

医疗及小零件加工解决方案

Manufacturing Solutions for Medical & Small Parts



GAT7120

+ 华东大区 Eastern China Region

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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高新技术企业,隶属于中国六大稀土集团之一的厦门钨业股份有限公司。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,是世界知名的钨粉末、硬质合金及切削工具供应商。

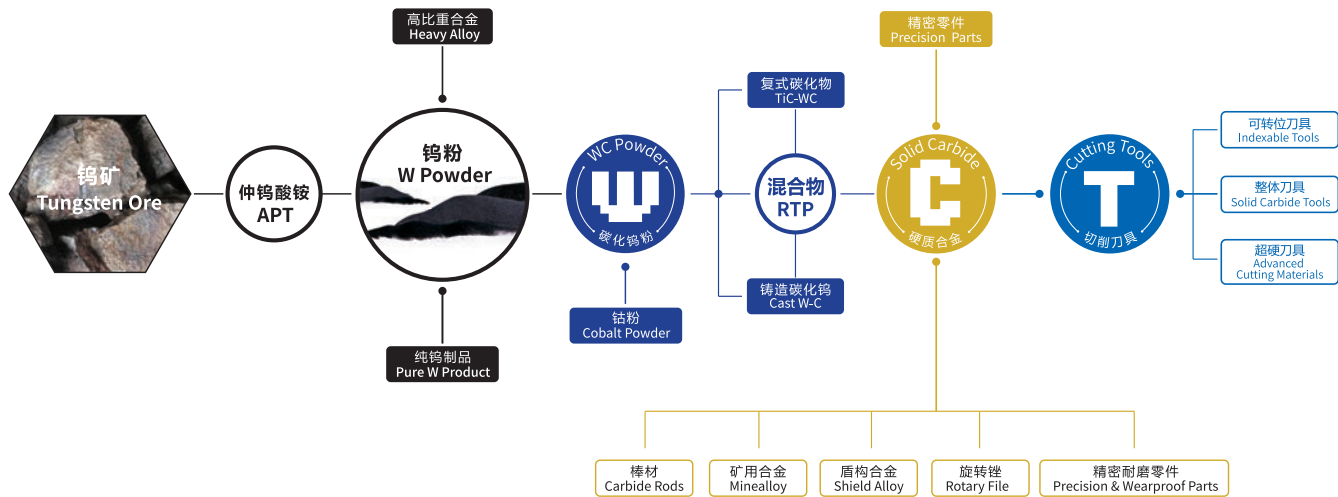
凭借完整钨产业链的产品集成技术研发,以及务实、创新的管理理念,厦门金鹭始终保持着强劲的发展势头,为全球用户提供最高性价比的产品和服务,为现代工业领域解决高硬度、耐高温、耐磨损问题,提供了优良的产品和完善的解决方案,客户遍布全球四十多个工业发达国家和地区,享誉海内外。

公司拥有国内 4 个生产基地和 1 个国家级企业研发中心,海外 3 个销售公司和 1 个海外生产基地,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”、“先进技术企业”。

Xiamen Golden Egret Special Alloy Co., Ltd. (GESAC), founded in 1989, is a Sino-foreign joint venture with national high-tech, affiliated with XTC, which is one of six major rare earth groups in China. GESAC is committed to research & development, production and professional solutions providing of high-quality tungsten powder materials, cemented carbide, precision cutting tools and other tungsten products. Up to now, GESAC has become world-famous manufacturer and supplier of tungsten powder, cemented carbide and precision cutting tools products.

With the Integrated Product Development of complete tungsten industry chain, as well as a pragmatic and innovative management concept, GESAC has always maintained a strong momentum of development, providing the cost effective tungsten powder products and services for global users, offering the excellent products and perfect solutions for solving high hardness, high temperature resistance and wear resistance topics. Our brand "Golden Egret" has become one of the leading brand in the market, enjoying famous reputation in more than 40 countries and regions.

GESAC owns four production headquarters and one national level research center domestically,and three sales branches and one production base overseas. We undertook and completed several development programs independently, including the “National Science and Technology Support Programs”, the “National Torch Program Projects”, and the “National Key Projects” and so on. GESAC was awarded as "Key Enterprise for Strategic Emerging Industry ", “Innovative Enterprise” and "Enterprise with Advanced Technology ".



加工解决方案
Manufacturing Solutions

接骨板 Bone plate	04
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加工案例
Application Case



