



宝鸡市宏亚达 有色金属材料有限公司

BAOJI HONG YA DA
NONFERROUS METAL MATERIALS CO.,LTD.



宝鸡市宏亚达有色金属材料有限公司

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公司简介

宝鸡市宏亚达有色金属材料有限公司是一个加工、销售钛、镍、锆、钨、钼、钽、铌等板、棒、管、丝、管件材料、制品及设备的综合性企业。

公司位于有“世界钛谷”之称的陕西省宝鸡市高新区宝钛新区旭光工业园。依靠优越的自然资源，便利的交通，优良的品质，可靠的信誉，我们先后与国内外朋友建立业务关系。

我们的产品主要包括：

材料类：

1. 钛及钛合金 钛板、钛管、钛棒、钛丝、钛环、钛锻件、钛阳极等
2. 镍及镍合金 镍板、镍管、镍棒、镍丝、镍环、镍锻件、镍阴极等
3. 锆及锆合金 锆板、锆管、锆棒、锆丝、锆环、锆锻件等
4. 钨 板、棒、管、丝、钨舟、坩埚等
5. 钼 板、棒、管、丝、钼舟、钼圆、坩埚等
6. 钽 板、棒、管、丝、钽舟、坩埚等
7. 铌 板、棒、管、丝、铌舟、坩埚等
8. 复合材料 钛/钢复合、镍/钢复合、锆/钢复合、铝/铜复合、钢/不锈钢复合、钛/铜复合 板、棒等

管件类：

管道、法兰、弯头、三通、大小头、异径管、螺栓、垫片、螺帽等

设备类：

管式换热器、板式换热器、反应釜、蒸发器等

以市场为导向

以网络为基础

以人才为根本

以发展为前提



我们的产品广泛应用于航空、航天、化工设备、石油、汽车等行业。

为保证最高品质，公司委托权威机构西北有色院和宝钛试验中心对每个订单进行化学成分和力学性能检测。

诚邀您参观，洽谈，给我们机会合作。

以市场为导向
以网络为基础
以质量谋发展



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COMPANY PROFILE

Baoji Hong Ya Da Nonferrous Metal Materials Co.,Ltd. is a integrated enterprise, which specializing in processing, marketing and distributing titanium, nickel, zirconium, tungsten, molybdenum, tantalum, niobium materials and other nonferrous metals in forms of plate, bar, tube, wire, pipe fittings and so on.

It was located in China titanium Valley-Xuguang Industry Zone Baoti New Area Wein District Baoji city. Depend on superior natural resources, convenient transportation, excellent quality, credible reputation, we have successively established business relations with friends both domestic and abroad.

OUR MAIN PRODUCTS INCLUDE :

Materials

1. Titanium and titanium alloy plate/sheet, tube/pipe, bars/rods, wire, rings, forges, anode and etc.
2. Nickel and nickel alloy plate/sheet, tube/pipe, bars/rods, wire, rings, forges, cathod, and etc.
3. Zirconium and zirconium alloy plate/sheet, tube/pipe, bars/rods, wire, ring, forges and etc.
4. Tungsten plate, bar,tube, wire, boat, crucible, and so on.
5. Molybdenum plate, bar, disc, tube, wire, boat, crucible, and so on.
6. Tantalum plate, bar,tube, wire, boat, crucible, and so on.
7. Niobium plate, bar,tube, wire, boat, crucible, and so on.
8. Clad materials Ti/steel clad plates, Ni/steel clad plates, Zr/steel clad plates, Al/Cu clad plates, Steel/Ss clad plates, Ti/Cu clad plates and bars, and etc.

Pipe and Fittings

Pipeline, flanges, elbows, stub-end, fasteners, and etc.

Metal equipments

Tube heat exchangers, plate heat exchangers, reaction kettles, evaporators, etc.

Our product has been widely used in fields of aviation, aerospace, Industry equipment, petroleum chemical, automotive and so on.

In order to guarantee quality, we entrust the authoritative organization Northwest Institute For Non-Ferrous Metal Research and Baoti Test Center to do test of chemical composition and mechanical property of each order.

