手册是否符合相关要求、是否有效以及是否适宜实际情况。

Utilize the annual internal audits and external audits to confirm whether the quality manual complies with relevant requirements, is effective and is suitable for the actual situation.



# 完善的检查设备

Sophisticated Inspection Equipment



数显洛氏硬度计  
Digital Display Rockwell  
Hardness Tester



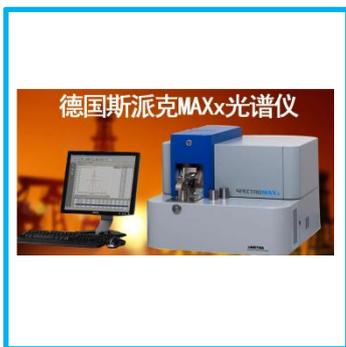
影像测量仪  
Image Measuring Instrument



金相显微镜  
Metallurgical Microscope



光谱磨样机  
Spectrographic Grinding  
Machine



德国斯派克MAXx光谱仪  
Spectro Spectrometer



冲击试样缺口投影仪  
Impact Specimen Notch Projector



金相试样镶嵌机  
Metallographic Specimen  
Mounting Machine



金相试样切割机  
Metallographic Specimen Cutting  
Machine



电子万能试验机  
Electronic Universal Testing  
Machine



冲击功试验机  
Impact Energy Testing Machine



冲击试样缺口制样机  
Impact Sample Notch Machine



冲击试样低温槽  
Impact Specimen Low Temperature  
Bath



超声探伤仪  
Ultrasonic Flaw Detector



涡流探伤仪  
Eddy Current Flaw Detector

## 冷精棒 Cold Finished Bar

冷精棒由盘元或热轧酸洗棒，再经由冷抽加工制成冷精棒，包含圆棒、研磨棒及各式异形棒。我司可生产提供多样化冷精棒产品，品质精良、稳定性高，具有直度佳、精度高、易切削之特性。

Cold finished bars are manufactured from wire rods or hot-rolled pickled bars through cold drawing processing. They include round bars, ground bars and various special-shaped bars. Our company is capable of producing and supplying a diverse range of cold finished bar products with excellent quality and high stability. These products feature good straightness, high precision and easy machinability.



## 应用领域 Application fields

广泛应用于精密零件加工与模具制造、汽车发动机及底盘车身部件、电子设备结构件及元器件制造、手术器械制造及医疗设备部件、航空航天、化工领域、能源领域以及食品加工等诸多领域。

It is widely used in various fields such as precision parts processing and mold manufacturing, automotive engine and chassis & body components, electronic equipment structural parts and component manufacturing, surgical instrument manufacturing and medical equipment parts, aerospace, chemical industry, energy sector (such as nuclear power industry), and food processing.



## 可供产品列表

### List of Products

钢种牌号 Grade	303 (1.4305)、303CU、303F、304HC、304/304L (1.4307)、316/316L (1.4404)、316Ti (1.4571)、310S(1.4845)、314(1.4841)、410 (1.4006)、416 (1.4005)、420(1.4021.)、420J2 (1.4028)、430 (1.4016)、430F(1.4105)、431(1.4057)、41501(1.4418)、310S (1.4845)、630 (1.4542).....等
产品 Products	剥皮棒 Peeled Bar、冷拉棒 Cold Drawn Bar、无心研磨棒 Centerless Ground Bar
形状 Shape	圆 Round Bar、六角 Hex Bar、四角 Square Bar、特殊形状 Special Shapes
长度 Length	可定制 Customizable

## 无缝钢管 Seamless Steel Tubes

我司可提供钢种类别多、产品尺寸齐全，品质精良。此外检测设备齐全，可根据国家标准（GB）、美标（ASTM、ASME）、德标（DIN）、欧标（EN）、日标（JIS）等标准供货，满足客户质量方面之要求。

Our company can provide a wide variety of steel types, complete product sizes, and excellent quality. In addition, we have a full range of testing equipment and can supply products in accordance with standards such as the Chinese National Standard (GB), American Standards (ASTM, ASME), German Standard (DIN), European Standard (EN), and Japanese Standard (JIS), meeting the quality requirements of our customers.



