

# 航空航天行业加工解决方案

Manufacturing Solutions for Aerospace Industry



+ 华东大区  
Eastern China Region

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ПРОМИНСТРУМЕНТ

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。

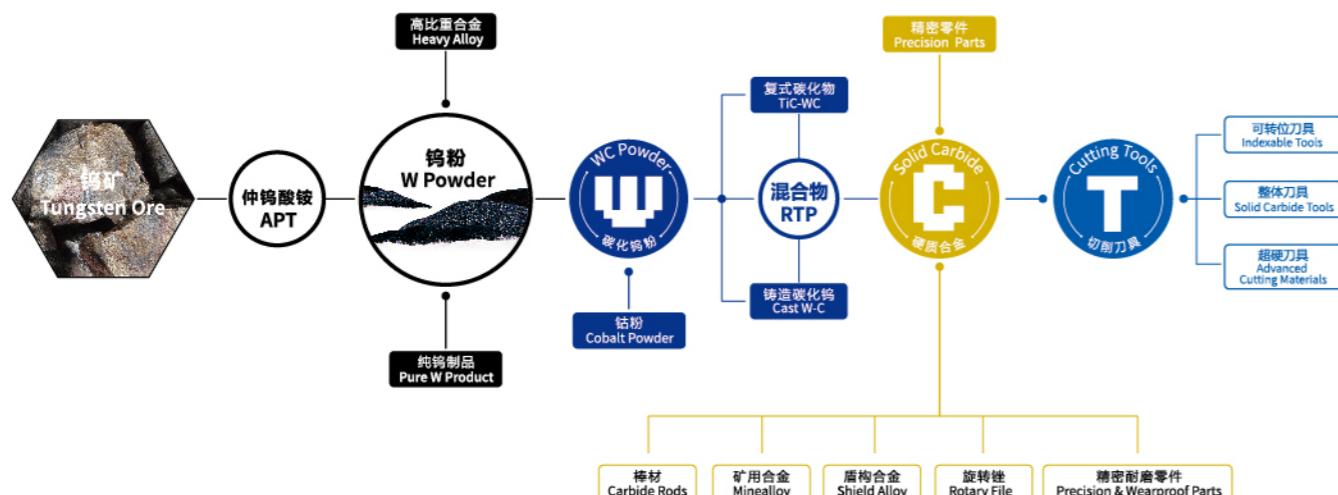
凭借完整钨产业链的产品集成技术研发,以及务实、创新的管理理念,厦门金鹭始终保持着强劲的发展势头,为全球用户提供最高性价比的产品和服务,为现代工业领域解决高硬度、耐高温、耐磨损问题,提供了优良的产品和完善的解决方案,客户遍布全球四十多个国家和地区,享誉海内外。

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”.