Welcome you to visit us and give us opportunity to be of service. For more details, please visit our website www.hydtitanium.com.



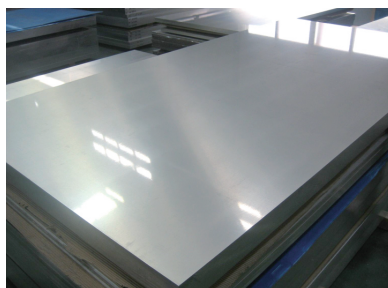
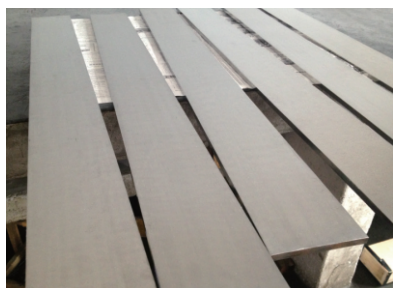


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BAOJI HONG YA DA NONFERROUS METAL MATERIALS CO.,LTD.

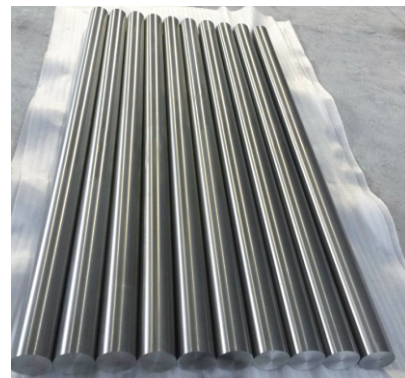
板材 SHEET/PLATE

材质 Material	牌号 Grade	规格 Specification (mm)	制造方法 Manufacturing Method	状态 Condition	执行标准 Standards	
					中国 China	其他 Others
钛材 Titanium	Gr1(TA1) Gr2(TA2) Gr3(TA3) Gr4(TA4) Gr5(TC4) Gr6(TA7) Gr7(TA9) Gr9(TA18) Gr11(TA9-1) Gr12(TA10) Gr23(TC4ELI)	$(3.0\sim60) \times (400\sim1000) \times \leq 3000$ $(5.0\sim60) \times (1000\sim2000) \times \leq 6000$	热轧 Hot Rolled	M R	GB/T3621 GB/T14845 GB/T13810	ASTM B265 ASME SB265 AMS 4911 ASTMF67 ASTMF136 ISO5832-2 ISO5832-3 及其相关标准 Other related standards
		$(0.3\sim3.0) \times (400\sim1000) \times \leq 3000$ $(0.1\sim0.3) \times (100\sim500) \times L$ $(0.02\sim0.1) \times (50\sim300) \times L$	冷轧 Cold Rolled	M m Y		
镍材 Nickel	N4 N5(NW2201, UNS NO2201) N6 N7(NW2200, UNS NO2200) NSi0.19 NMg0.1	$(4.1\sim50) \times (300\sim3000)$ $\times (500\sim7500)$	热轧 Hot Rolled	R M	GB/T2054	ASTM B162
		$(0.3\sim4.0) \times (300\sim1400)$ $\times (500\sim7500)$	冷轧 Cold Rolled	Y Y2 M		
锆材 Zirconium	Zr702 Zr705	$(0.3\sim4.0) \times (300\sim1400) \times (500\sim7500)$ $(4.1\sim60) \times (300\sim1400) \times (500\sim7500)$	热轧 Hot Rolled	R M	GB/T21183	ASTM B551 ASTMSB551
		$0.31\sim4.75 \times \leq 1000 \times \leq 3048$ $0.01\sim0.30 \times \leq 300 \times \leq L$	冷轧 Cold Rolled	Y		