### 可供产品列表

#### List of Products

钢种牌号 Grade	303 (1.4305)、303CU、303F、304HC、304/304L (1.4307)、316/316L (1.4404)、316Ti (1.4571)、310S(1.4845)、314(1.4841)、410 (1.4006)、416 (1.4005)、420(1.4021.)、420J2 (1.4028)、430 (1.4016)、430F(1.4105)、431(1.4057)、41501(1.4418)、310S (1.4845)、630 (1.4542).....等	
产品 Products	直管 Straight Pipe、盘管 Coiled Tube	
长度 Length	可定制 Customizable	
规格 Size	外径	厚度
	6-530mm	0.89-40

## 镍合金 **Nickel alloy**

镍合金以镍为主要成分，添加多种元素。它具备出色的高温、耐蚀、耐磨及特殊物理性能，分为高温、耐蚀、耐磨、精密等几大类，在航空航天、化工等多领域广泛应用。

Nickel alloys have nickel as the matrix and contain multiple alloying elements. They possess excellent high-temperature, corrosion-resistant, wear-resistant and special physical properties. They can be divided into several major categories such as high-temperature alloys, corrosion-resistant alloys, wear-resistant alloys and precision alloys, and are widely used in fields like aerospace, chemical industry and so on.



## 可供产品列表

### List of Products

钢种牌号 Grade	高温合金 High Temperature Alloy	Inconel 901、Inconel 625、Inconel X-750、Inconel 718、A-286、Hastelloy X、Nimonic 80A、GH3030.....等
	耐蚀合金 Corrosion Resistant Alloy	Incoloy 800、Incoloy800H、Incoloy825、Inconel600、Inconel601、Inconel 617、Inconel 690、Hastelloy B、Hastelloy B2、Hastelloy B3、Hastelloy C、Monel 400、Monel K-500.....等
产品 Products	棒材 Bar、管材 Tube、带材 Strip、板plate材、锻件 Forgings、法兰 Flanges	
长度 Length	可定制 Customizable	
执行标准 Standard	美标 ASTM B、国标 GB GB/T	





# 钢种牌号对照表

Steel Grade Comparison Table.

NO.	中国GB		日本	美国		欧盟
	旧牌号	新牌号	JIS	ASTM	UNS	BS EN
<b>奥氏体不锈钢</b>						
1	1Cr17Mn6Ni5N	12Cr17Mn6Ni5N	SUS201	201	S20100	1.4372
2	1Cr18Mn8Ni5N	12Cr18Mn9Ni5N	SUS202	202	S20200	1.4373
3	1Cr17Ni7	12Cr17Ni7	SUS301	301	S30100	1.4319
4	0Cr18Ni9	06Cr19Ni10	SUS304	304	S30400	1.4301
5	00Cr19Ni10	022Cr19Ni10	SUS304L	304L	S30403	1.4306
6	0Cr19Ni9N	06Cr19Ni10N	SUS304N1	304N	S30451	1.4315
7	0Cr19Ni10NbN	06Cr19Ni10NbN	SUS304N2	XM21	S30452	-
8	00Cr18Ni10N	022Cr19Ni10N	SUS304N	304N	S30453	-
9	1Cr18Ni12	10Cr18Ni12	SUS305	305	S30500	-
10	0Cr23Ni13	06Cr23Ni13	SUS309S	309S	S30908	1.4833
11	0Cr25Ni20	06Cr25Ni20	SUS310S	310S	S31008	1.4845
12	0Cr17Ni12Mo2	06Cr17Ni12Mo2	SUS316	316	S31600	1.4401
13	0Cr18Ni12Mo3Ti	06Cr17Ni12Mo2Ti	SUS316Ti	316Ti	S31635	1.4571
14	00Cr17Ni14Mo2	022Cr17Ni12Mo2	SUS316L	316L	S31603	1.4404
15	0Cr17Ni12Mo2N	06Cr17Ni12Mo2N	SUS316N	316N	S31651	-
16	00Cr17Ni13Mo2N	022Cr17Ni13Mo2N	SUS316LN	316LN	S31653	1.4429
17	00Cr18Ni14Mo2Cu2	022Cr18Ni14Mo2Cu2	SUS316J1L	-	-	-
18	0Cr18Ni12Mo2Cu2	06Cr18Ni12Mo2Cu2	SUS316J1	-	-	-
19	0Cr19Ni13Mo3	06Cr19Ni13Mo3	SUS317	317	S31700	-
20	00Cr19Ni13Mo3	022Cr19Ni13Mo3	SUS317L	317L	S31703	1.4438
21	0Cr18Ni10Ti	06Cr18Ni11Ti	SUS321	321	S32100	1.4541
22	0Cr18Ni11Nb	06Cr18Ni11Nb	SUS347	347	S34700	1.4550

