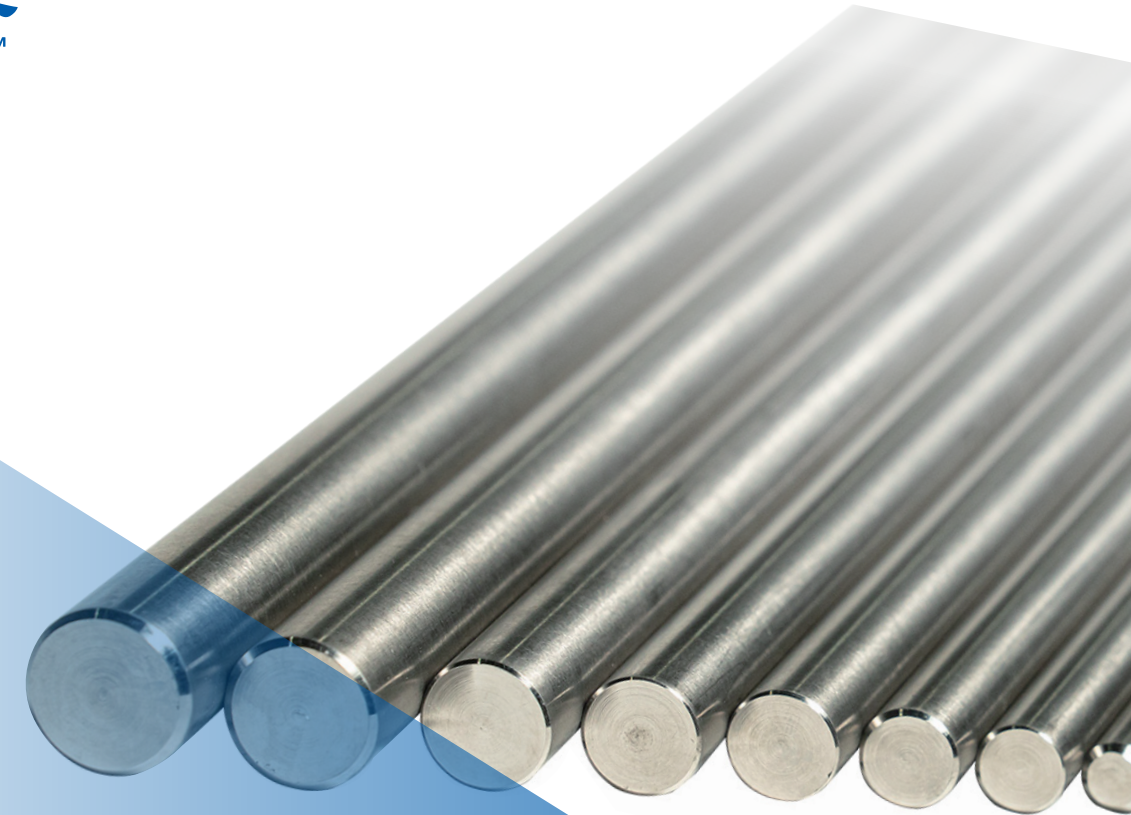




惟质量至上 做行业精品

ONLY PRIORITIZE QUALITY AND
MAKE INDUSTRY-GOOD PRODUCTS



专业医用钛合金, 镍钛合金制造商
Titanium alloy, Nitinol leader

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做中国品牌的领路人

Be the leader of Chinese brands

自主攻坚 研发争先 替代进口 领航前沿

INDEPENDENT BREAKTHROUGHS, LEADING IN
R&D REPLACING IMPORTS, LEADING THE WAY



COMPANY PROFILE 企业简介

常州博康特材科技有限公司
Changzhou Bokang Special Material Technology Co., Ltd

常州博康特材科技有限公司系沈阳中核舰航特材科技有限公司全资子公司，创建于2017年12月，是一家专注于医用钛合金原材料设计、研发、全流程生产制造的高新技术企业，重点服务于高端医疗器械制造商，服务领域覆盖骨科、牙科、骨刀、吻合器、导丝及电子行业。企业历经多年发展，对标国际顶级钛材生产商，孜孜不倦钻研技术，兢兢业业落实生产，目前已经成为拥有自主品牌、掌握核心工艺的高新技术企业。因产品质量稳定、性能优越、供货及时、服务专业等，在业内具有较高的知名度与美誉度。