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棒材 BAR / ROD



材 质 Material	牌 号 Grade	状 态 Condition	规 格 Specification (mm)	执行标准 Standards
钛材 Titanium	Gr1 (TA1) Gr2(TA2) Gr3 (TA3) Gr4 (TA4) Gr5(TC4) Gr6(TA7) Gr7(TA9) Gr9(TA18) Gr11(TA9-1) Gr12(TA10) Gr23(TC4ELI)	R M Y	$\Phi 3 \sim \Phi 350 \times \leq 6000$	GB/T 2965 GB/T 13810 ASTM B348 ASME SB348 AMS 4928 ASTM F67 ASTM F136 MIL-T-9047G ISO5832-2 ISO5832-3 及其相关标准 Other related standards
镍材 Nickel	N4 N5(NW2201 UNS NO2201) N6 N7(NW2200 UNS NO2200)	Y M Y2	$\Phi 3 \sim \Phi 300 \times \leq 6000$	GB/T4435 ASTM B160
锆材 Zirconium	Zr702 Zr705	R M	$\Phi 3 \sim \Phi 350 \times \leq 6000$	GB/T8769 ASTM B550 ASTM SB550

管材 TUBE / PIPE



材质 Materials	牌号 Grade	标准 Standards	
		国标 China	其他 Others
钛	Gr1(TA1) Gr2(TA2) Gr5(TC4) Gr7(TA9) Gr9(TA18) Gr11(TA9-1) Gr12(TA10)	GB/T3624 GB/T3625	ASTM B337 ASTM B338 ASTM B861 ASTM B862 及其相关标准 Other related standards
镍	N4 Ni201 N6 Ni200	GB/T2882	ASTM B161 ASTM B163
锆	Zr702 Zr705	GB/T26283	ASTMB523



外径 Outside Diameter	壁厚 Thickness (mm)																状态 State
	0.2	0.3	0.5	0.6	0.8	1	1.25	1.5	2	2.5	3	3.5	4	4.5	5	10	
3~5	●	●	●	●													R M Y
>5~10		●	●	●	●	●	●										
>10~15			●	●	●	●	●										
>15~20				●	●	●	●	●	●	●							
>20~30				●	●	●	●	●	●	●	●						
>30~40						●	●	●	●	●	●	●					
>40~50							●	●	●	●	●	●	●				
>50~60								●	●	●	●	●	●	●	●		
>60~80								●	●	●	●	●	●	●	●		
>80~114										●	●	●	●	●	●	●	

注：● 表示可生产的规格，也可提供 < Φ2 毛细管

Note: ● Specifications available and (< Φ2) as well.

钛丝 TITANIUM WIRE

牌号 Grade

Gr1(TA1), ERTi-1
Gr2(TA2), ERTi-2
Gr3(TA3), ERTi-3
Gr4(TA4), ERTi-4
Gr5(TC4), ERTi-5ELI
Gr7(TA9), ERTi-7
Gr9(TA18), ERTi-9
Gr11(TA9-1), ERTi-11
Gr12(TA10), ERTi-12
Gr23(TC4ELI), ERTi-23
Ti-15333(TB5)
记忆合金 Memory alloy

标准 Standards

中国 China	GB/T3623 GB/T13810
其他 Others	ASTMB863 ASTMF136 ASTMF1295 ASTM F67 AWS A5.16 ISO5832-2 ISO5832-3 及其相关标准 Other related standards

状态 Condition

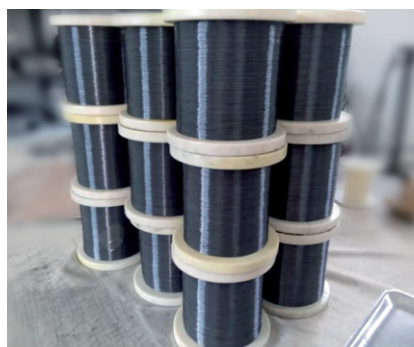
R M Y



规格 Specification

毫米 Millimeter(mm)	Φ0.8	Φ1.0	Φ1.2	Φ1.6	Φ2.0	Φ2.4	Φ3.0	Φ3.2	Φ4.0	Φ6.0
英寸 Inches (in)	0.031"	0.039"	0.047"	0.062"	0.079"	0.093"	0.12"	0.125"	0.16"	0.24"
直丝 Straight	●	●	●	●	●	●	●	●	●	●
轴丝 Spool	●	●	●	●	●	●	●	●		
盘丝 Coil	●	●	●	●	●	●	●	●	●	●