# 钢种牌号对照表

Steel Grade Comparison Table.

NO.	中国GB		日本	美国		欧盟
	旧牌号	新牌号	JIS	ASTM	UNS	BS EN
<b>奥氏体-铁素体型不锈钢 (双相不锈钢)</b>						
23	0Cr26Ni5Mo2	-	SUS329J1	329	S32900	1.4477
24	00Cr18Ni5Mo3Si2	022Cr19Ni5Mo3Si2N	SUS329J3L	-	S31803	1.4462
<b>铁素体型不锈钢</b>						
25	0Cr13Al	06Cr13Al	SUS405	405	S40500	1.4002
26		022Cr11Ti	SUH409	409	S40900	1.4512
27	00Cr12	022Cr12	SUS410L	-	-	-
28	1Cr17	10Cr17	SUS430	430	S43000	1.4016
29	1Cr17Mo	10Cr17Mo	SUS434	434	S43400	1.4113
30		022Cr18NbTi	-	-	S43940	1.4509
31	00Cr18Mo2	019Cr19Mo2NbTi	SUS444	444	S44400	1.4521
<b>马氏体型不锈钢</b>						
32	1Cr12	12Cr12	SUS403	403	S40300	-
33	1Cr13	12Cr13	SUS410	410	S41000	1.4006
34	2Cr13	20Cr13	SUS420J1	420	S42000	1.4021
35	3Cr13	30Cr13	SUS420J2	-	-	1.4028
36	7Cr17	68Cr17	SUS440A	440A	S44002	-
<b>高温合金</b>						
37	GH901	GH2901	-	UNS N07080	-	-
38	NS336	NS3306	-	UNS N06625	-	-
39	GH4145	GH4145	-	UNS N07750	-	-
40	GH4169	GH4169	-	UNS N07718	-	-
41	GH132	GH2132	-	UNS S66286	-	-
42	GH536	GH3536	-	UNS N06002	-	-
43	GH80A	GH4080A	-	UNS N07080	-	-
44	GH3030	GH3030	-	-	-	-

# 钢种牌号对照表

Steel Grade Comparison Table.

NO.	中国GB		日本	美国		欧盟
	旧牌号	新牌号	JIS	ASTM	UNS	BS EN
<b>耐蚀合金</b>						
45	NS111	NS1101		UNS N08800		
46	NS112	NS1102	-	UNS N08810	-	-
47	-	-	-	UNS N08811	-	-
48	NS143	NS1403	-	UNS N08020	-	-
49	-	-	-	UNS N08028	-	-
50	NS142	NS1402	-	UNS N08825	-	-
51	NS312	NS3102	-	UNS N06600	-	-
52	NS313	NS3103	-	UNS N06601	-	-
53	-	-	-	UNS N06617	-	-
54	NS336	NS3306	-	UNS N06625	-	-
55	NS315	NS3105	-	UNS N06690	-	-
56	NS321	NS3201	-	UNS N10001	-	-
57	NS322	NS3202	-	UNS N10665	-	-
58	-	NS3203	-	UNS N10675	-	-
59	NS333	NS3303	-	-	-	-
60	-	NS3308	-	UNS N06022	-	-
61	NS334	NS3304	-	UNS N10276	-	-
62	-	-	-	UNS N05500	-	-
63	-	-	-	UNS S31254	-	-
64	-	-	-	UNS N08904	-	-