Changzhou Bokang Special Material Technology Co., Ltd. is a wholly-owned subsidiary of Shenyang Zhonghe Special Metals Co., Ltd., established in December 2017. It is a high-tech enterprise specializing in the design, research and development, and full-process manufacturing of medical titanium alloy raw materials. The company primarily serves high-end medical device manufacturers, with applications covering orthopedics, dentistry, bone saws, surgical staplers, guidewires, and the electronics industry. Over the years, Bokang has benchmarked itself against top international titanium manufacturers, continuously advancing its technologies and rigorously executing its production processes. Today, it stands as a high-tech enterprise with an independent brand and proprietary core technologies. Thanks to its stable product quality, superior performance, reliable delivery, and professional service, the company enjoys a strong reputation and high recognition in the industry.



年产量 **500+** 吨

全流程 **生产线**

提供 **一站式** 钛材解决方案

CORPORATE CULTURE 企业文化

- ◆ **企业愿景 / CORPORATE VISION**
做中国高端钛合金品牌的领路人
Be a famous brand of high-end titanium alloy in the world
- ◆ **企业使命 / ENTERPRISE MISSION**
为进口替代而生存, 为社会创造价值而奉献; 关注国际品牌质量发展, 助力中华品牌崛起传承。
Focus on the growth of international brand quality, and assist in the rise and succession of Chinese brands.
- ◆ **企业精神 / CORPORATE SPIRIT**
吾之所生, 皆为君需; 吾志所向, 皆为君期。
What we produce, is all for your need; What we aim, is all for your expectation
- ◆ **企业价值 / CORPORATE VALUE**
承诺信誉, 团结向善; 虚心请教, 共赢未来。
Commit to credit, and unite for kindness, Humble to advice, and win-win for future.

QUALIFICATION CERTIFICATE / 资质证书



PRODUCTION / TESTING EQUIPMENT / 生产 / 检测设备



PRODUCT INTRODUCTION AND APPLICATION

产品介绍及应用

钛棒 Titanium Bar/Rod

适用场景:医用外科能量超声手术器械材料
Application: Medical Surgical Energy Ultrasonic Surgical Instrument Materials

产品优势:全流程自主加工、稳定性一致性高、低阻抗、疲劳寿命长
Product Advantages: Fully independent Processing, High Stability And Consistency, Low Impedance, Long Fatigue Life

产品牌号:TC4ELI(Ti-6AL-4V ELI)、GR23
Material Grades:TC4ELI(Ti-6AL-4V ELI),GR23

常用规格:φ4.0、φ5.0、φ5.5、φ6.0、φ8.0、φ10.0、φ12.0、φ13.5、φ14.0、φ16.0、φ20.0
Common Specifications (Diameter In mm):φ4.0,φ5.0,φ5.5,φ6.0,φ8.0,φ10.0,φ12.0,φ13.5,φ14.0,φ16.0,φ20.0

执行标准:GB/T13810-2017、ASTM F136、QB/ZHSM-A1
Standards:GB/T13810-2017.ASTM F136,QB/ZHSM-A1

直径公差:H6、H7
Diameter Tolerance: H6,H7

圆度公差:<0.005mm
Roundness Tolerance:<0.005mm

直线度:<0.02mm/m
Straightness:<0.02mm/m

表面状态:光亮面
Surface Finish: Bright

产品形状:棒材、丝材
Product Forms: Bars,Wires

材料特点:精密冶炼成份均匀稳定、超微晶结构性能一致性高、产品一致性高、高强度且易切削、耐高温、抗疲劳,主要适配高频振动与能量传输。
Material Characteristics: Precision Smelting Ensures Uniform And Stable Composition, ultra-fine Grain Structure For Strong Performance Consistency, high Strength With Excellent Machinability, high-temperature Resistance And Fatigue Resistance, optimized For High-frequency Vibration And Energy Transmission



钛棒
Titanium Bar/Rod

产品的应用 Product Application



PRODUCT INTRODUCTION AND APPLICATION

产品介绍及应用

镍钛丝 Niti Wire

适用场景:医用植入级导丝、取石网篮、圈套器导丝、牙科根管锉、节育环、缝合线等。
Application: Medical Implant-grade Guidewires, stone Retrieval Baskets, Snare Guidewires, Dental Endodontic Files, ntrauterine Devices(luds),Surgical Sutures, Etc.