注：● 表示可在其形态下可以生产的规格 Note: ● Specifications available



管件 PIPE FITTING

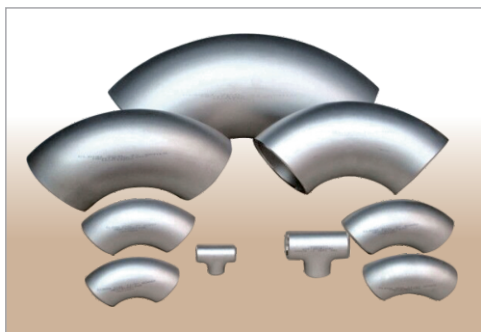
标准 Standards	HG/T3651 GB12459
材质 Material	钛 Titanium 镍 Nickel 锆 Zirconium
壁厚 Thickness	ASME B36.19M/36.10M
规格 Specifications	DN15-DN1200



偏心异径管
Eccentric Reducer



等径三通
Tee



90° 弯头
90° Elbow



管帽
Cap (NPS:1/2"~28")



同心异径管
Concentric Reducer



翻边
Stub End

法兰类 FLANGE

材质 Materials	钛 Titanium 镍 Nickel 锆 Zirconium
标准 Standards	ANSI B16.5 ASME B16.47



高颈法兰
(HG 20595)
Welding Neck Flange



螺纹法兰
(HG 20598)
Threaded Flange



活套法兰
(HG 20599)
Lap Joint Flange



盲板法兰
(HG 20601)
Blind Flange

规格 Specifications: 1/2"~24" 压力 Tension: 150lb~2500lb



平焊法兰
(HG 20593)
Welded Flange

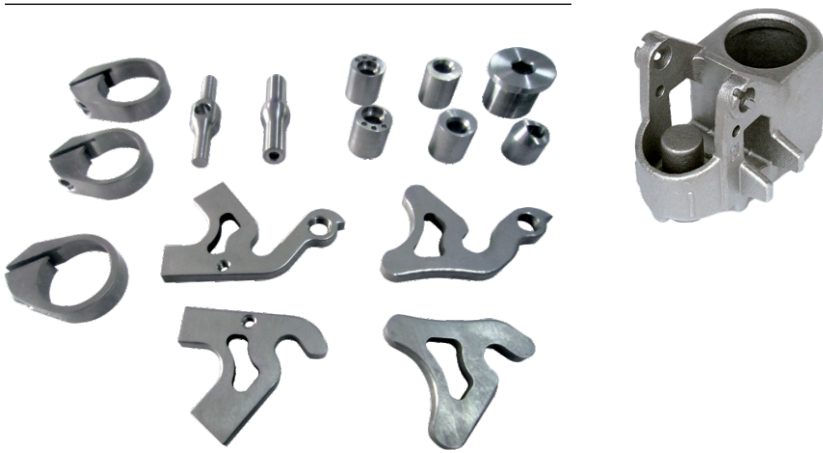
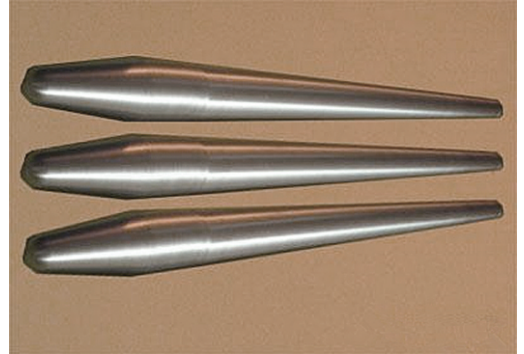
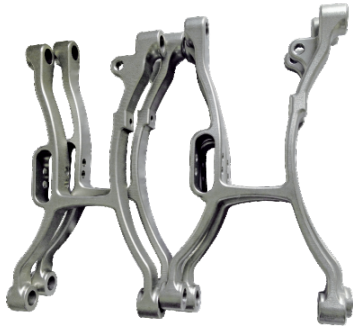
规格 Specifications: 1/2"~24"
压力 Tension: 150lb~1500lb