孔、槽铣削
Hole and Groove Milling

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



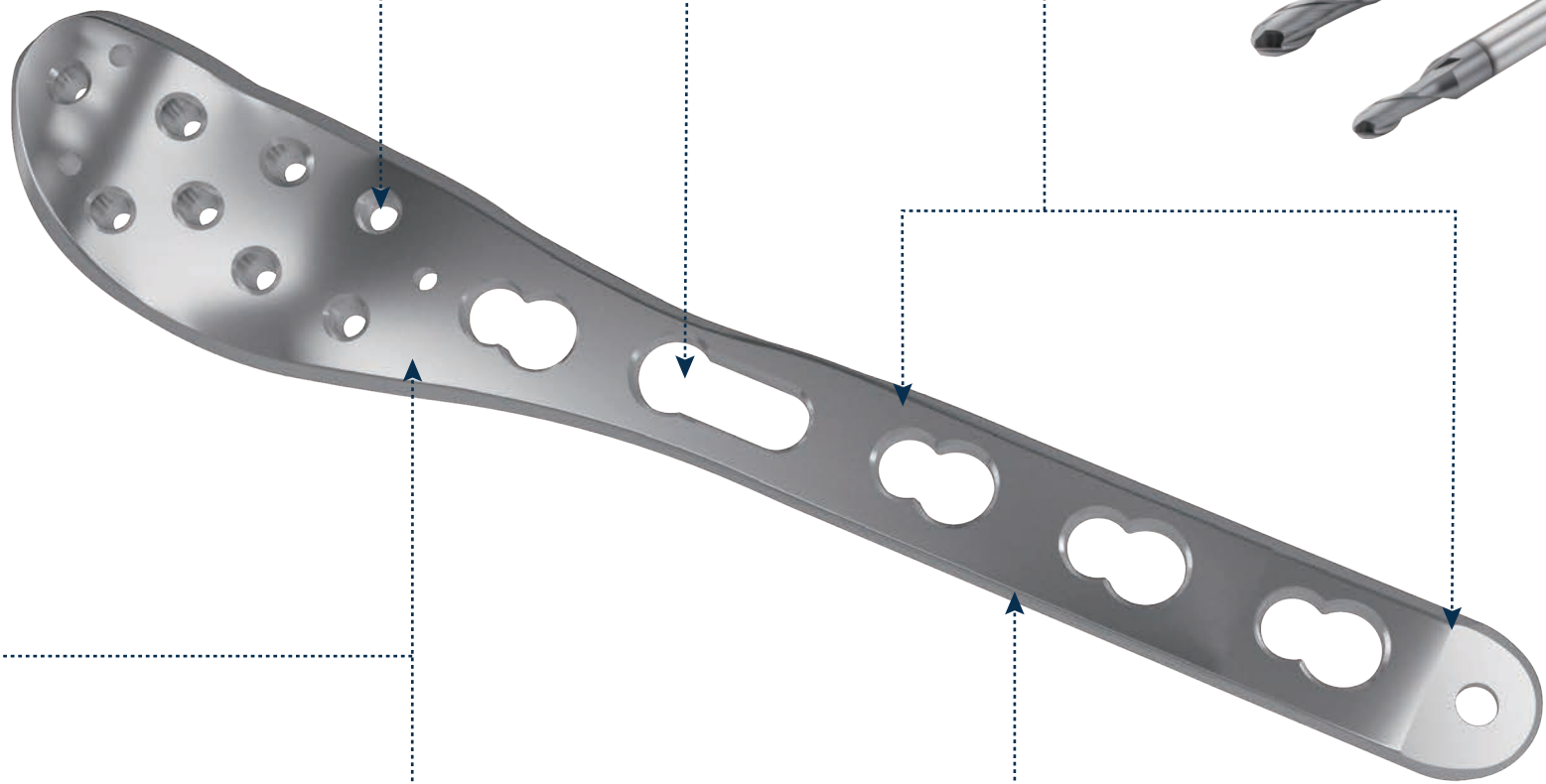
外型精加工
External Finishing

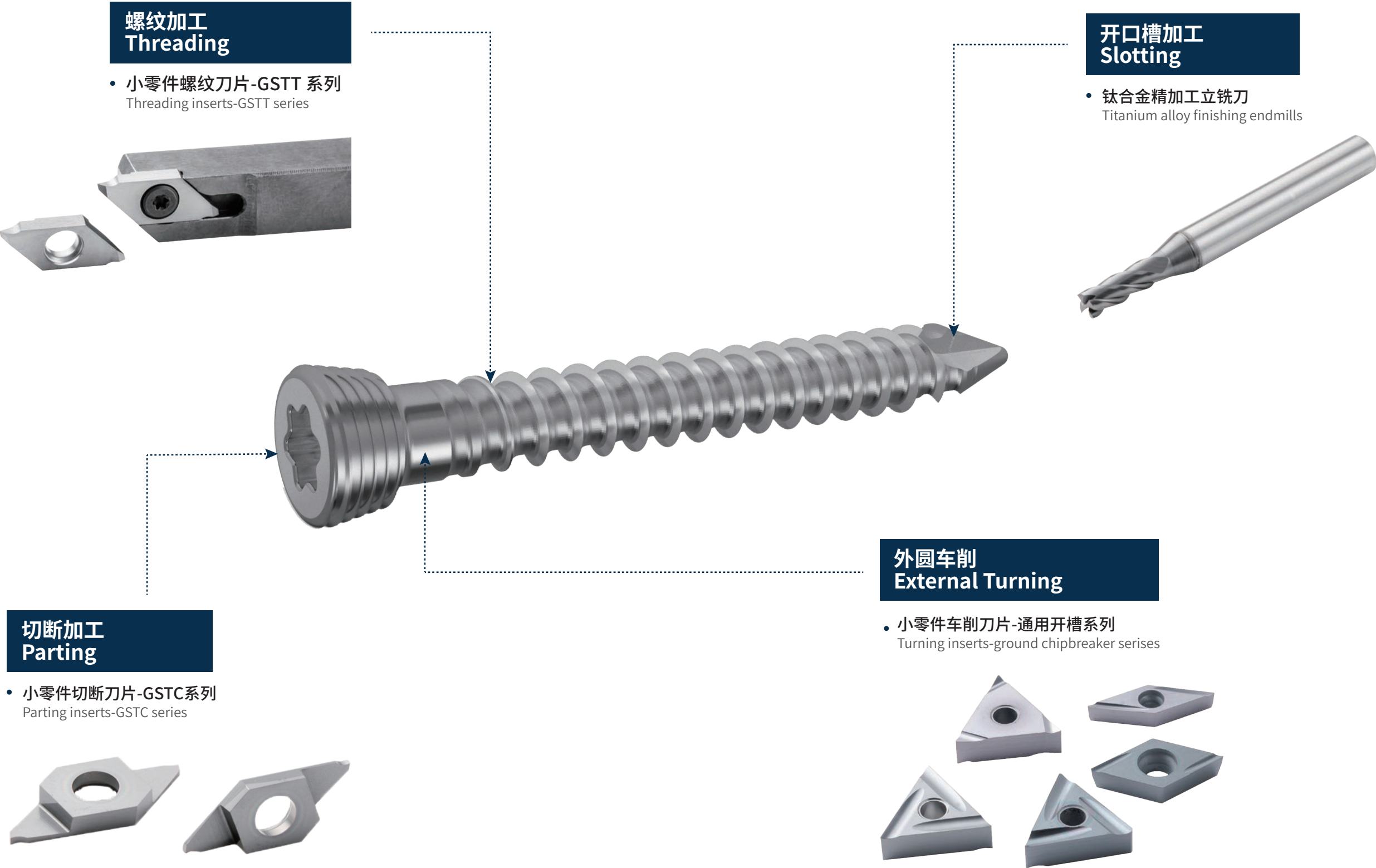
- 钛合金精加工立铣刀
Titanium alloy finishing endmills



