

医疗典型零部件加工解决方案

Manufacturing Solutions for Medical Industry



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厦门金鹭特种合金有限公司,成立于 1989 年,是一家中外合资的国家级高新技术企业,是国有上市公司厦门钨业股份有限公司的骨干成员。公司致力于高品质钨粉末材料、硬质合金、精密切削工具等钨系列产品的研发、生产,以及行业专业解决方案的提供,是知名的钨粉末、硬质合金及切削工具供应商。

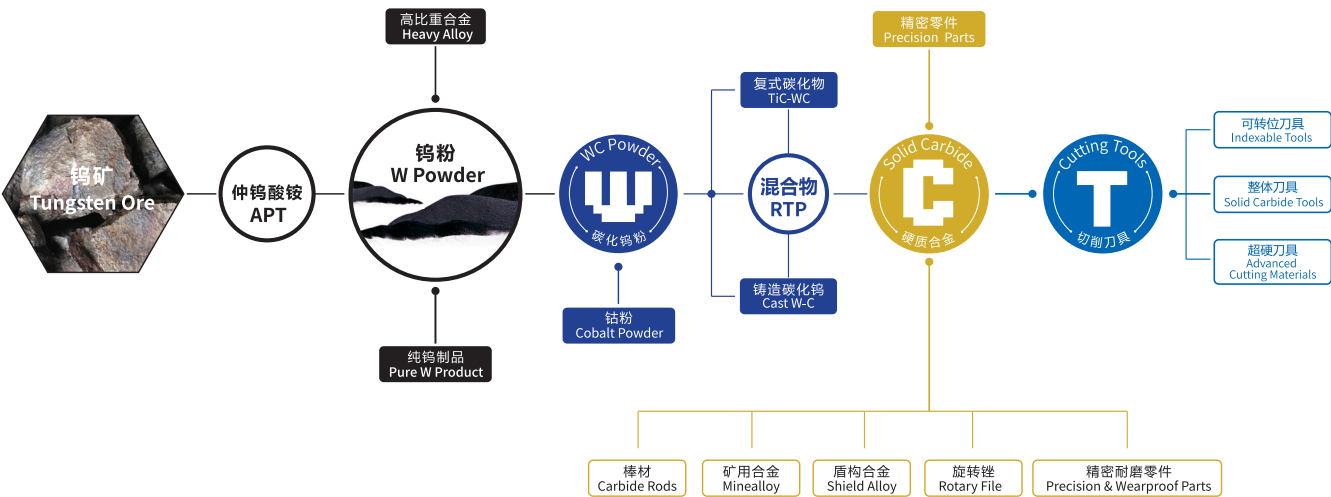
凭借完整钨产业链的产品集成技术研发,以及求实创新的管理理念,厦门金鹭始终保持着强劲的发展势头,为全球用户提供高性价比的钨粉末产品和服务,为现代工业领域解决高硬度、耐高温、耐磨损问题,提供了优良的产品和完善的解决方案,客户遍布全球,享誉海内外。

公司现有员工 3000 多名,拥有 5 个生产基地,4 个境外销售公司和 1 个企业技术中心,独立承担并完成多项“国家科技支撑计划项目”,“国家科技重大专项”,“国家火炬计划项目”,“国家重点新产品”开发项目及省市重点研究课题,被评为“战略性新兴产业骨干企业”、“创新型企业”、“先进科技企业”; 荣获包括国家科技进步二等奖等多项专利与奖项; 切削工具累计获得发明专利、实用新型专利及外观专利等 400 多项。

Xiamen Golden Egret Special Alloy Co. Ltd., established in 1989, is a Sino-foreign joint venture state-level high-tech enterprise and a key member of the state-owned listed company Xiamen Tungsten Co., Ltd.The company is committed to the research and development and production of high-quality tungsten powder materials, cemented carbide, precision cutting tools and other tungsten products, as well as the provision of professional solutions in the industry. It is a well-known supplier of tungsten powder, cemented carbide and cutting tools.

With the product integration technology research and development of the complete tungsten industry chain, as well as the realistic and innovative management concept, Golden Egret has always maintained a strong development momentum, providing cost-effective tungsten powder products and services for global users, and solving high hardness, resistance to High temperature, wear resistance, provide excellent products and perfect solutions, customers all over the world, well-known at home and abroad.

The company has more than 3,000 employees, 5 production bases, 4 overseas sales companies and 1 enterprise technology center. Planning Project", "National Key New Product" development project and provincial and municipal key research topics, and was rated as "Strategic Emerging Industry Backbone Enterprise", "Innovative Enterprise", "Advanced Technology Enterprise"; won the first prize including National Science and Technology Progress Award, the second prize of National Science and Technology Progress Award and many other patents and awards; cutting tools have obtained more than 400 invention patents, utility model patents and appearance patents.