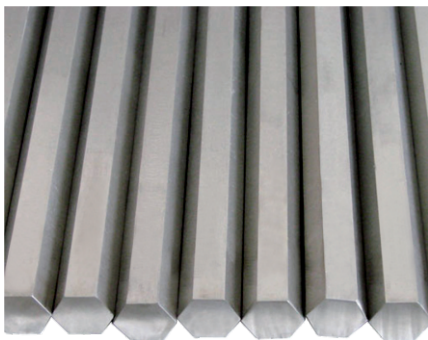
承插焊接法兰
(HG 20597)
Socket Welding Flange

规格 Specifications: 1/2"~3"
压力 Tension: 150lb~1500lb

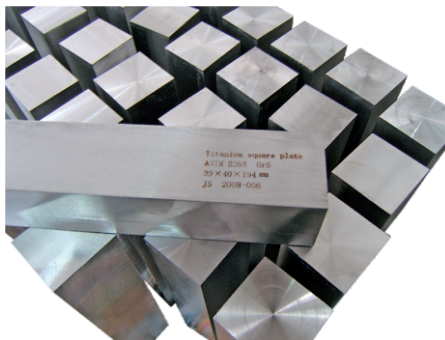
钛制品 TITANIUM PRODUCTS



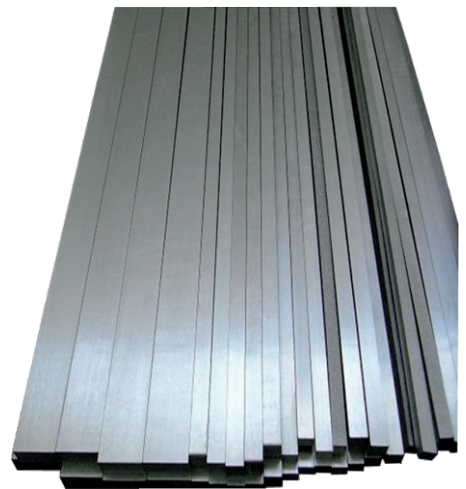
异形棒 Special Bar



扁棒 Flat Bar

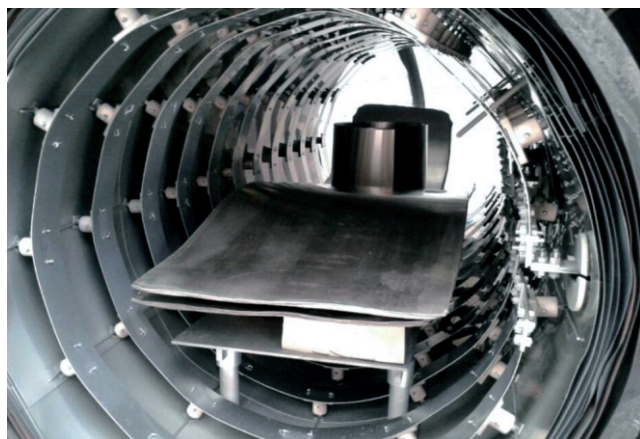
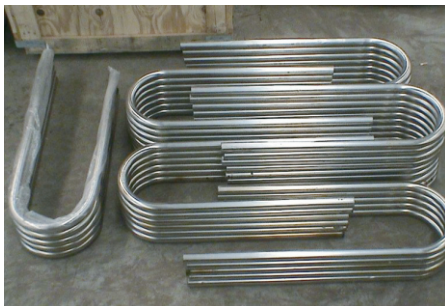