外型粗加工
External Roughing

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





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



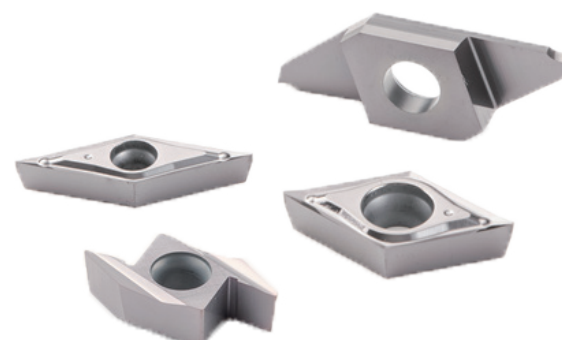
中心孔加工 Central Hole Making

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



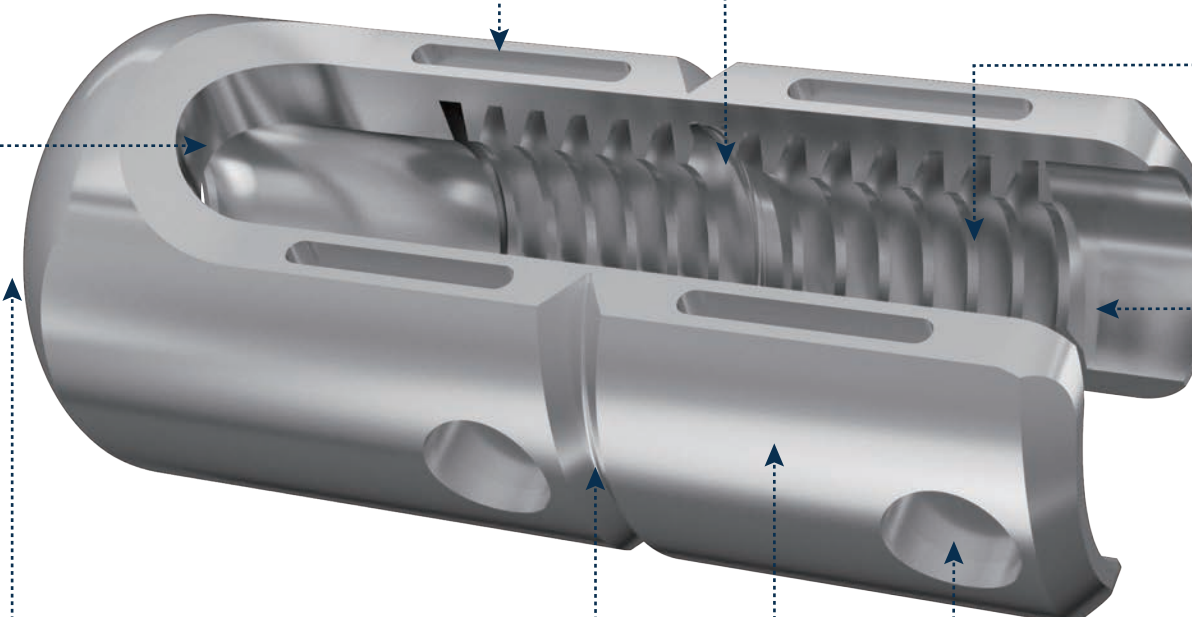
外圆、V槽、端面加工 External, V Grooving and Facing