加工解决方案
Manufacturing Solutions

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加工案例
Application Case

孔、槽铣削
Hole and Groove Milling

- ST300
钛合金高性能加工立铣刀
Endmills for titanium alloys



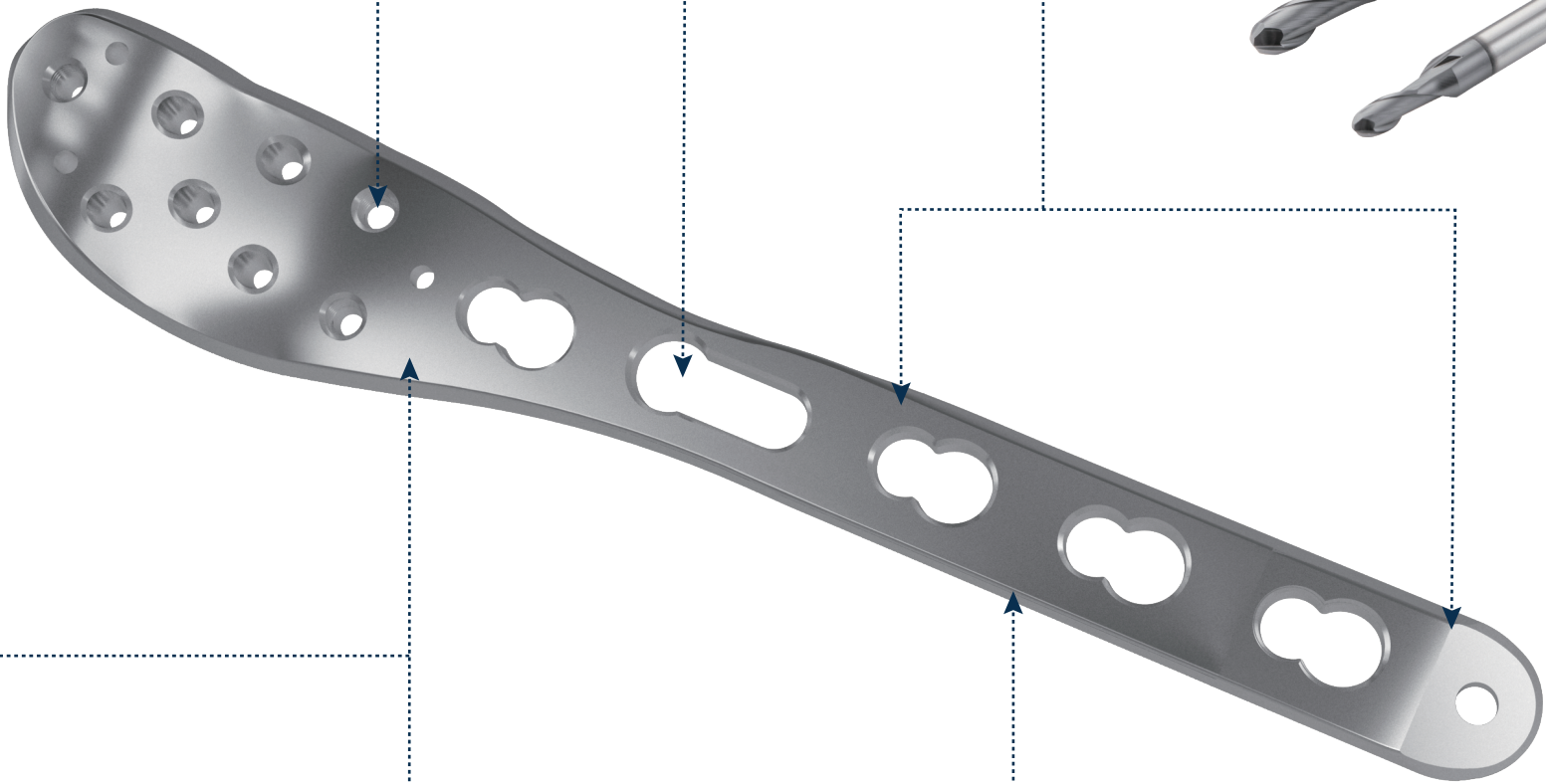
外型精加工
External Finishing

- 钛合金精加工立铣刀
Titanium alloy finishing endmills



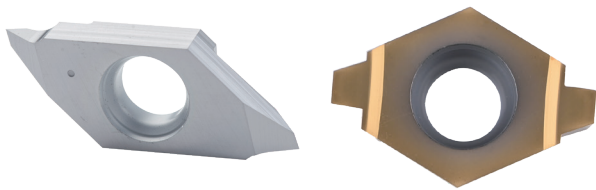
外型粗加工
External Roughing

- SS600-R5
高性能圆角头立铣刀
High performance endmills



螺纹加工
Threading

- 标准螺纹刀片/或定制螺纹刀片
Threading inserts standard or customized



开口槽加工
Slotting

- 钛合金精加工立铣刀
Titanium alloy finishing endmills



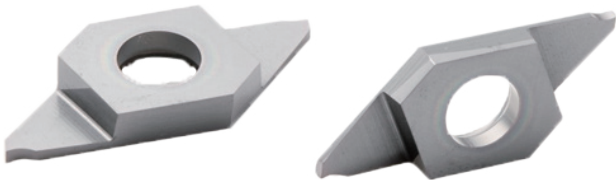
内梅花加工
Torxing

- SHM200
小径加工立铣刀
Micro diameter machining series



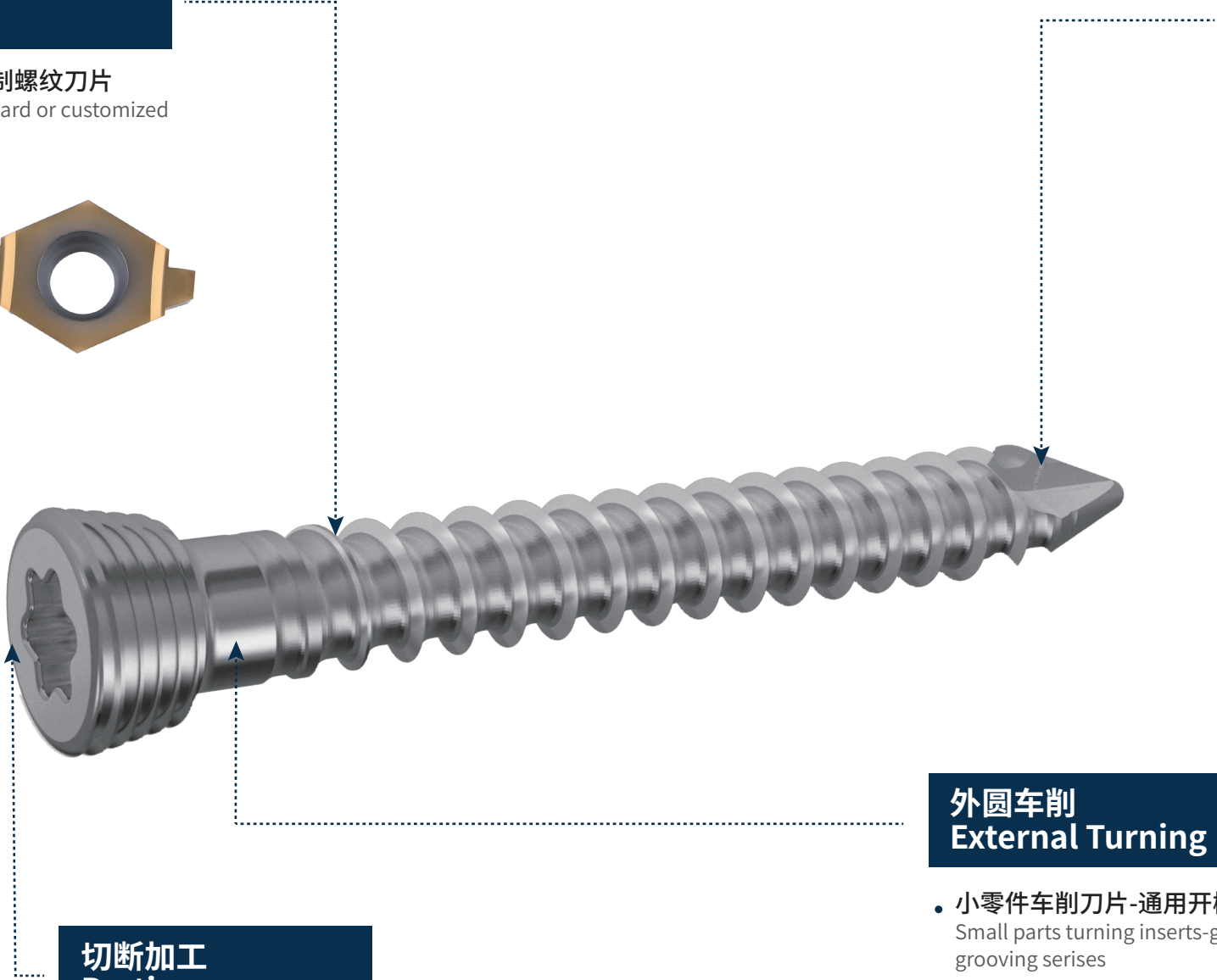
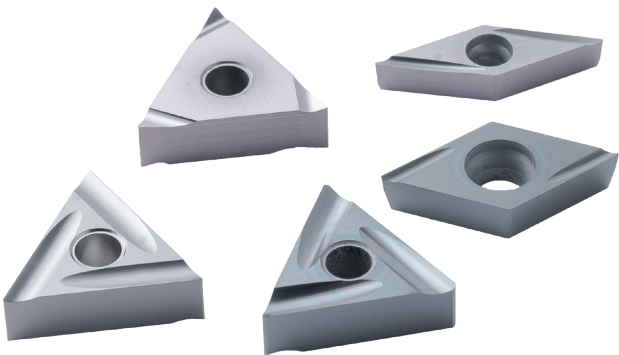
切断加工
Parting