方棒 Square Bar



六角棒 Hexagonal Bar

钛设备 TITANIUM EQUIPMENT



锻件 FORGING

牌号 Grade		标准 Standards		状态 Condition
Gr1(TA1), Gr2(TA2), Gr3(TA3), Gr4(TA4), Gr5(TC4), Gr7(TA9), Gr9(TA18), Gr11(TA9-1), Gr12(TA10),	Gr23(TC4 ELI) Zr702 N4(Ni201) N6(Ni200)	中国 China	GB/T16598	热加工 Hot Process R/M
		其他 Others	ASTM B381 ASTM F67 ASTM F136 AMS 4928 及其相关标准 Other related standards	

规格 Specification (mm)

环 Ring \ Circle

OD(60-1500) × ID(50-1300) × ≤600

也可根据要求订做

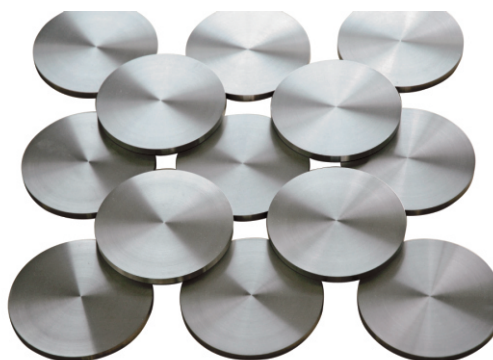
Customized orders accepted

饼 Bread/Disc

Φ(50-2000) × <600

也可根据要求订做

Customized orders accepted



靶材 TARGET



钛管靶
Titanium tube Target



镍靶
Nikel Target



锆靶
Zirconium Target



铌靶
Niobium Target



氧化铌靶
 Nb_2O_5 Target



钛铜靶
Ti-Cu Target

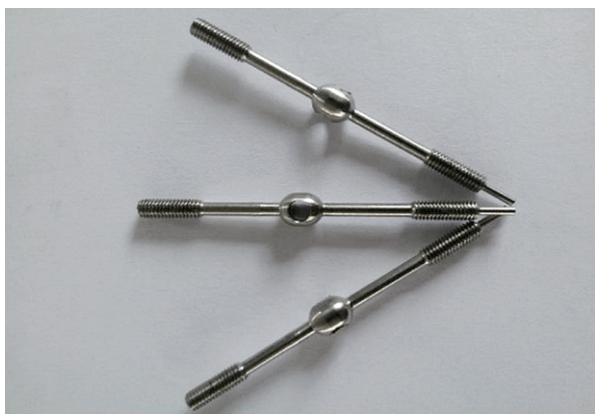
标准件 STANDARD PARTS



汽车用螺栓丝
Automobile Bolts



自行车钛螺丝
Cycle Bolts



自行车用螺丝
Cycle Bolts



钛螺丝
Titanium Non-Standard Bolts

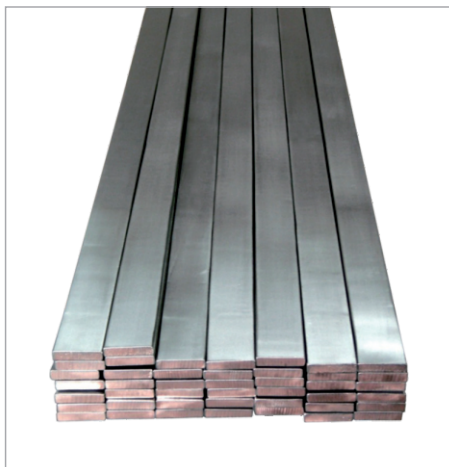


钛螺栓
Titanium Standard Bolts



摩托车用螺丝
Motor Bolts

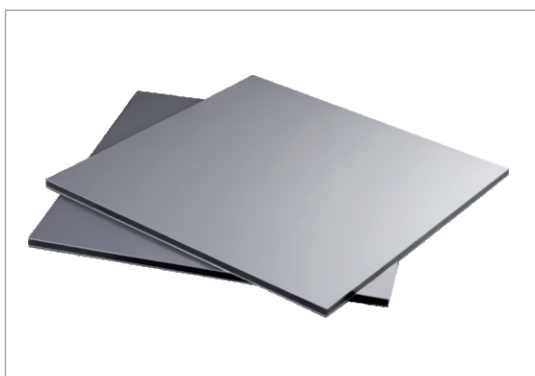
复合材料 COMPOUND MATERIAL



钛铜复合
Ti-Cu Clad Plates



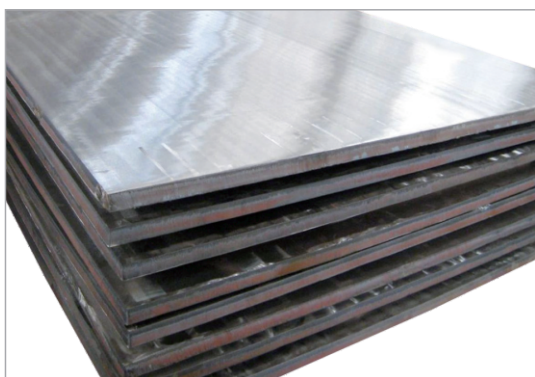
钛铜复合
Ti-Cu Clad Blocks



钛铝复合
Ti-Al Clad Sheets



钛铜复合
Ti-Cu Clad Bars



镍钢复合
Ni-Steel Clad Plates



镍铜复合板
Ni-Cu Clad Plates

镍基合金 NICKEL BASED ALLOY

镍基合金是一种特种的不锈钢，是指含高镍、高铬、高钼的一种高合金不锈钢，具有更加优秀的耐高温或者耐腐蚀性能。