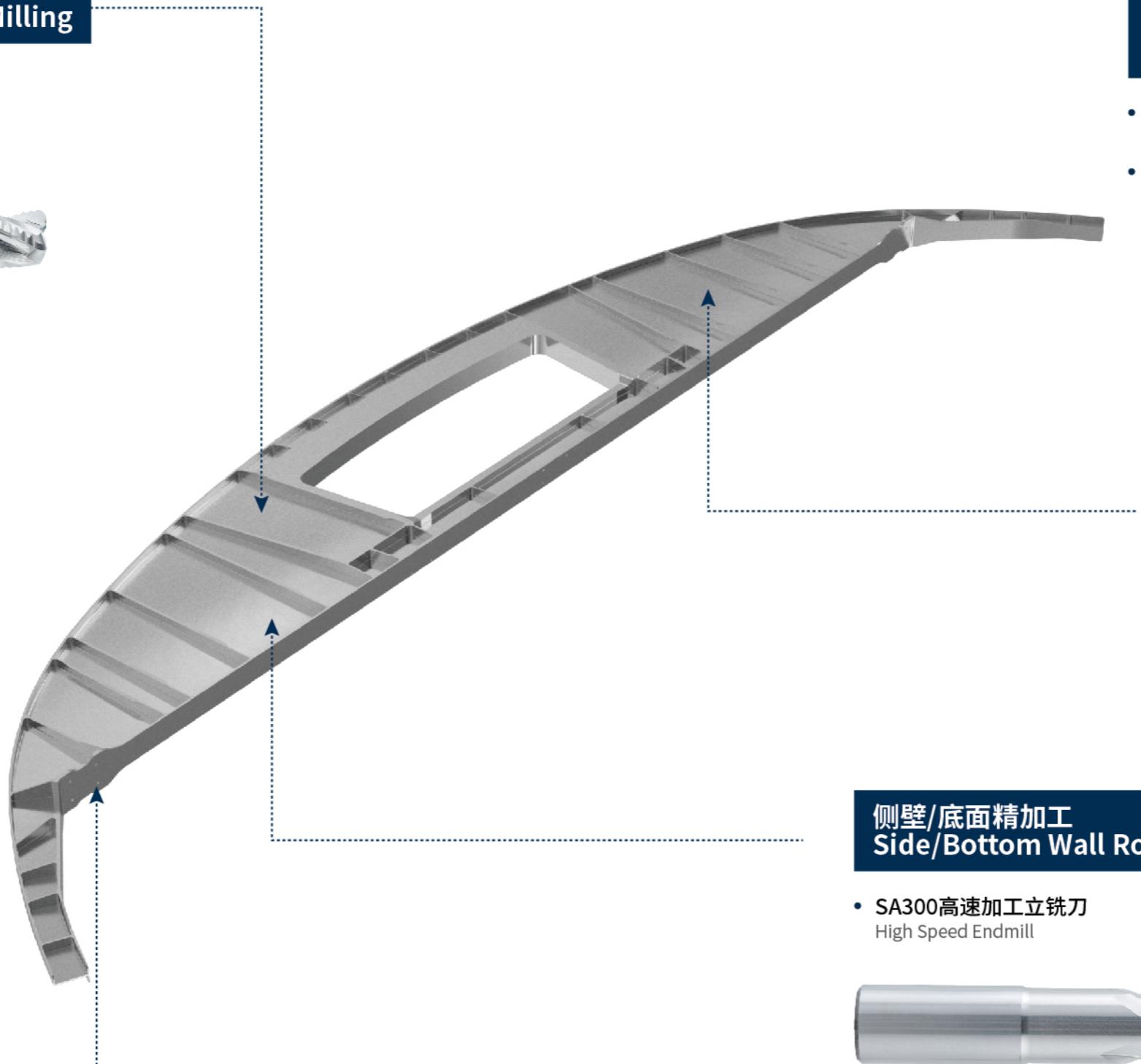
## 加工解决方案 Manufacturing Solutions

铝合金框 Aluminum Alloy Frame	02
钛合金滑轨 Titanium Alloy Slide Rail	04
机身蒙皮 Fuselage Skin	06
发动机机匣 Engine Casing	08
叶盘 Blisk	10
叶轮 Impeller	12
叶片 Blade	14



侧壁/底面粗加工  
Side/Bottom Wall Rough Milling

- SA210-WR高效波刃立铣刀  
Wave Edged High Efficiency Endmill
- XDHT+MEH190高速方肩铣削  
High Speed Shoulder Milling

孔加工  
Hole Making

- D966铝合金麻花钻  
Twist Drills for Aluminum Alloy

T型槽粗/精加工  
T-Groove Rough/Finish Milling

- SDET+MST高速T型槽铣削  
High Speed T-Groove Milling
- 整体硬质合金T型槽立铣刀  
Solid Carbide T-Groove Endmill