- 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





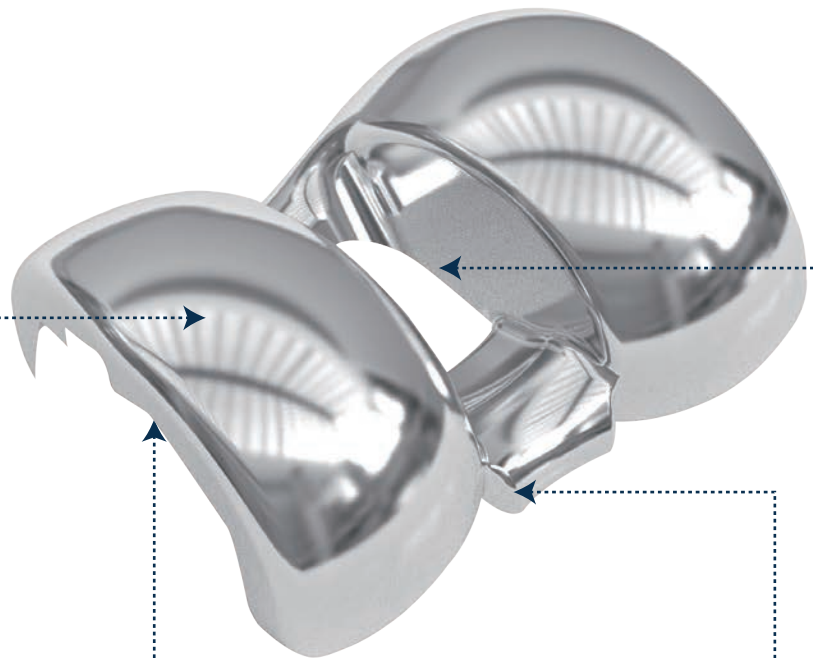
股骨假体外表面粗加工
External Rough Machining

- 钴铬钼球头高性能立铣刀
CoCrMo High performance endmills



股骨假体凹槽加工
Groove Processing

- 钴铬钼锥度球头立铣刀
CoCrMo Taper ball 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