- 小零件切断刀片-GSTC系列
Parting inserts-GSTC series



外圆车削
External Turning

- 小零件车削刀片-通用开槽系列
Small parts turning inserts-general grooving series



平面槽加工
Plane Slotting

- 高效加工立铣刀
High efficiency endmills



内槽加工
Inner Grooving

- 整体切槽刀具
Solid tool for grooving



开口槽加工
Slotting

- 高效加工立铣刀
High efficiency endmills



内螺纹加工
Internal Threading

- 整体螺纹刀具
Solid tool for threading



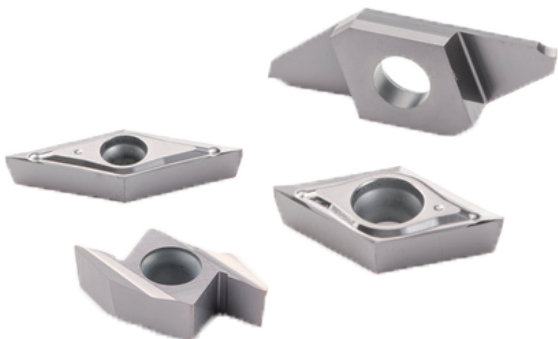
中心孔加工
Central Hole Making

- 阶梯硬质合金麻花钻
Step solid drills
- 整体内镗刀具
Solid tool for boring



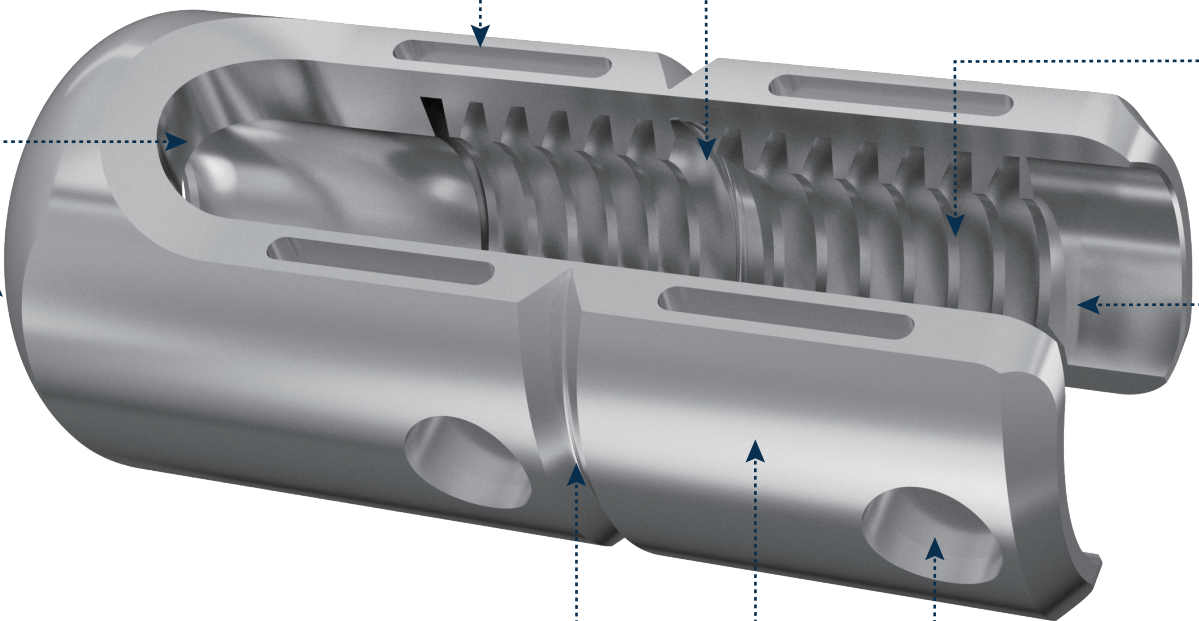
外圆、V槽、端面加工
External, V Grooving and Facing

- 小零件车削刀片-三维断屑槽系列
Turning inserts-3D chipbreaker series
- 小零件背车刀片-GSAB系列
Back turning inserts-GSAB series
- 小零件切断刀片-GSTC系列
Parting inserts-GSTC series