侧壁/底面精加工  
Side/Bottom Wall Rough Milling

- SA300高速加工立铣刀  
High Speed Endmill

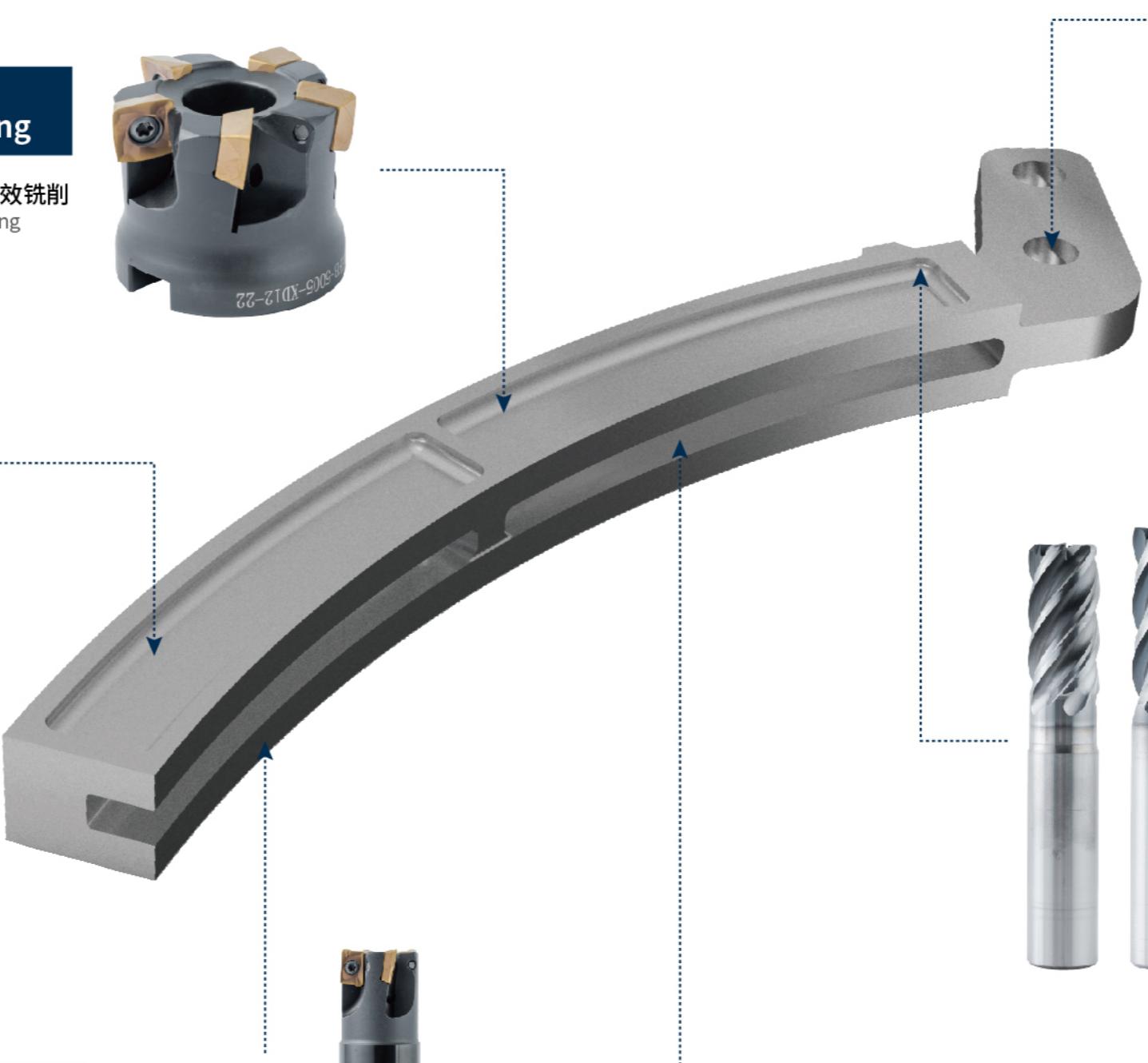


型腔粗加工  
Cavity Rough Milling

- SDMT+MKM113快进给高效铣削  
High Feed High Efficiency Milling

面铣/仿形粗加工  
Face/Profile Rough Milling

- RPMT+MPB100仿形铣削  
Profile Milling

侧壁/腹板半精加工  
Side Wall/Web Semi-finish Milling

- APKT+MEB190方肩铣削  
Shoulder Milling
- APKT+MHB190大切深玉米铣削  
Large Cutting Depth Corn Mill

孔加工  
Hole Making

- D968S难加工材料麻花钻  
Twist Drills for Difficult-to-process Material
- 非标定制铰刀  
Tailor-made Reamers