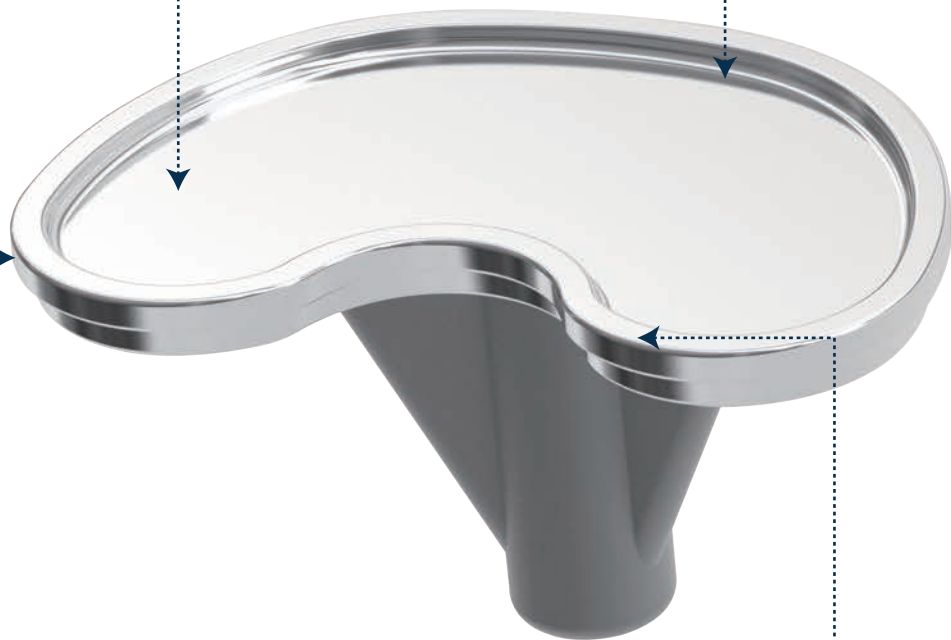
胫骨平台底面精加工
Plane Machining

- 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



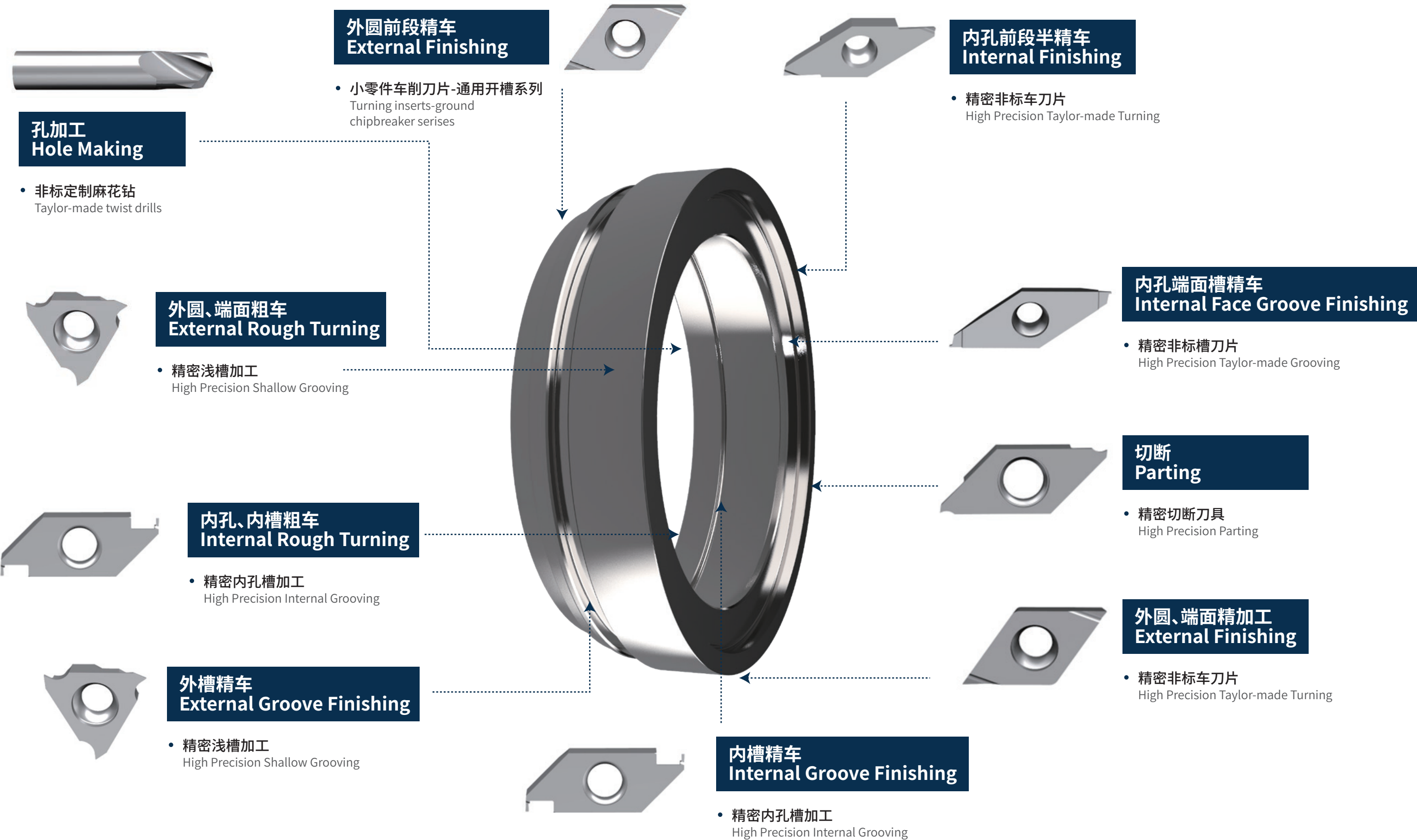
胫骨平台平面/外圆粗加工
External Rough Machining

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

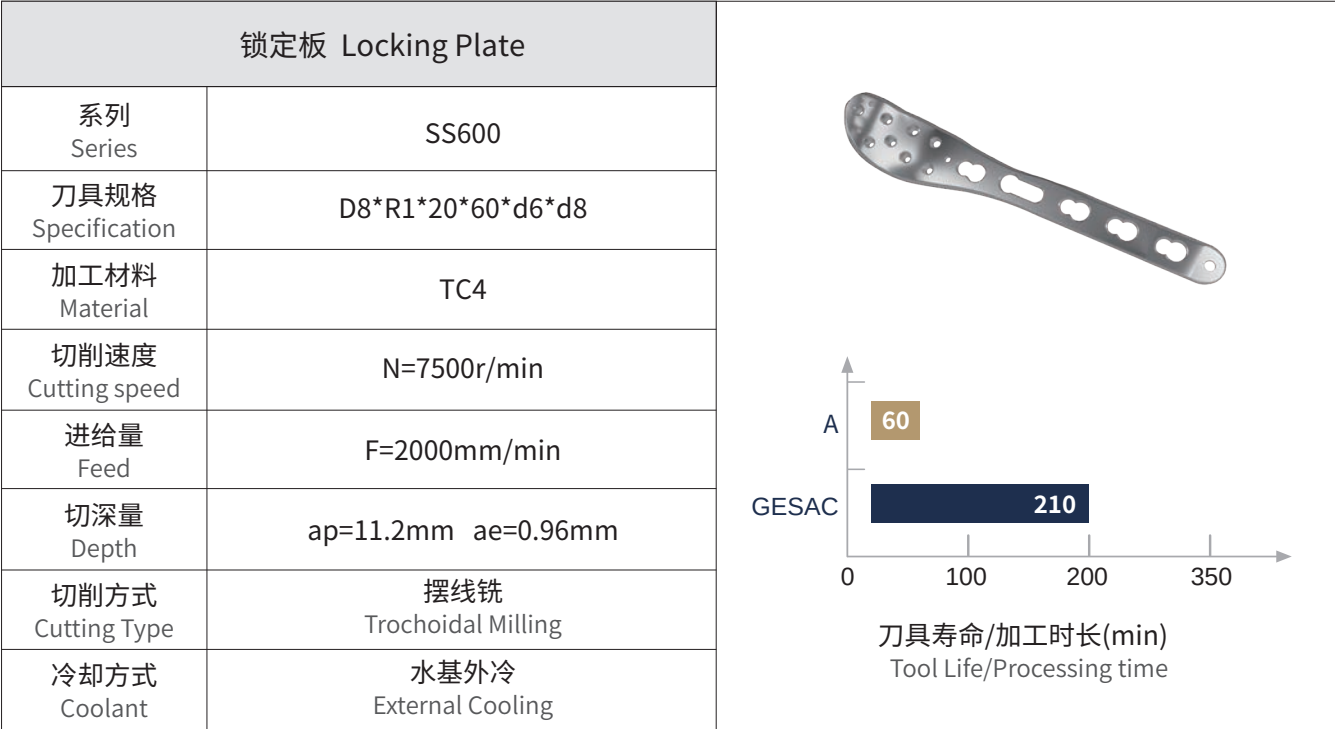


胫骨平台外圆精加工
External Finishing

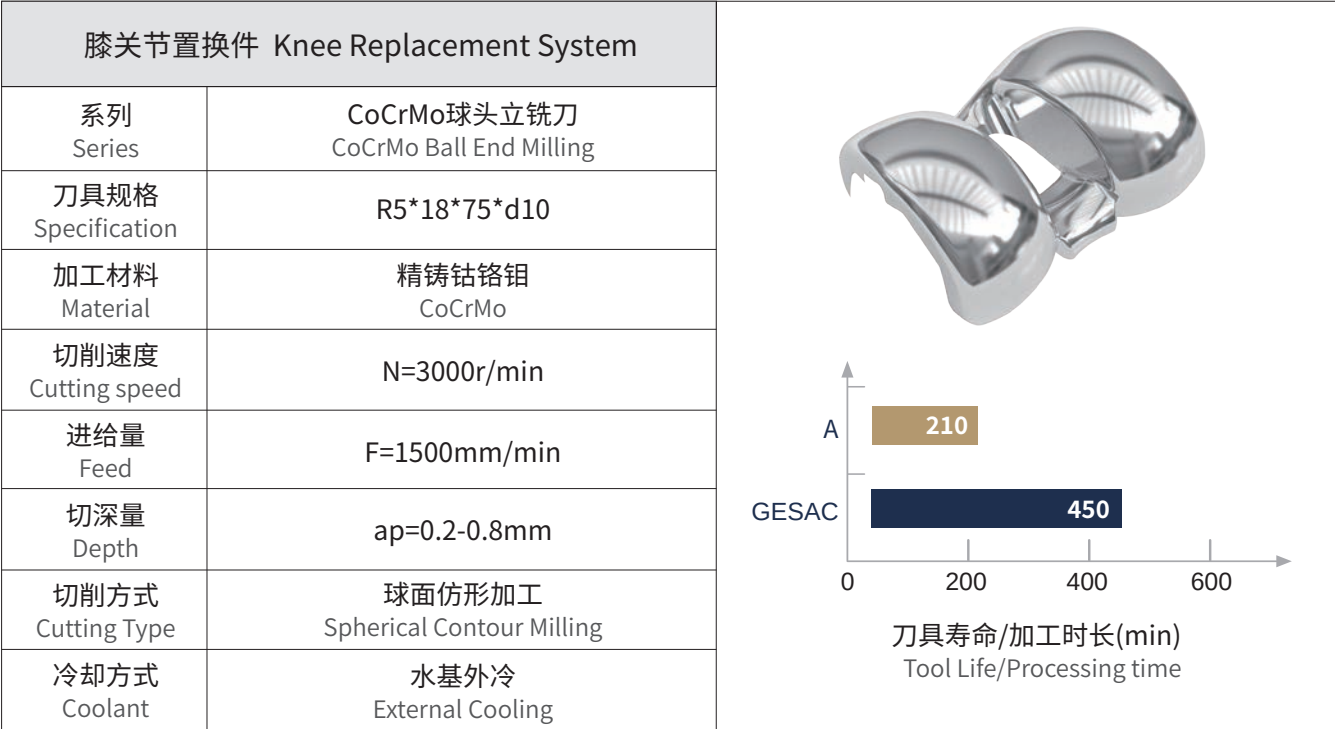
- 钴铬钼精加工立铣刀
CoCrMo Finishing endmills



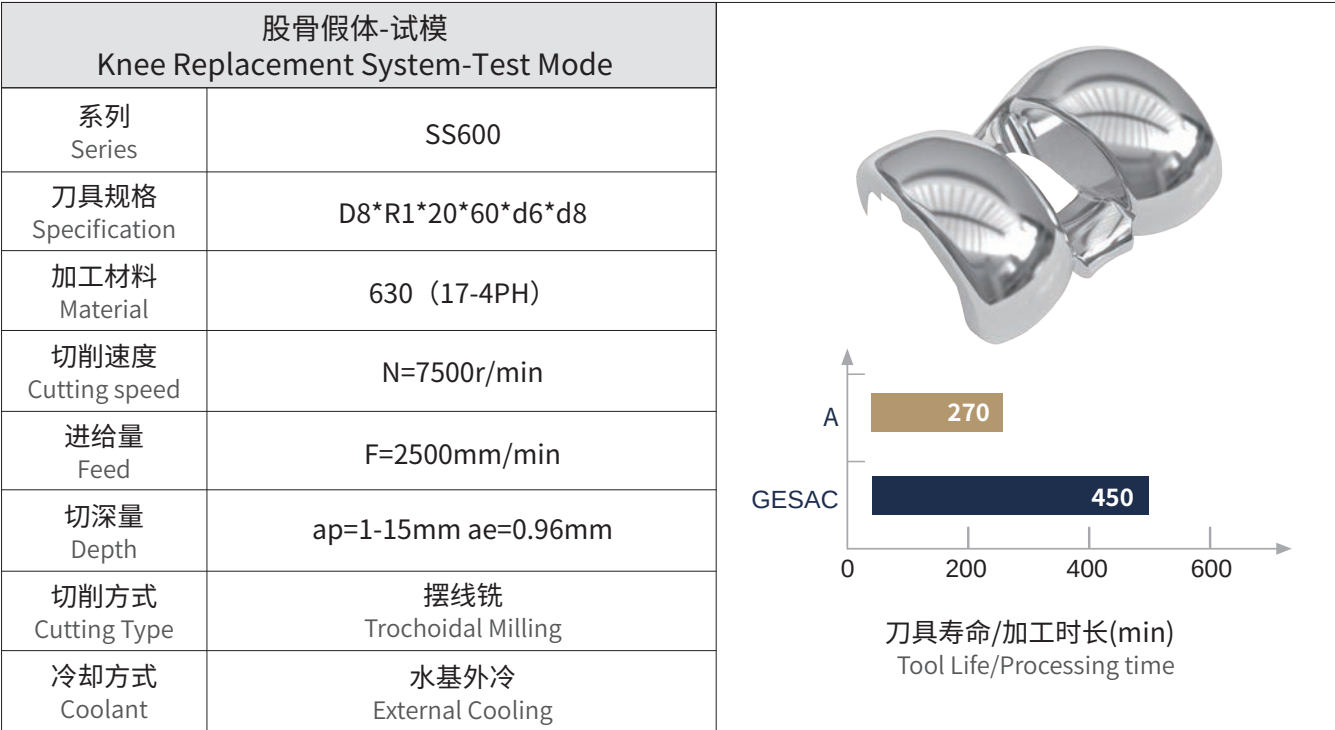