侧边孔铣削
Side Hole Milling

- 高效加工立铣刀
High efficiency endmills





**股骨假体外表面粗加工
External Rough Machining**

- 钴铬钼球头高性能立铣刀
CoCrMo High performance endmills
- 桶型刀
Barrel cutter



**股骨假体凹槽加工
Groove Processing**

- 钴铬钼锥度球头立铣刀
CoCrMo taper ball endmills



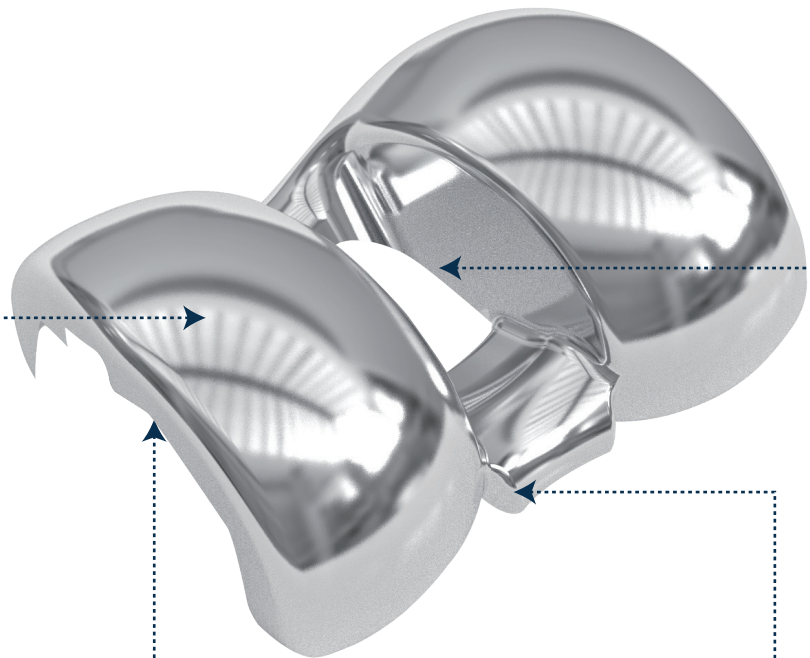
**胫骨平台底面精加工
Plane Machining**

- 钴铬钼精加工立铣刀
CoCrMo finishing endmills



**胫骨平台T型槽加工
T Groove Processing**

- 钴铬钼T型立铣刀
CoCrMo T-slot endmills



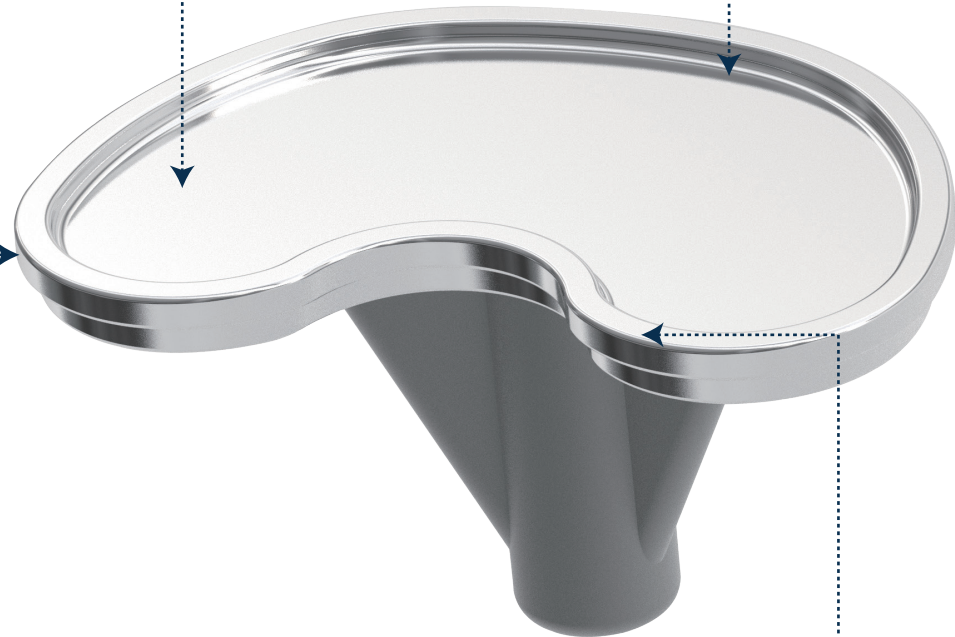
**股骨假体侧壁精加工
Sidewall Finishing**

- 钴铬钼精加工立铣刀
CoCrMo finishing endmills



**股骨假体凹槽部分精加工
Groove Finishing**

- 钴铬钼精加工球头立铣刀
CoCrMo finishing endmills



**胫骨平台平面/外圆粗加工
External Rough Machining**

- 钴铬钼高性能加工立铣刀
CoCrMo high performance endmills



**胫骨平台外圆精加工
External Finishing**

- 钴铬钼精加工立铣刀
CoCrMo finishing endmills

牙冠仿形加工
Dental Crown Profile Milling

- SM200
牙冠专用立铣刀
Endmills for dental crown



种植体内孔加工
Implant Drilling

- D968S系列
不锈钢高性能麻花钻
High performance twist drill for stainless steel



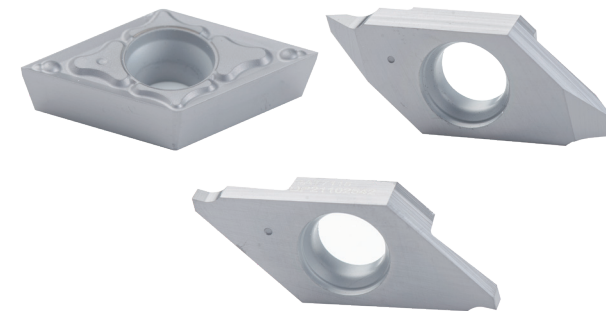
基台外型加工
Abutment Profile Milling

- US260
不锈钢通用加工立铣刀
General machining series for stainless steel



种植体外圆、螺纹、切断加工
Implant Turning, Threading, Parting off

- 小零件车削刀片
Small parts turning inserts



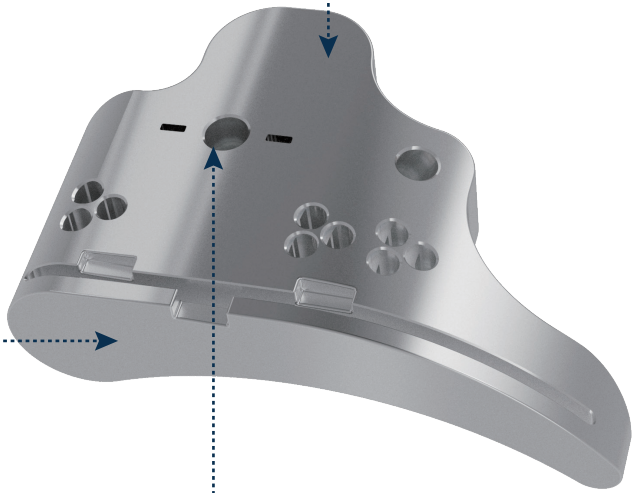
外轮廓、端面精加工
External Finishing

- US260
不锈钢通用加工立铣刀
General end milling for stainless steel



外轮廓、端面粗加工
External Roughing

- SS600
高性能圆角头立铣刀
High performance round endmills.