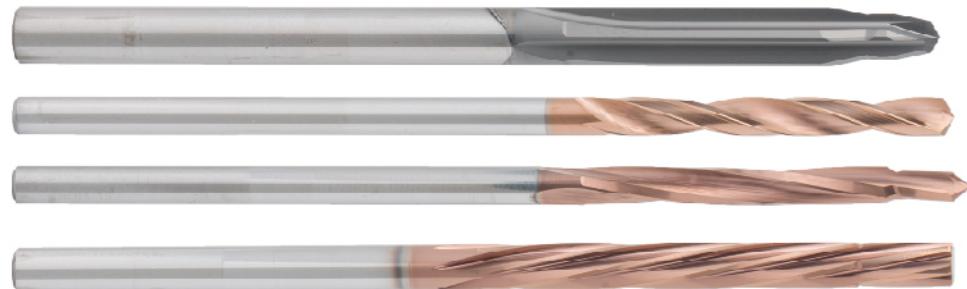
侧壁/腹板精加工  
Side Wall/Web Finish Milling

- ST210高性能加工立铣刀  
High Performance Endmill
- ST300高效加工立铣刀  
High Efficiency Endmill

大切深侧壁精加工  
Side Wall Finishing With Large Cutting Depth

- ST210-RL5长刃立铣刀  
Long Flute Endmill





### 铣削粗加工 Rough Milling

- SD200-CN菱齿型金刚石涂层立铣刀  
Fine-Cross-Nick Diamond Coating Endmill

### 孔加工 Hole Making

- D612金刚石涂层匕首钻  
Diamond Coating Triple-angle Drill
- D973复材+金属叠层材料加工麻花钻  
Twist Drills for steel Composite and Metal
- D573复材+金属叠层材料加工扩孔钻  
Core Drills for steel Composite and Metal
- R733复材+金属叠层材料加工铰刀  
Reamer for steel Composite and Metal



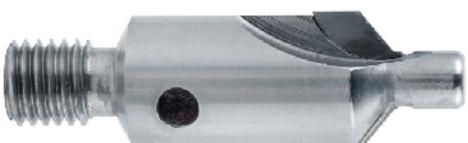
### 修边精加工 Side Milling

- SD200-JD2人字型金刚石涂层立铣刀  
Herringbone Diamond Coating Endmill



### 锪窝孔加工 Countersink Hole Making

- DND100PCD锪孔钻  
PCD Countersink Drill



### PCD铣削 PCD Milling

- DNM100PCD立铣刀  
PCD Endmill
- DNR100PCD波刃立铣刀  
PCD Wave Edged Endmill



车削加工  
Turning

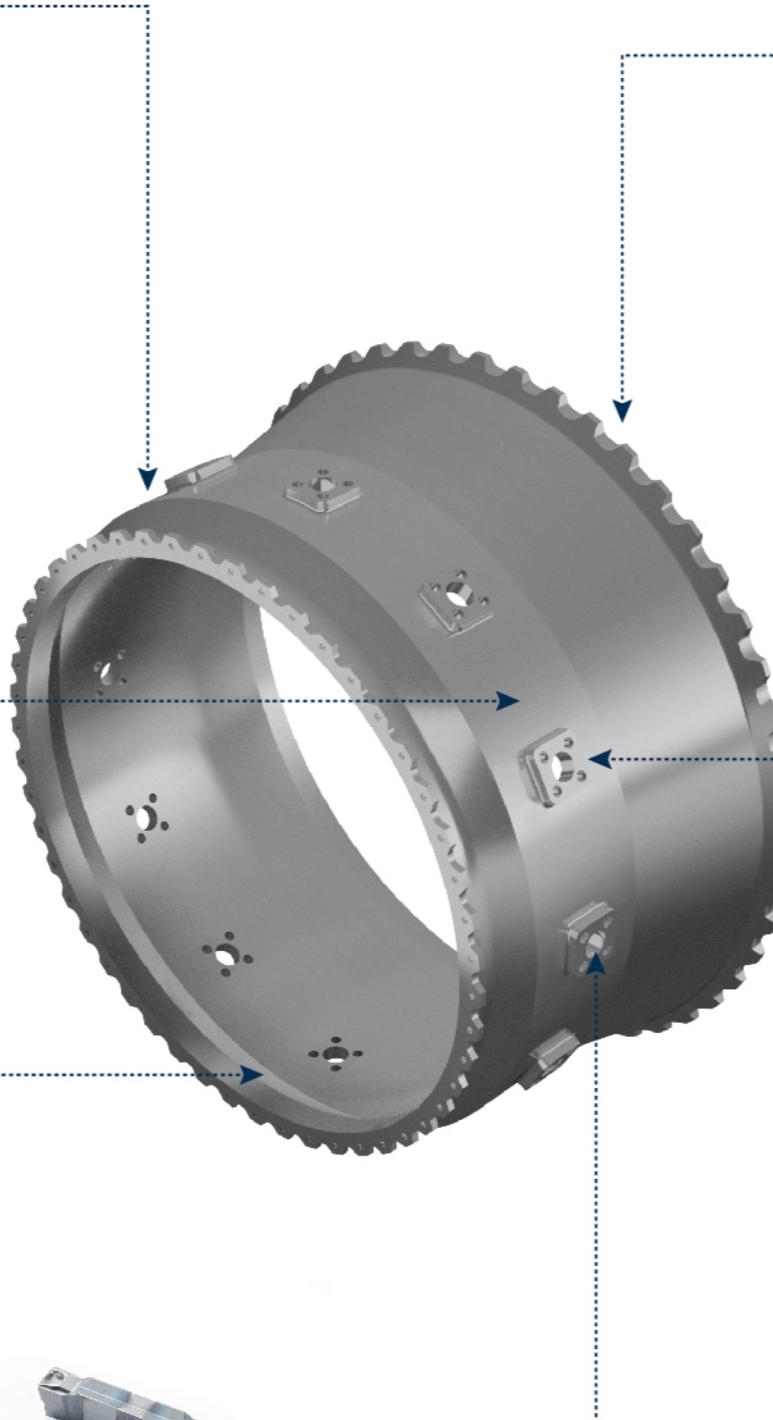
- EM/EL负型半精加工车削  
Negative Semi-finish Turning
- ES 正型精加工车削  
Positive Finish Turning