Nickel based alloy is a kind of special stainless steel which contains high nickel, high chromium and high molybdenum alloy, has more excellent high temperature and corrosion resistance

牌 号 Grade	密 度 density (g/cm ³)	熔 点 Melting Point (°C)	抗拉强度 Tensile Strength (σ b/Mpa)	屈服强度 Yield Strength (σ p0.2/Mpa)	延伸率 Elongation (σ 5 /%)	标 准 Standard
Monel K-500	8.05	1300-1350	≥1100	≥790	≥20	ASTM B865
Monel 400	8.83	1300-1350	≥480	≥170	≥30	ASTM B164, ASTM B564, ASTM B127
Inconel 625	8.44	1290-1350	≥760	≥345	≥30	ASTMB443, ASTMB444, ASTMB446, ASTMB564
Inconel 600	8.43	1370-1430	≥585	≥240	≥30	ASTM B168, B166
Inconel 718	8.24	1260-1320	≥965	≥550	≥30	ASTMB637, ASTMB670
Inconel X-750	8.25	1395-1425	≥930	≥515	≥30	ASTMB637
Hastelloy B3	9.22	1330-1380	≥860	≥420	≥53.4	ASTMB335, ASTMB333
Hastelloy -B2	9.20	1330-1380	≥745	≥325	≥40	ASTMB335, ASTMB333
Hastelloy C-276	8.90	1325-1370	≥758	≥363	≥62	ASTMB574, ASTMB575, ASTMB564
Incoloy 800	8.00	1350-1400	≥500	≥210	≥35	ASTMB409, ASTMB514, ASTMB515
Incoloy 825	8.10	1370-1400	≥550	≥250	≥35	ASTMB424, ASTMB425, ASTMB564

应用领域 Application

随着工业层次的不断提高，镍基合金在许多工业领域中，比如海水淡化、废水处理、原子能发电、化学化工设备、制盐等。
With the industrial level improving, Nickel based alloy are widely used in many industry fields such as Desalination, Wastewater treatment, Atomic power, Chemical equipment and Salt manufacturing.