产品优势:全流程自主加工、每个环节精确控制
Product Advantages:fully Independent Processing,precision Control At Every Stage

产品牌号:NITI
Grade: NITI

丝材形状:圆丝、异形丝
Wire Shape: Round Wire, special-shaped Wire

直径范围:0.1-2.5mm
Diameter Range:0.1-2.5m

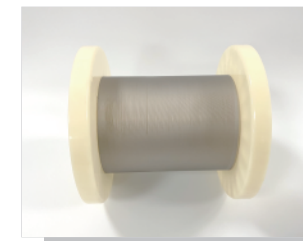
执行标准:GB 24627、ASTM F2063、OB/ZHSM-ANX
Standards:GB 24627,ASTM F2063,OB/ZHSM-ANX

直径公差:±0.001mm
Diameter Tolerance:±0.001mm

表面状态:光亮态、黑色氧化态、轻氧化态
Surface Finish: Bright,Black Oxidized, Lightly Oxidized

供货形式:直线、绕轴
Supply Form: Straight, Spool Wound

材料特点:精密冶炼成分百分比精准可调,可根据应用不同定制不同相变温度范围,具有稳定的记忆性和超弹性,其导丝具有优异的直线度和弹性,不易折弯,具有优异的扭转特性,可实现1:1 扭转传递从而达到良好的引导性,网篮丝更具有良好的柔韧性和可操控性。
Material Characteristics: Precision smelting With Adjustable Composition Percentages, customizable Phase Transition Temperature Range For Different Applications, stable Shape Memory And Superelasticity, guidewires Offer Excellent Straightness And Elasticity, Resistant To Bending, outstanding Torsional Properties Enable 1:1 Torque Transmission For Precise Guidance, basket Wires Provide superior Flexibility And Maneuverability



镍钛丝
Niti Wire

产品的应用 Product Application



钛丝 Titanium Wire

适用场景:医用植入级纯钛缝合线、吻合器钛钉、钛夹等手术器械
Application: Medical Implant-grade Pure Titanium Suture Wire, Surgical Stapler Titanium Pins, Titanium Clips, And Other surgica Instruments

产品优势:全流程自主加工、成型效果好、稳定性一致性高、成分均匀、性能一致、强度可按需定制
Product Advantages: Fully independent Processing, Excellent Forming Performance, high Stability And Consistency, uniform Composition And Consistent Performance, strength Can Be Customized As Required

产品牌号:TA1G、TA2G、GR1、GR2
Material Grades:TA1G,TA2G,GR1,GR2

丝材形状:圆丝
Wire Shape: Round Wire

常用规格:φ0.20、φ0.21、φ0.23、φ0.28、φ0.3、φ0.6、φ0.8、φ1.0
Common Specifications (Diameter In mm):φ0.20,φ0.21,φ0.23,φ0.28,φ0.3, φ0.6, φ0.8, φ1.0

执行标准:ASTM F67、GB/T13810-2017、ISO 5832-2、QB/ZHSM-AX
Standards:ASTM F67,GB/T13810-2017,ISO 5832-2,QB/ZHSM-AX

直径公差:±0.005mm
Diameter Tolerance:±0.005mm

表面状态:光亮面
Surface Finish: Bright

供货形式:绕轴
Supply Form: Spool Wound

材料特点:高纯海绵钛精密冶炼,纯度高达99.9%生物相容性更优性能优越,可塑性强,成型效果极佳,表面光洁度好,缠绕均匀度极佳不乱线。
Material Characteristics: Precision Smelted From High-purity Sponge Titanium (99.9% Purity), superior Biocompatibility And Excellent Performance, strong Plasticity And Exceptional Forming Properties, high Surface smoothness, excellent Uniformity in Winding, Preventing Wire Tangling



钛丝
Titanium Wire

产品的应用 Product Application



钛丝 Titanium Wire

适用场景:骨科手术器械、牙科正畸、口腔植入连接螺丝、整形美容头骨修复等颌面修复植体。
Application: Orthopedic surgical Instruments, Dental Orthodontics, Oral Implant Connection Screws, Plastic surgery Skull Repair And Other Maxillofacial Repair Implants.