面铣/仿形粗加工  
Face/ Profile Rough Milling

- RPMT+MPB100仿形铣削  
Profile Milling

切槽加工  
Grooving

- G-Notch浅槽系列  
G-Notch Shallow Grooving Series
- GZ深槽系列  
GZ Deep Grooving Series

环面/花边铣削  
Torus/Lacework Milling

- SN200-R4高性能圆角头立铣刀  
High Performance Corner Radius Endmill

精铣凸台  
Boss Finish Milling

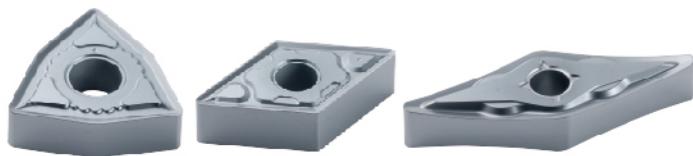
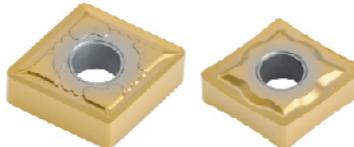
- SN200-B4高性能球头立铣刀  
High Performance Ball Nose Endmill

孔加工  
Hole Making

- D968S难加工材料麻花钻  
Twist Drills for Difficult-to-process Material
- 非标定制铰刀  
Tailor-made Reamers

车削加工  
Turning

- EM/EL负型半精加工车削  
Negative Semi-finish Turing
- ES 正型精加工车削  
Positive Finish Turing

孔加工  
Hole Making

- D968S难加工材料麻花钻  
Twist Drills for Difficult-to-process Material
- 非标定制铰刀  
Tailor-made Reamers

切槽加工  
Grooving

- G-Notch浅槽系列  
G-Notch Shallow Grooving Series
- GZ深槽系列  
GZ Deep Trench Grooving Series

流道开粗  
Rough Milling

- STB200锥度球头立铣刀  
Taper Ball Nose Endmill
- SN200-R4高性能圆角头立铣刀  
High Performance Corner Radius Endmill
- 摆线铣立铣刀  
Trochoidal Machining Endmill

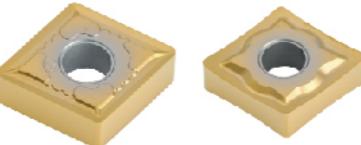
叶片半精/精加工  
Blade Semi-finish/Finish Milling

- SN200-B4高性能球头立铣刀  
High Performance Ball Nose Endmill
- STB200锥度球头立铣刀  
Taper Ball Nose Endmill