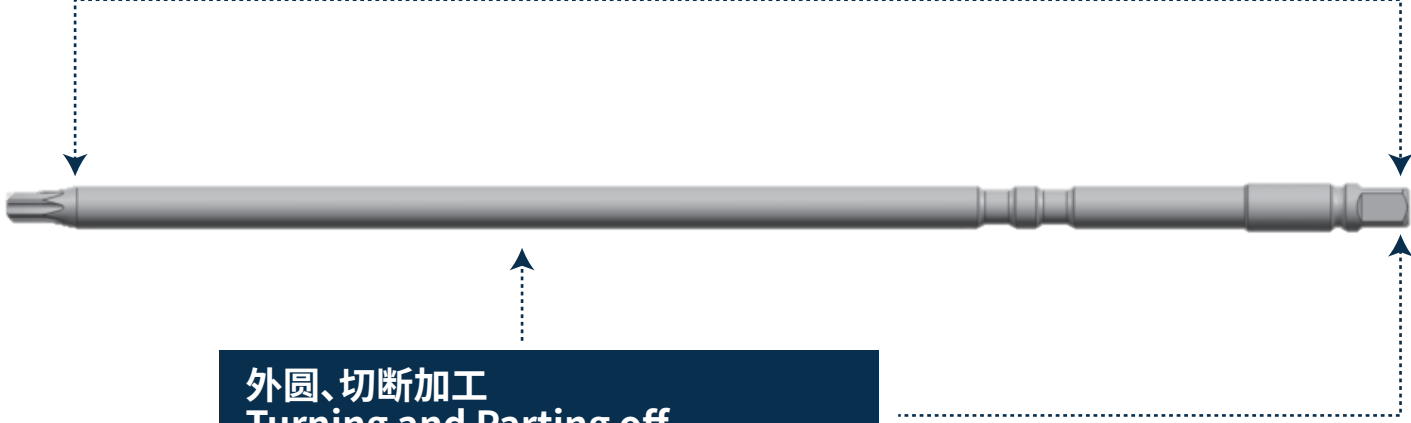
孔加工
Drilling

- D968S
高性能硬质合金麻花钻
High performance drills



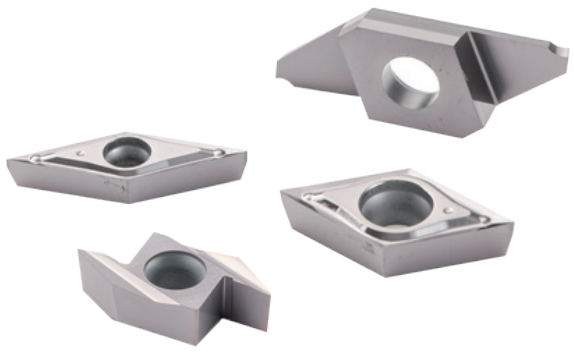
仿形、平面加工
Profile and Face Milling

- SS600
高性能不锈钢立铣刀
High performance round endmills

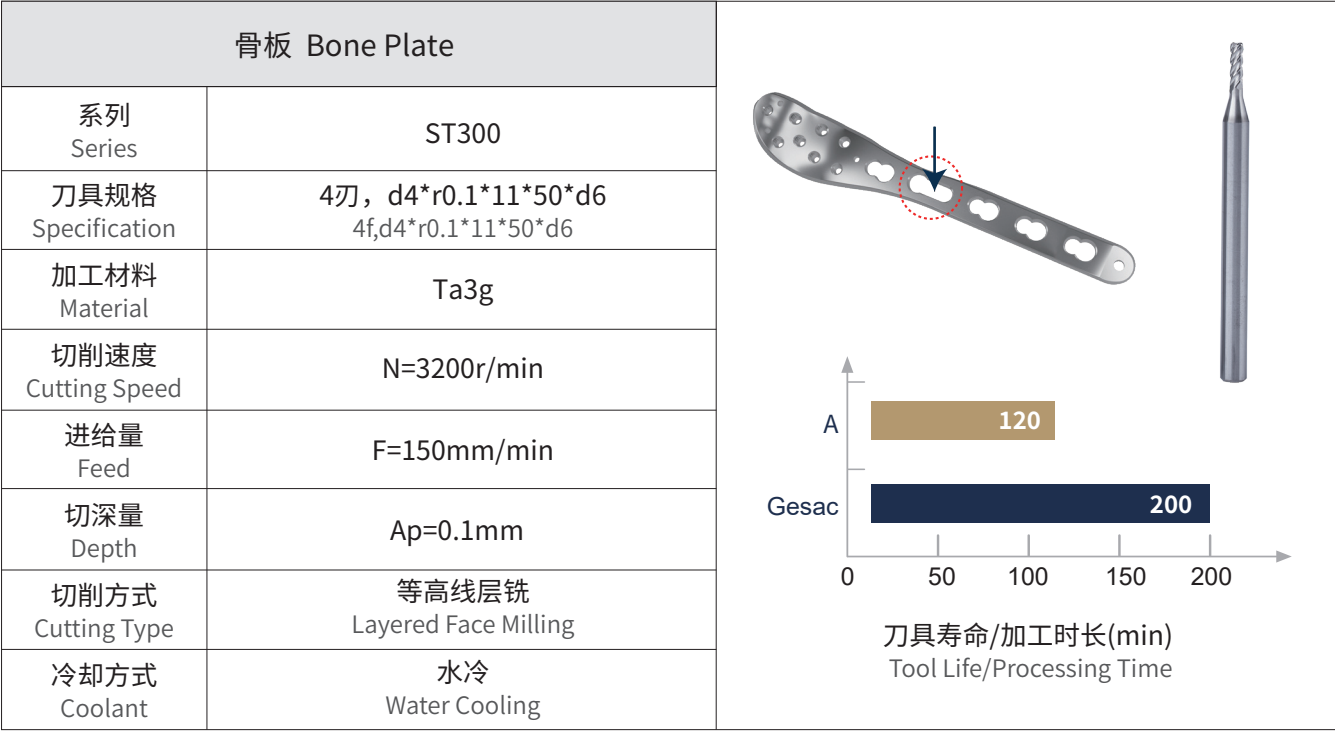


外圆、切断加工
Turning and Parting off

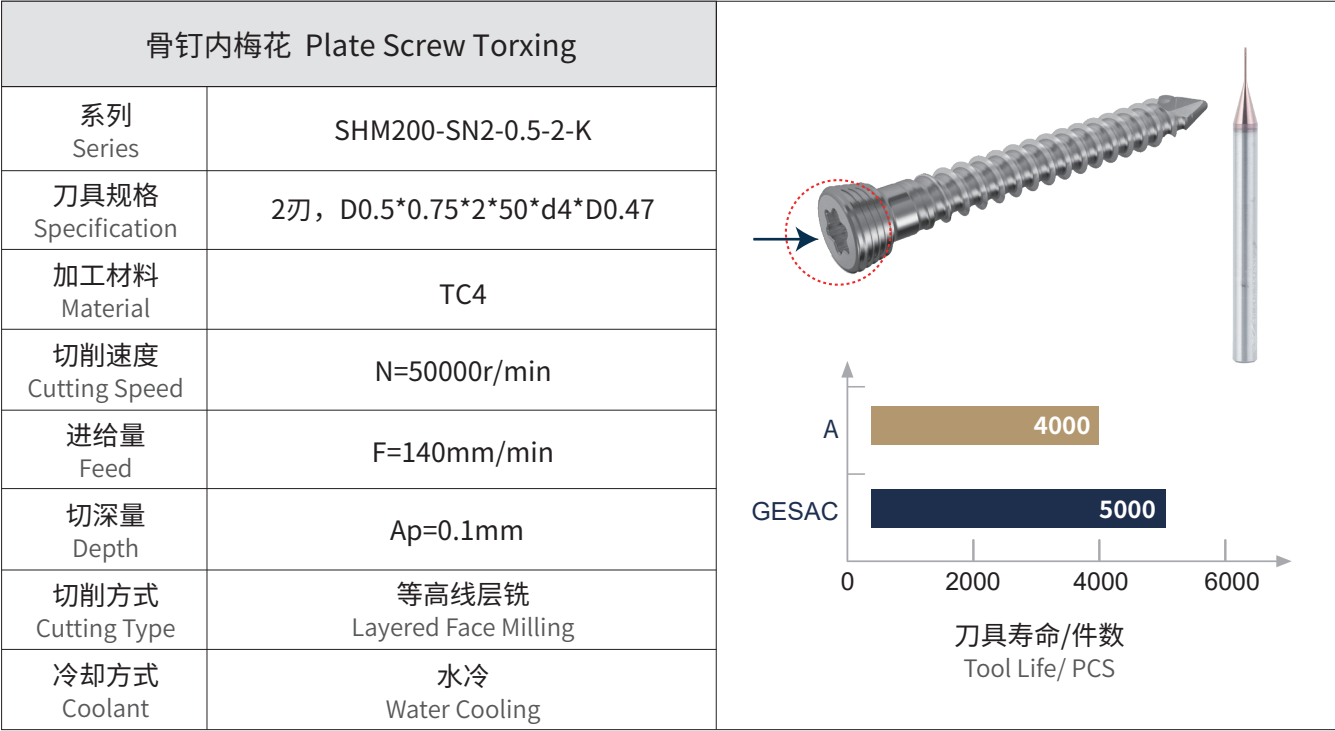
- 小零件车削刀片-正型BK+GAT71系列
Small parts turning inserts-BK+GAT71 series
小零件车削刀片- GSTC切断刀片
Small parts turning inserts- GSTC part off series