接骨板粗加工
Locking Plate Roughing



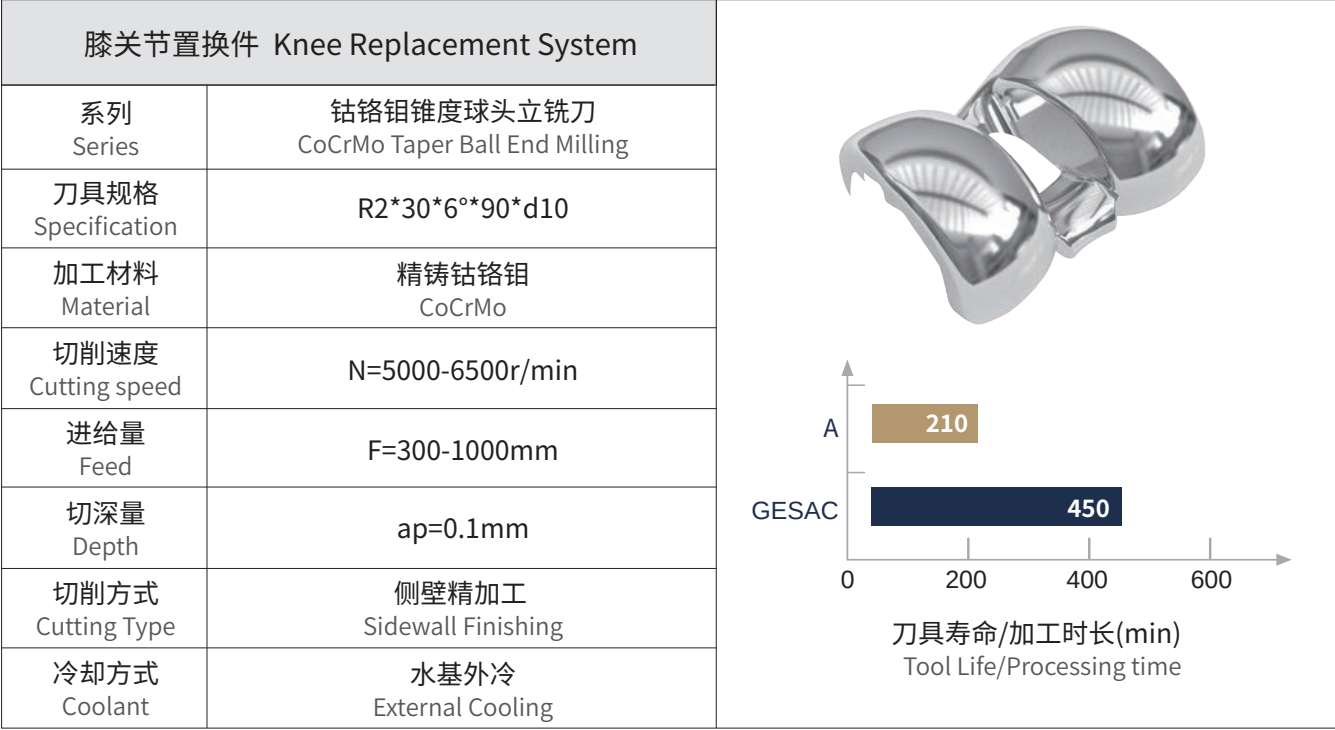
膝关节粗加工
Knee-joint Roughing



手术器械粗加工
Surgical Instruments Roughing

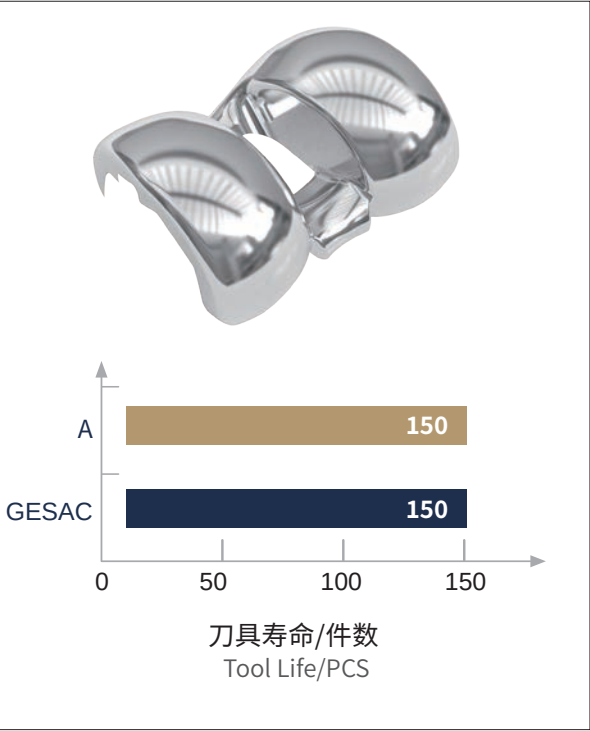


膝关节精加工
Knee-joint Finishing



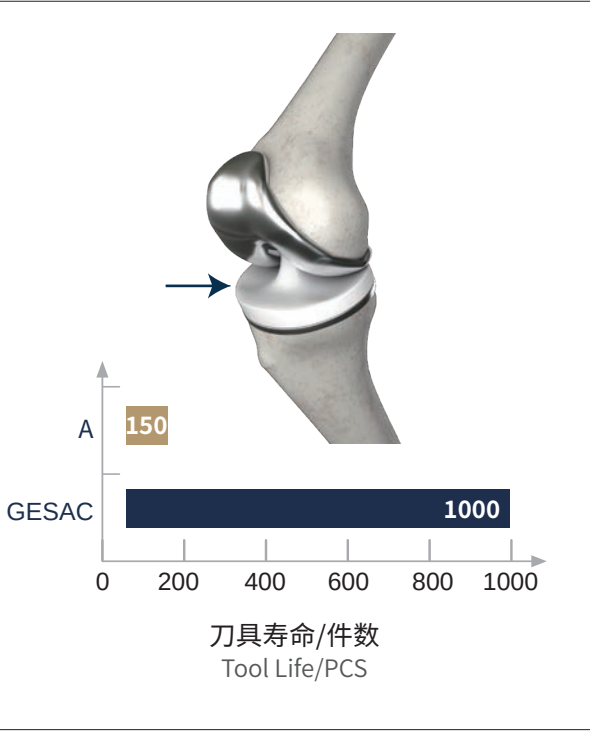
膝关节精加工
Knee-joint Finishing

膝关节置换件 Knee Replacement System	
系列 Series	CoCrMo立铣刀 CoCrMo End Milling
刀具规格 Specification	D10*25*75*d10
加工材料 Material	精铸钴铬钼 CoCrMo
切削速度 Cutting speed	N=5000r/min