镍基合金卷板
Nickel Based Alloy Plates



镍基合金棒材
Nickel Based Alloy Bars



镍基合金管材
Nickel Based Alloy Pipes



镍基合金丝
Nickel Based Alloy Wires



镍基合金翻边
Nickel Based Alloy Stub End



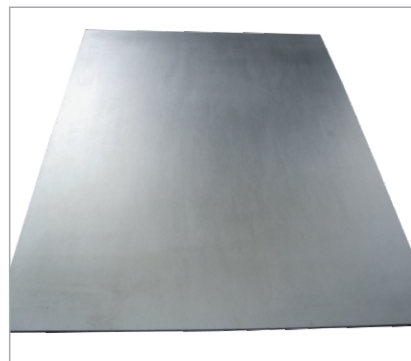
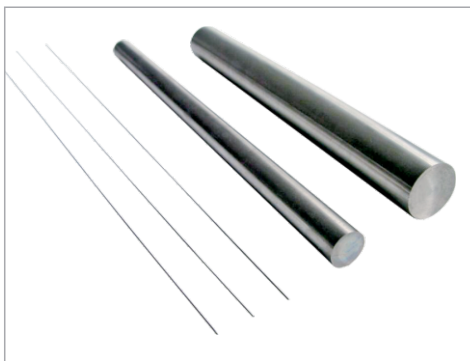
锻件
Forgings

钨、钼系列产品 W, MO SERIES PRODUCTS

应用 Application	制造方法 Process Method	厚度 Thickness (mm)	长度 Lenght (mm)	宽度 Width (mm)	高度 Height (mm)
蒸发舟 The Evaporation Boat	折 叠 Pressing Folding 焊 接 Welding Riveting 冲 压 Stamping	0.1~0.8	50~100	15~200	10~200
烧结舟 The Sintering Boat		1.5~5.0	150~450	100~200	100~200
晶体生长舟 The Crystal Growth Boat		0.8~5.0	150~600	100~200	100~300
烧结坩埚 Sintering Crucible	烧 结 Sintering	OD(100~500) × WT7~20 × H100 (mm)			
焊接坩埚 Welding Crucible	焊 接 Welding	OD(100~400) × WT1~3 × H≤800 (mm)			
机加坩埚 Lathing Crucible	机 加 Lathe	OD(20~100) × WT1~5 × H≤50 (mm)			
钨 板 Tungsten Plate	烧结、轧制 Sintering, Rolling	δ (0.1~2.5) × (20~450) × L (mm)			
钨 棒 Tungsten Rod	烧结、锻打 Sintering, Forging	Φ (0.1~1.6) / (1.6~70) × L (mm)			
钼 板 Molybdenum Plate	烧结、轧制 Sintering, Rolling	δ (0.5~35) × (20~600) × L (mm)			
钼 丝 Molybdenum Wire	拉 丝 Drawing	Φ (0.12~3.0) / (3.0~100) × L (mm)			
钨电极 Tungsten Electrodes	烧结、锻打 Sintering, Forging	Φ (1.0~10.0) × 150/175/178 (mm)			



钽、铌、钿系列产品 TA, NB, HF SERIES PRODUCTS



材 质 Material	类 型 Category	牌 号 Trade Mark		规 格 Specifications (mm)	标 准 Standards	
					中国 China	其他 Others
钽 Tantalum	板 Plate	Ta1, Ta2 Ta-10W Ta-2.5W	RO5200 RO5400 RO5252 RO5255	δ (0.03~0.2) $\times \leq 300 \times L$ δ (0.2~30) $\times \leq 600 \times L$	GB/T3629 GB/T3463 GB/T20612 GB/T14841	ASTM B708 ASTM B365 JISH 4708 及其相关标准 Other related standards
	丝 Wire			Φ (0.5~5.0) $\times L$		
	棒 Rod			Φ (5.0~110) $\times L$		
铌 Niobium	板 Plate	Nb1 NbZr	RO4200	δ (0.03~0.2) $\times \leq 300 \times L$ δ (0.2~30) $\times \leq 600 \times L$	GB/T3630 GB/T14842	ASTM B393 及其相关标准 Other related standards
	丝 Wire			Φ (0.5~5.0) $\times L$		
	棒 Rod			Φ (0.5~5.0) $\times L$		
钿 Hafnium	板 Plate	Hf1	RO4200	δ (0.03~0.2) $\times \leq 300 \times L$ δ (0.2~30) $\times \leq 600 \times L$		
	丝 Wire			Φ (0.8~8.0) $\times L$		
	棒 Rod			Φ (8~50) $\times L$		

以市场为导向
以网络为基础
以质量谋发展



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