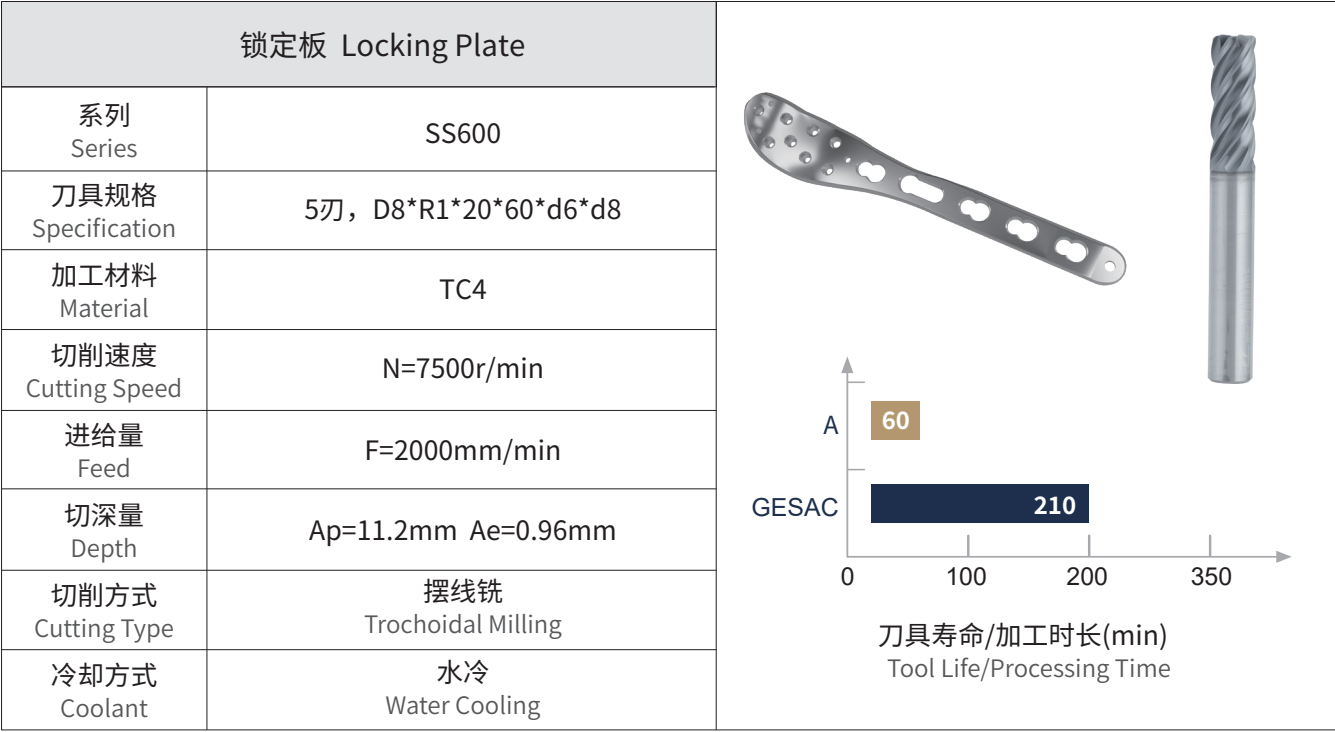
接骨板孔加工
Plate Hole



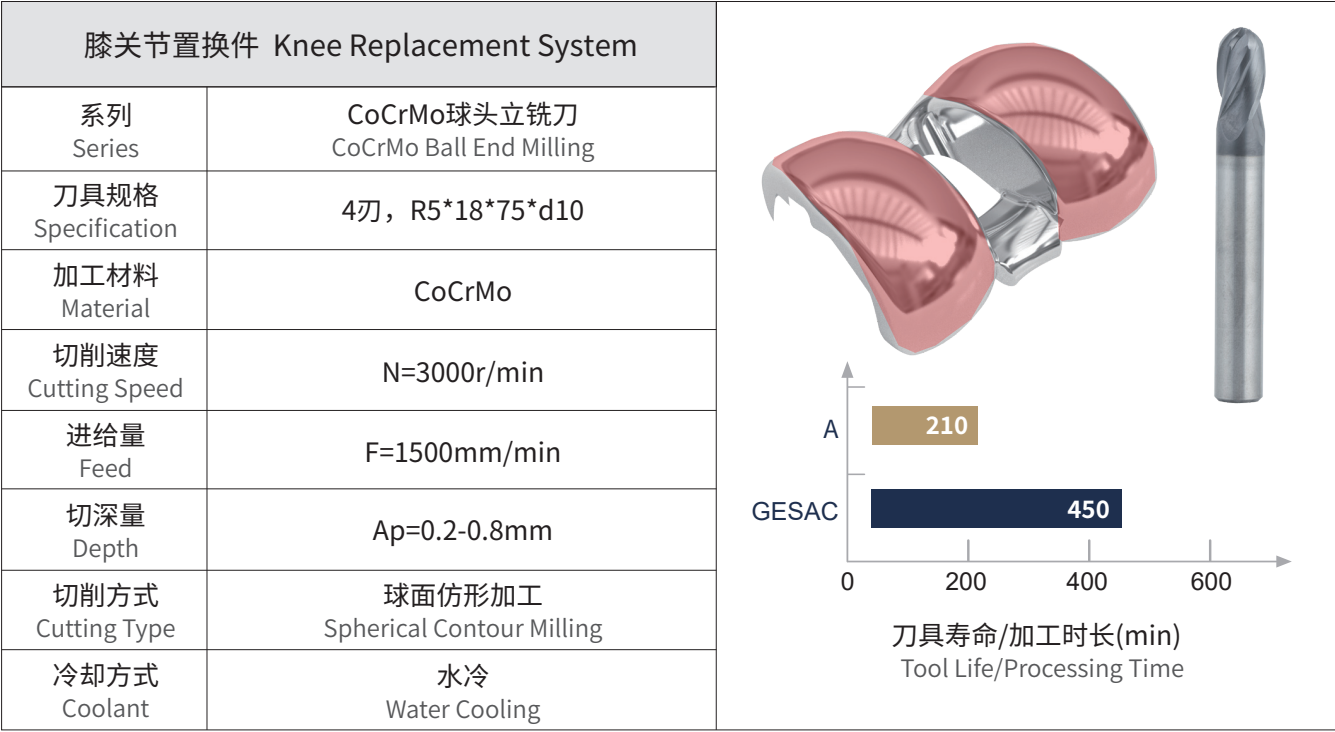
接骨板螺钉
Plate Screw



接骨板粗加工
Locking Plate Roughing

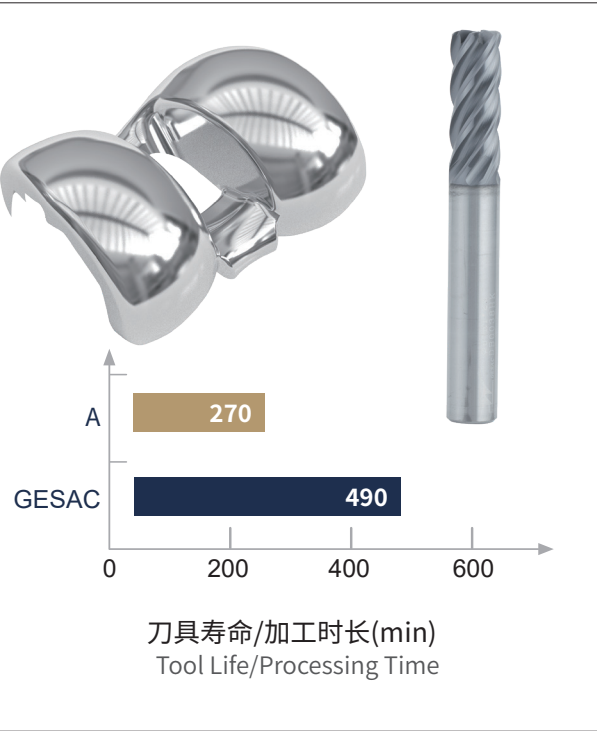


膝关节粗加工
Knee-joint Roughing



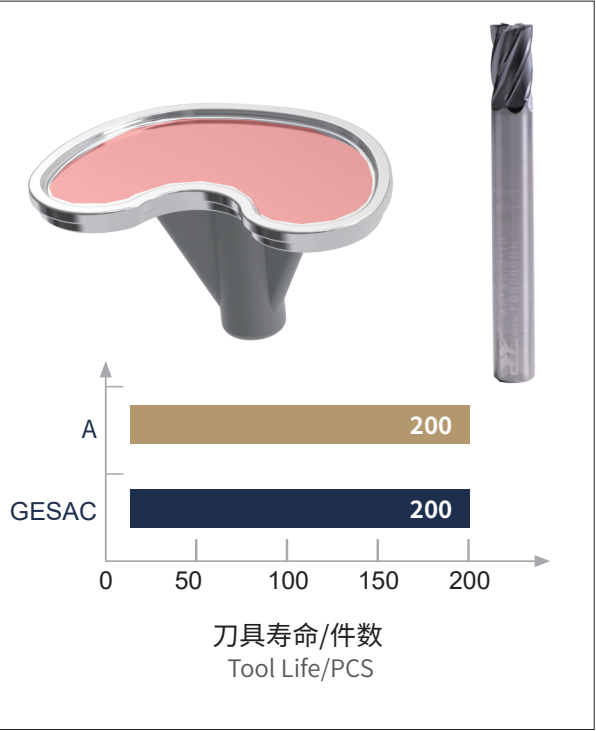
手术器械粗加工
Surgical Instruments Roughing

股骨假体-试模 Knee Replacement System-Test Mode	
系列 Series	SS600
刀具规格 Specification	5刃, D8*R1*20*60*d6*d8
加工材料 Material	630 (17-4PH)
切削速度 Cutting Speed	N=7500r/min
进给量 Feed	F=2500mm/min
切深量 Depth	Ap=1-15mm Ae=0.96mm
切削方式 Cutting Type	摆线铣 Trochoidal Milling
冷却方式 Coolant	水冷 Water Cooling



膝关节精加工
Knee-joint Finishing

膝关节置换件 Knee Replacement System	
系列 Series	CoCrMo立铣刀 CoCrMo End Milling
刀具规格 Specification	6刃, D8*R0.2*10*60*d8
加工材料 Material	CoCrMo
切削速度 Cutting Speed	N=2500r/min
进给量 Feed	F=300mm/min
切深量 Depth	Ap=0.03mm
切削方式 Cutting Type	底面精加工 Face Milling
冷却方式 Coolant	水冷 Water Cooling