进给量 Feed	F=250mm/min
切深量 Depth	ap=0.05mm
切削方式 Cutting Type	外侧壁精加工 Side Milling
冷却方式 Coolant	水基外冷 External Cooling



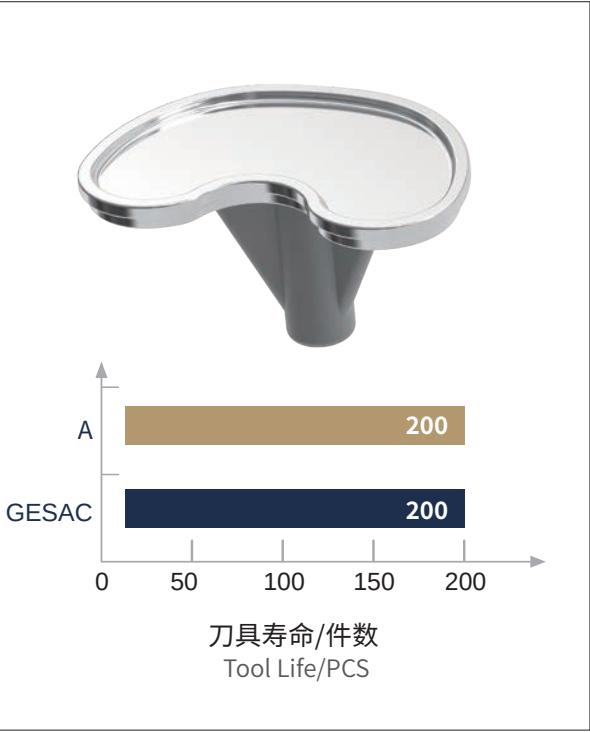
胫骨垫片精加工
Tibial Component Finishing

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	水基外冷 External Cooling



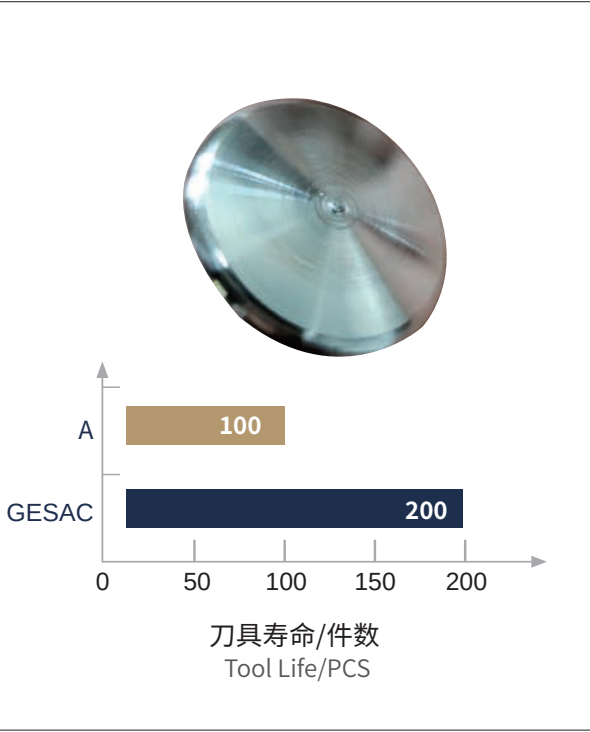
膝关节精加工
Knee-joint Finishing

膝关节置换件 Knee Replacement System	
系列 Series	CoCrMo立铣刀 CoCrMo End Milling
刀具规格 Specification	D8*R0.2*10*60*d8
加工材料 Material	精铸钴铬钼 CoCrMo
切削速度 Cutting speed	N=2500r/min
进给量 Feed	F=300mm/min
切深量 Depth	ap=0.005mm
切削方式 Cutting Type	底面精加工 Face Milling
冷却方式 Coolant	油冷 Oil Cooling



手术器械切断加工
Surgical Instrument Parting

手术器械（加工直径D28）Surgical Instrument (D28)	
系列 Series	切断刀片-GTD Parting-GTD
刀具规格 Specification	GTD300E020R06-MC-GST7130
加工材料 Material	630
切削速度 Cutting speed	N=800r/min
进给量 Feed	Fz=0.03mm
切深量 Depth	ap=0.2mm
切削方式 Cutting Type	切断 Parting
冷却方式 Coolant	油冷 Oil Cooling



MEMO

MEMO