产品优势:全流程自主加工
Product Advantages: Full Process Independent Processing

产品牌号:TC4(Ti-6Al-4V)
Material Grades:GR5(Ti-6Al-4V)

常用规格:φ1.0、φ1.2、φ1.5、φ1.6、φ1.8、φ2.0、φ2.5、φ3.0、φ3.2、φ3.5、φ4.0
Common Specification:φ1.0,φ1.2,φ1.5,φ1.6,φ1.8,φ2.0,φ2.5,φ3.0,φ3.2,φ3.5,φ4.0

执行标准:ASTM F136、GB/T13810-2017、QB/ZHSM-AQ
Standards:Astm F136,GB/T13810-2017.QB/ZHSM-AQ

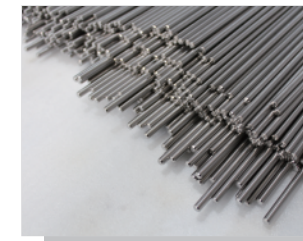
直径公差:±0.001mm
Diameter Tolerance:±0.001mm

交货状态:退火态(M)
Delivery State:Annealed State(M)

表面状态:光亮态
Surface Finish: Bright

产品形状:丝材
Product Shape: Wire

材料特点:能适应复杂骨折的复位需求,极大提高手术成功率;精准施力,引导牙齿移动,且不易变形;耐腐蚀,适应人体复杂生理环境,维护成本低。
Material characteristics: Can Adapt To The Reduction Needs Of complex Fractures, Greatly Improve The success Rate Of surgery; Precise Force, Guide Tooth Movement, And Not Easy To Deform; Corrosion Resistant. Adapt To The Complex Physiological Environment Of The Human Body, Low Maintenance Cost



钛丝
Titanium Wire

产品的应用 Product Application



PRODUCT INTRODUCTION AND APPLICATION

产品介绍及应用

钛棒、钛丝 Titanium Bars, Titanium Wires

适用场景:牙科植体、关节部件
Application: Dental Implants, Joint Components

产品优势:全流程自主加工
Product Advantages: Fully Independent Processing

产品牌号:TA4G,GR4,TI2R

Material Grades: TA4G,GR4,TI2R

常用规格:Φ4.0、Φ5.0、Φ6.0、Φ8.0、Φ10.0、Φ12.0

Common Specifications (Diameter In mm):Φ4.0,Φ5.0, Φ6.0, Φ8.0, Φ10.0, Φ12.0

执行标准:GB/T13810-2017、ASTM F67、OB/ZHSM-A4

Standards:GB/T13810-2017,ASTM F67,OB/ZHSM-A4

直径公差:H6、H7

Diameter Tolerance: H6,H7

表面状态:光亮态

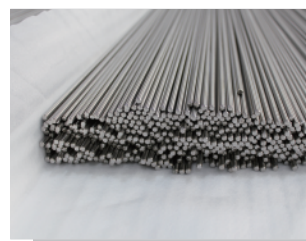
Surface Finish: Bright

产品形状:棒材、丝材

Product Forms: Bars, Wires

材料特点:GR4高纯海绵钛精密冶炼、耐腐蚀强、生物相容性高、组织稳定、抗氧化性强、可切削加工性能优异、抗拉强度近GR5。TI2R合金顾名思义其化学元素钛和锆组成,锆是一种对人体无毒副作用的生命元素,亲水性能优异,力学性能更高更稳定,微观显微结构其组织细化程度明显优于纯钛系,具有很好的冷加工强度和很好的抛光性能。

Material Characteristics:GR4:Precision-smelted From High-purity Sponge Titanium, Offering Excellent Corrosion Resistance, High Biocompatibility, stable Microstructure, Strong Oxidation Resistance, And Outstanding Machinability With Tensile Strength Close To Gr5.Ti2r Alloy: Composed Of Titanium And Zirconium, Both Biocompatible Elements, Zirconium Is A Non-toxic Life Element With Excellent Hvdrophilicity, Superior Mechanical Properties, And Enhanced Stability, ts Refined Microstructure Is significantly Superior To Pure Titanium, Providing Excellent Cold Workability And Polishing Performance



钛棒、钛丝
Titanium Bars, Titanium Wires

产品的应用 Product Application



钛夹 Titanium Clips

适用场景:肠镜和胃镜手术中切除息肉的止血夹
Application: Titanium clip used in colonoscopy and gastroscopy for polyp resection.