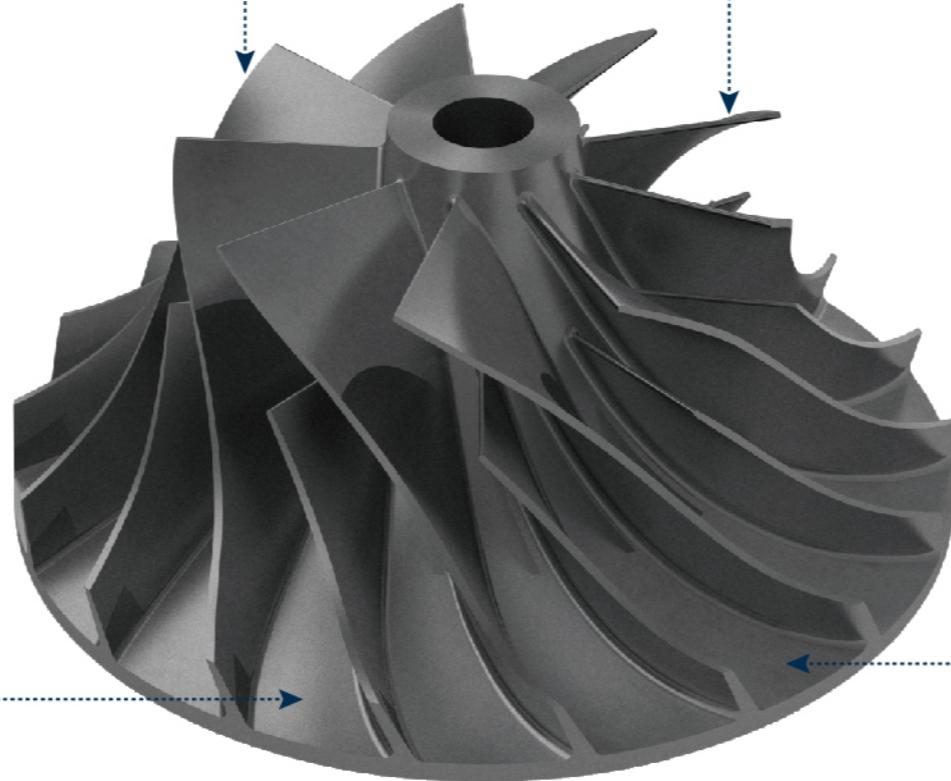
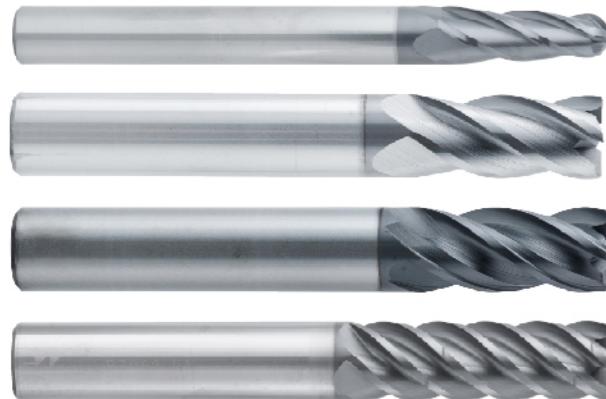


车削加工  
Turning

- EM/EL负型半精加工车削  
Negative Semi-finish Turning
- ES 正型精加工车削  
Positive Finish Turning

流道开粗  
Rough Milling

- STB200锥度球头立铣刀  
Taper Ball Nose Endmill
- SN200-R4高性能圆角头立铣刀  
High Performance Corner Radius Endmill
- SS600 高效加工立铣刀  
High Efficiency Endmill
- 摆线铣立铣刀  
Trochoidal Machining Endmill