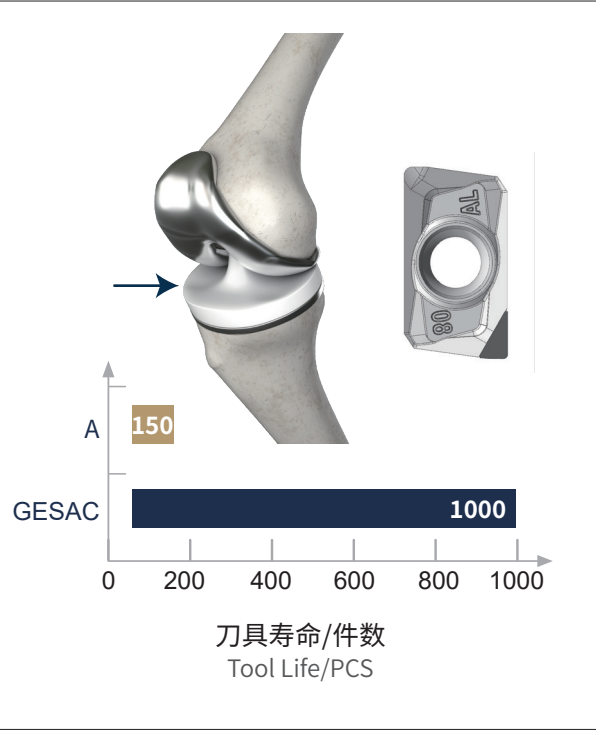
膝关节精加工
Knee-joint Finishing

膝关节置换件 Knee Replacement System	
系列 Series	钴铬钼锥度球头立铣刀 CoCrMo Taper Ball End Milling
刀具规格 Specification	6刃, R2*30*6*90*d10
加工材料 Material	CoCrMo
切削速度 Cutting Speed	N=5000-6500r/min
进给量 Feed	F=300-1000mm
切深量 Depth	Ap=0.1mm
切削方式 Cutting Type	侧壁精加工 Sidewall Finishing
冷却方式 Coolant	水冷 Water Cooling

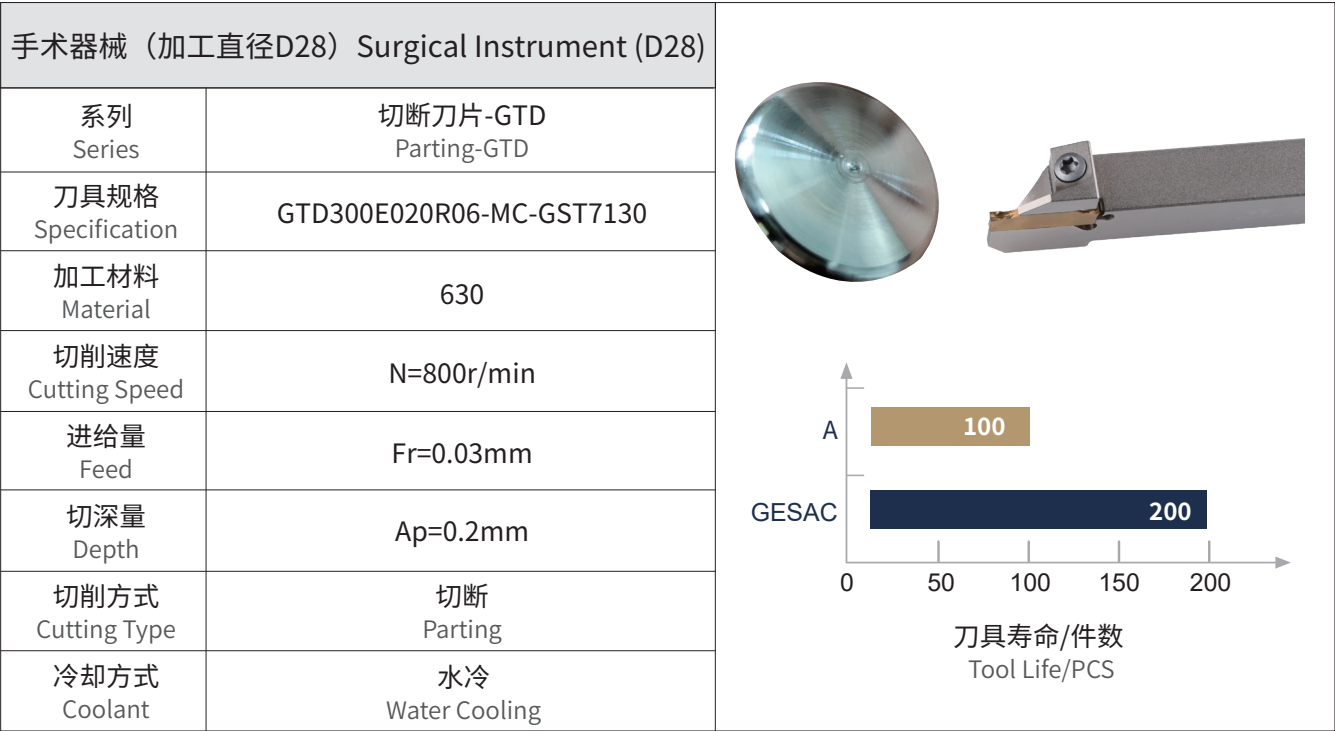


胫骨垫片精加工
Tibial Component Finishing

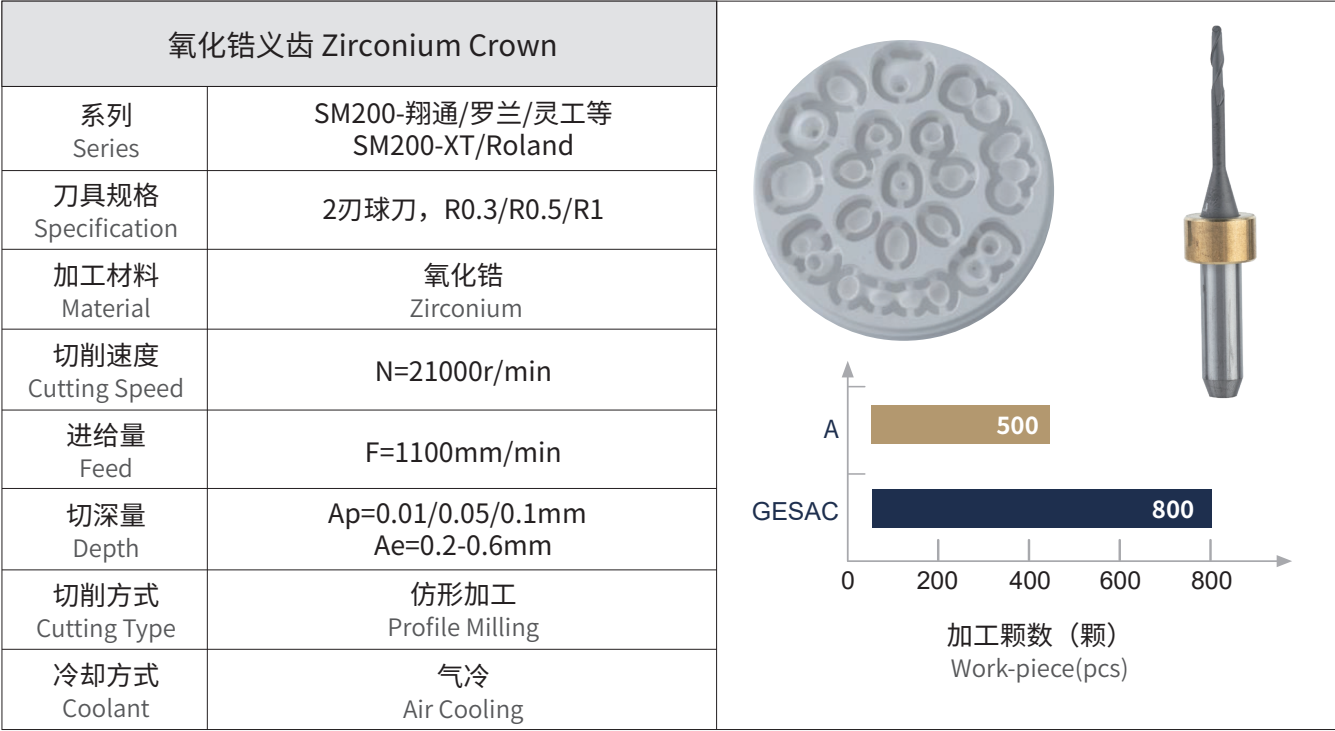
胫骨垫片试模 Tibial Component-Test Mode	
系列 Series	超硬刀具 PCD
刀具规格 Specification	APGT1604PDFR-1-DNN125P
加工材料 Material	PPSU
切削速度 Cutting Speed	Vc=200-400m/min
进给量 Feed	Fz=0.03-0.05mm
切深量 Depth	Ap=0.1mm
切削方式 Cutting Type	表面精加工 Face Milling
冷却方式 Coolant	气冷 Air Cooling