类型:S、M、ML、L
Type: S, M, ML, L

颜色:蓝色、白色、黄色、绿色
Color: Blue, White, Yellow, Green

材料:医用钛
Material: Medical-grade titanium

特点:四种标准尺寸可供选择。
Features: Available in four standard sizes.

采用纯钛制成,无组织反应或粘连,具有优异的生物相容性。
Titanium clips are stored in color-coded cartridges for easy identification.

夹子采用颜色编码的墨盒,以便于识别。
Made of pure titanium, with no tissue reaction or adhesion, offering excellent biocompatibility.



钛夹
Titanium Clips

产品的应用 Product Application



PRODUCT INTRODUCTION AND APPLICATION

产品介绍及应用

钛盘 Titanium Disc

适用场景:雕刻齿科植入级桥架、杆卡、钛支架、钛牙冠
Application: Carving Dental Implant-grade Bridges, Bar Clamps, Titanium Brackets, Titanium Crowns

产品优势:全流程自主加工
Product Advantages: Full-process Independent Processing

产品牌号:TC4、TC4ELI、TA1G、TA2G、TA3G、TA4G

Material Grades:GR5、GR23、GR1、GR2、GR3、GR4

常用规格:Φ98x10、Φ98x12、Φ98x14、Φ98x16、Φ98x18、Φ98x20、Φ98x22、Φ98x25、150x140x12、150x140x14、150x140x16、150x140x18、150x140x20、150x140x22、150x140x25、其它规格可定制

Common Specification: Φ98x10,Φ98x12,Φ98x14,Φ98x16,Φ98x18,Φ98x20,Φ98x22,Φ98x25,150x140x12,150x140x14,150x140x16,150x140x18,150x140x20,150x140x22,150x140x25, other specifications can Be Customized

执行标准:GB/T13810-2017、ASTM F67、ASTM F136、ISO 5832-14、OB/ZHSM-C、含生物相容性报告。

Standards: GB/T13810-2017.ASTM F67.ASTM F136,ISO 5832-14, OB/ZHSM-C, With Biocompatibility Report

交货状态:退火态(M)

Delivery Status: Annealed(M)

表面状态:车光面

Surface Finish: Machined

产品形状:圆形、方形、可根据客户需求定制。

Product Shape: Round, Square, Customizable According To Customer Needs

材料特点:良好的支撑性,生物相容性好,安全有效。

Material Characteristics: Good Support, Good Biocompatibility, Safe And Effective



钛盘
Titanium Disc

产品的应用 Product Application



镍钛导针 NiTi Guidewire

适用场景:骨科植入手术器械引导定位使用
Application: Orthopedic Implant Surgical Instrument For Guidance And Positioning

产品优势:全流程自主加工、一体式设计加工,抗拔脱力大于1200MPA
Product Advantages:Fully Independent Processing, Integrated Design For Enhanced Durability High Pull-out Resistance Exceeding 1200 MPA

产品牌号:NITI

Material Grade: NITI

常用规格:Φ2.5x660、Φ2.5x900、Φ2.5x1000、Φ2.5x1200、其它规格可定制

Common Specification:Φ2.5x660,Φ2.5x900,Φ2.5x1000,Φ2.5x1200 (Custom Sizes Available)

执行标准:ASTM F2063-18、OB/ZHSM-AN、需求单位企业标准

Standards:ASTM F2063-18,OB/ZHSM-AN,And Customer-specific Enterprise Standards

直径公差:H6、H7、H8

Diameter Tolerance:H6.H7.H8

表面状态:光亮态

Surface Finish: Bright

产品形状:根据客户需要定制

Product Form:Customizable Based On Customer Requirements

材料特点:柔韧性好,定位精准,显影清晰,极大的降低患者痛苦和手术成功率。

Material characteristics: Excellent flexibility, Precise Positioning, Clear Imaging, Significantly Reducing Patient Discomfort And Improving Surgical Success Rates



镍钛导针
NiTi Guidewire

产品的应用 Product Application