叶片精加工  
Blade Finish Milling

- STB200锥度球头立铣刀  
Taper Ball Nose Endmill

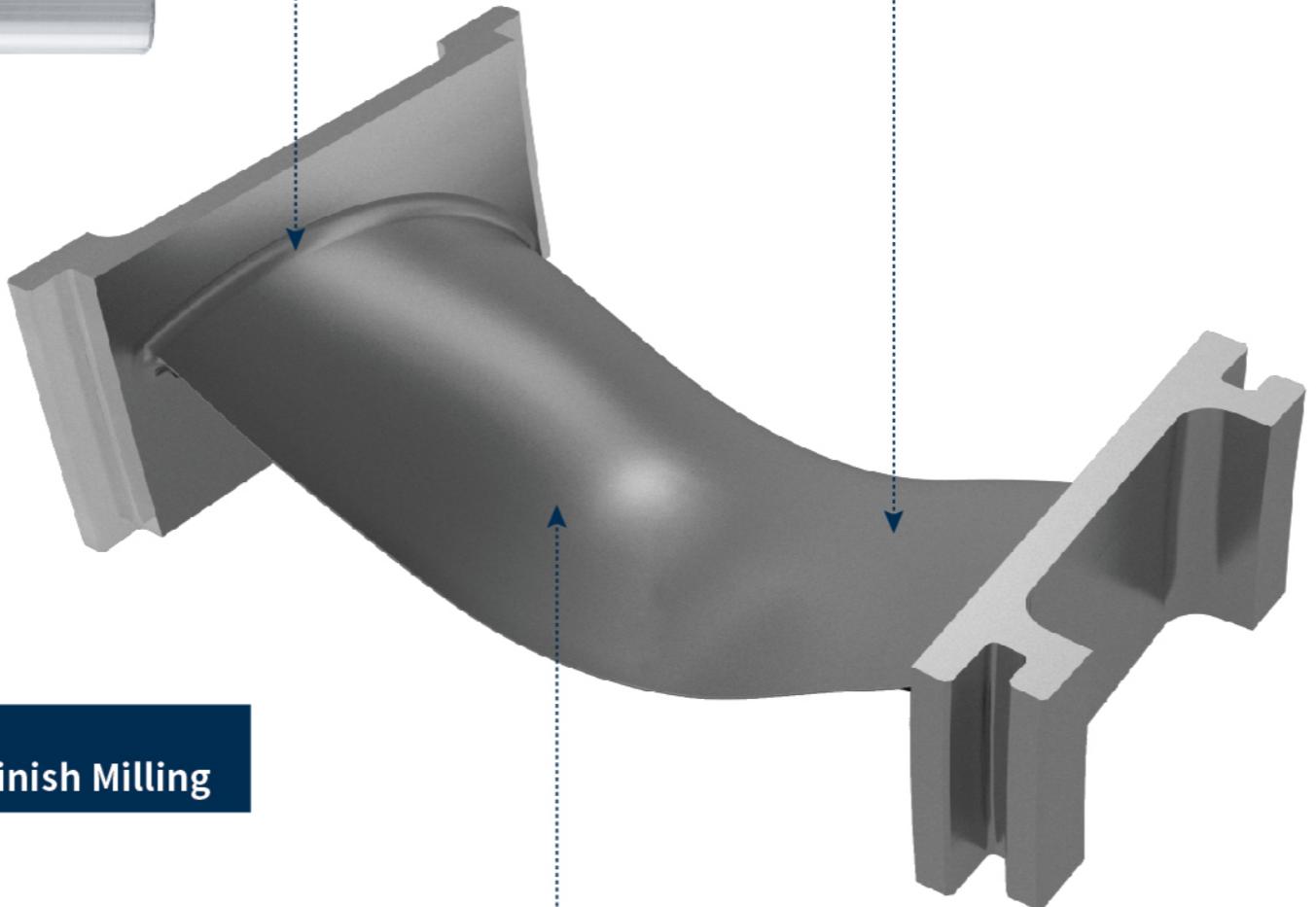
型腔粗加工  
Cavity Rough Milling

- SDMT+MKM113快进给高效铣削  
High Feed High Efficient Milling



叶根/叶型粗加工  
Blade Root/Blade Profile Rough Milling

- SN200-R4高性能圆角头立铣刀  
High Performance Corner Radius Endmill

叶身仿形加工  
Blade Body Profile Milling

- RPMT+MPB100 仿形铣削  
Profile Milling

叶根/叶型精加工  
Blade Root/Blade Profile Finish Milling

- SN200-B4高性能球头立铣刀  
High Performance Ball Nose Endmill
- STB200锥度球头立铣刀  
Taper Ball Nose Endmill



MEMO

MEMO