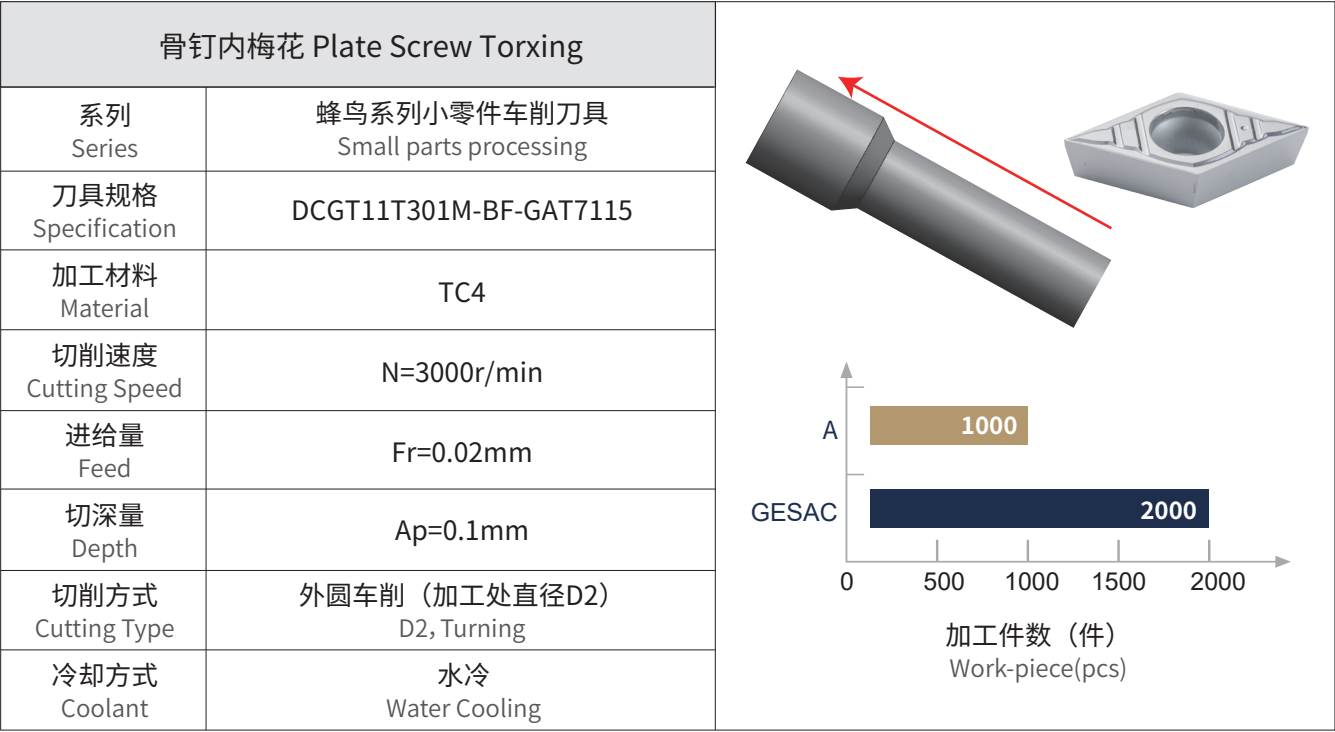
手术器械切断加工
Surgical Instrument Parting



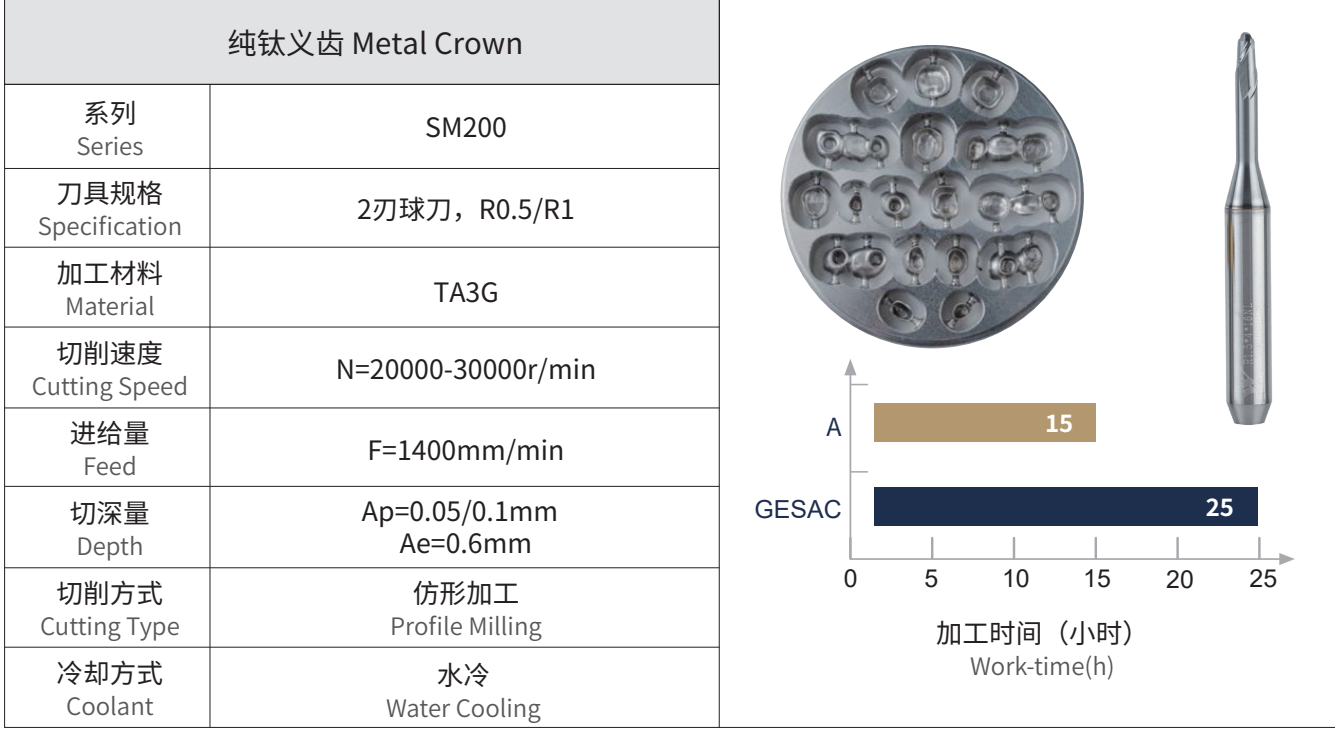
种植牙
Implant Tooth



接骨板螺钉
Plate Screw



种植牙
Implant Tooth



MEMO

MEMO