### 常用奥氏体型不锈钢、耐热钢和奥氏体-铁素体型不锈钢牌号及其化学成分表

No	GB/T20878-2007	美国 牌号 ASTM	化学成分(质量分数)%(成分为GB/T20878-2007标准)									
	中国新牌号		C	Si	Mn	P	S	Ni	Cr	Mo	N	其他元素 other
1	12Cr17Mn6Ni5N	201	0.15	1	5.50-7.50	0.05	0.03	3.50-5.50	16.00-18.00		0.05-0.25	
2	12Cr18Mn9Ni5N	202	0.15	1	7.50-10.00	0.05	0.03	4.00-6.00	17.00-19.00		0.05-0.25	
3	12Cr17Ni7	301	0.15	1	2	0.045	0.03	6.00-8.00	16.00-18.00		0.1	
4	12Cr18Ni9	302	0.15	1	2	0.045	0.03	8.00-10.00	17.00-19.00		0.1	
5	06Cr19Ni10	304	0.08	1	2	0.045	0.03	8.00-11.00	18.00-20.00			
6	022Cr19Ni10	304L	0.03	1	2	0.045	0.03	8.00-12.00	18.00-20.00			
7	07Cr19Ni10	304H	0.04-0.10	1	2	0.045	0.03	8.00-11.00	18.00-20.00			
8	06Cr19Ni10N	304N	0.08	1	2	0.045	0.03	8.00-11.00	18.00-20.00		0.10-0.16	
9	10Cr18Ni12	305	0.12	1	2	0.045	0.03	10.50-13.00	17.00-19.00			
10	06Cr20Ni11	308	0.08	1	2	0.045	0.03	10.00-12.00	19.00-21.00			
11	16Cr23Ni13	309	0.2	1	2	0.04	0.03	12.00-15.00	22.00-24.00			
12	06Cr23Ni13	309S	0.08	1	2	0.045	0.03	12.00-15.00	22.00-24.00			
13	20Cr25Ni20	310	0.25	1.5	2	0.04	0.03	19.00-22.00	24.00-26.00			
14	06Cr25Ni20	310S	0.08	1.5	2	0.045	0.03	19.00-22.00	24.00-26.00			
15	06Cr17Ni12Mo2	316	0.08	1	2	0.045	0.03	10.00-14.00	16.00-18.00	2.00-3.00		
16	06Cr17Ni12Mo2Ti	316Ti	0.08	1	2	0.045	0.03	10.00-14.00	16.00-18.00	2.00-3.00		Ti≥5C
17	022Cr17Ni12Mo2	316L	0.03	1	2	0.045	0.03	10.00-14.00	16.00-18.00	2.00-3.00		
18	06Cr17Ni12Mo2N	316N	0.08	1	2	0.045	0.03	10.00-13.00	16.00-18.00	2.00-3.00	0.10-0.16	
19	07Cr17Ni12Mo2	316H	0.04-0.10	1	2	0.045	0.03	10.00-14.00	16.00-18.00	2.00-3.00		
20	022Cr17Ni12Mo2N	316LN	0.03	1	2	0.045	0.03	10.00-13.00	16.00-18.00	2.00-3.00	0.10-0.16	
21	06Cr19Ni13Mo3	317	0.08	1	2	0.045	0.03	11.00-15.00	18.00-20.00	3.00-4.00		
22	022Cr19Ni13Mo3	317L	0.03	1	2	0.045	0.03	11.00-15.00	18.00-20.00	3.00-4.00		
23	06Cr18Ni11Ti	321	0.08	1	2	0.045	0.03	9.00-12.00	17.00-19.00			Ti 5C-0.70
24	07Cr19Ni11Ti	321H	0.04-0.10	0.75	2	0.03	0.03	9.00-13.00	17.00-20.00			Ti 4C-0.60
25	06Cr18Ni11Nb	347	0.08	1	2	0.045	0.03	9.00-12.00	17.00-19.00			Nb 10C-1.10
26	07Cr18Ni11Nb	347H	0.04-0.10	1	2	0.045	0.03	9.00-12.00	17.00-19.00			Nb 8C-1.10
27	022Cr23Ni5Mo3N	2205	0.03	1	2	0.03	0.02	4.50-6.50	22.00-23.00	3.00-3.50	0.14-0.20	



# 硬度对照表

Hardness Comparison Table



坤成金属集团  
Kuncheng Metal Group

